

**Ministry of Agriculture & Land Reclamation  
Agricultural Research Center  
Central Lab for Agricultural Expert Systems**

## **“BOVIS” Database structure**

**TR/CLAES/Bovis/4/2004.3**

By

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# 1.Introduction

## 1.1. OVERVIEW

BOVIS database system is composed by an SQLServer database, which is accessed by Visual Basic (VB) interface to enter and modify data and an output interface that will display the data on the client site.

## 1.2. SCOPE OF THE DOCUMENT

Bovis database consists of *52 tables, 61 views and 107-stored procedure*. The scope of this document is to document the three main parts, which constitute the BOVIS database structure.

These parts are:

### 1.2.1.Tables Structure

These tables were described in terms of its names, and the name, type, and size of each column.

### 1.2.2.Views Structure

These views were described in terms of its columns, and the name, type, and size of each column

### 1.2.3. Stored Procedures Code

The stored procedures will be presented in terms of their full code. It is important to see the input, output, and the functionality of each stored procedure in “Detail Design of BOVIS entry forms and Stored Procedures” document.

# Tables Structure

Table: AnimalAnalysis

Columns		
Name	Type	Size
IdGovernorate	Long Integer	4
AnimalCode	Long Integer	16
IDSampleType	Long Integer	4
Result	Text	50
IdUnit	Long Integer	4

Table: AnimalBrussell

Columns		
Name	Type	Size
IdAnimal	Long Integer	16
IdGovernorate	Long Integer	4
IdUnit	Long Integer	4
IdTestType	Long Integer	4
TestDate	Date/Time	8
IdTestResult	Long Integer	4
IdAnimalDestiny	Long Integer	4

Table: AnimalDestiny

Columns		
Name	Type	Size
IdDestiny	Long Integer	4
NameDestiny	Text	10

Table: AnimalDiagnosis

Columns		
Name	Type	Size
IdAnimall	Long Integer	16
IdDisorder	Long Integer	4
DateDiagnosis	Date/Time	8
IdGovernorate	Long Integer	4
IdUnit	Long Integer	4

Table: AnimalOwners

Columns	Type	Size
Name		
IdGovernorate	Long Integer	4
AnimalCode	Long Integer	16
OwnerShipDate	Date/Time	8
IdUnit	Long Integer	4
OwnerName	Text	40
IDIdentificattion	Text	15
RegName	Text	20

Table: AnimalQuarantine

Columns	Type	Size
Name		
AnimalCode	Long Integer	16
IdQuarantine	Long Integer	4
DateIn	Date/Time	8
DateOut	Date/Time	8
IdCountry	Long Integer	4
Purpos	Long Integer	4
AprovImportNo	Text	50
IdGovernorate	Long Integer	4

Table: AnimalsRec

Columns	Type	Size
Name		
IdGovernorate	Long Integer	4
AnimalCode	Long Integer	16
IdUnit	Long Integer	4
BrithDate	Date/Time	8
RecoredDate	Date/Time	8
IdSex	Long Integer	4
IdGenus	Long Integer	4
IdCountry	Long Integer	4
PrintedSerial	Long Integer	16
IdStatus	Long Integer	4
IdSpecies	Long Integer	4
OwnerName	Text	40
IDIdentificattion	Text	15
RegName	Text	20

Table: AnimalStatus

Columns		
Name	Type	Size
IdStatus	Long Integer	4
IdAnimal	Long Integer	4
DateStatus	Date/Time	8
IdUnit	Long Integer	4
IdGovernorate	Long Integer	4

Table: AnimalTreatment

Columns		
Name	Type	Size
IdAnimal	Long Integer	16
DateTreatment	Date/Time	8
IdDiagnosis	Long Integer	4
IdUnite	Long Integer	4
IdGovernorate	Long Integer	4
Treat	Text	50

Table: AnimalVaccine

Columns		
Name	Type	Size
IdAnimal	Long Integer	16
IdVaccine	Long Integer	4
DateVaccine	Date/Time	8
IdUnit	Long Integer	4
IdGovernorate	Long Integer	4

Table: AntomyResult

Columns		
Name	Type	Size
IdAntomyResult	Long Integer	4
NameAntomyResult	Text	30

Table: ArabicError

Columns		
Name	Type	Size
ID	Long Integer	4
EnglishDescription	Text	100
ArabicDescription	Text	100

Table: BrussellaResult

Columns

Name	Type	Size
IdResult	Long Integer	4
NameResult	Text	10

Table: BrussellaType

Columns

Name	Type	Size
IdTest	Long Integer	4
NameTest	Text	10

Table: Bulls

Columns

Name	Type	Size
IdAnimal	Long Integer	16
IdCenter	Long Integer	4
IdGovernorate	Long Integer	4
RegDate	Date/Time	8

Table: Category

Columns

Name	Type	Size
IdCategory	Long Integer	4
NameCategory	Text	50
CatType	Long Integer	4

Table: Country

Columns

Name	Type	Size
IdCountry	Long Integer	4
NameCountry	Text	50

Table: Death

Columns

Name	Type	Size
AnimalCode	Long Integer	16
IdGovernorate	Long Integer	4
IdAntomyResult	Long Integer	4
IdUnit	Long Integer	4
DeathDate	Date/Time	8

Table: Directorate

Columns

Name	Type	Size
IdGoverorate	Long Integer	4
IdDirectorate	Long Integer	4
NameDirectorate	Text	50

Table: Disorders

Columns

Name	Type	Size
IdDisorder	Long Integer	4
IdCategory	Long Integer	4
NameDisorder	Text	50

Table: Doses

Columns

Name	Type	Size
IdAnimal	Long Integer	16
DateDoses	Date/Time	8
Quantity	Double	8
IdDosesType	Long Integer	4
IdGovernorate	Long Integer	4

Table: DosesTypes

Columns

Name	Type	Size
IdDoses	Long Integer	4
TypeDoses	Text	20

Table: Genus

Columns

Name	Type	Size
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
NameGenus	Text	50

Table: Governorate

Columns

Name	Type	Size
IdGoverorate	Long Integer	4
NameGoverorate	Text	50



Table: Infecundity

Columns

Name	Type	Size
InfecundityType	Text	50
InfecundityName	Text	50

Table: InsamenationType

Columns

Name	Type	Size
IdInsamenation	Long Integer	4
NameInsamenation	Text	30

Table: Insemination

Columns

Name	Type	Size
AnimalCode	Long Integer	16
InseminationDate	Date/Time	8
IdGovernorate	Long Integer	4
IdUnit	Long Integer	4
BullNo	Long Integer	16
BullGov	Long Integer	4

Table: InspectionResult

Columns

Name	Type	Size
IdInspectionResult	Long Integer	4
NameInspectionResult	Text	30

Table: Inst

Columns

Name	Type	Size
PreGoverorate	Long Integer	4
PreNumber	Long Integer	4
NewGoverorate	Long Integer	4
NewNumber	Long Integer	4

Table: Intervals

Columns

Name	Type	Size
IntervalName	Text	30
IntervalID	Long Integer	16
max1	Long Integer	4
min1	Long Integer	4

Table: Logtb

Columns		
Name	Type	Size
logid	Long Integer	16
IDGovernorate	Long Integer	4
ServerID	Long Integer	4
strLog	Memo	-
logDate	Date/Time	8
NeckName	Text	20

Table: LogtbOthers

Columns		
Name	Type	Size
logid	Long Integer	16
IDGovernorate	Long Integer	4
ServerID	Long Integer	4
strLog	Memo	-
logDate	Date/Time	8
NeckName	Text	20

Table: Magzer

Columns		
Name	Type	Size
IdMagzer	Long Integer	4
NameMagzer	Text	50
IdDirectorate	Long Integer	4
IdGovernorate	Long Integer	4

Table: PartType

Columns		
Name	Type	Size
IdPartType	Long Integer	4
NamePartType	Text	40

Table: ParturationAbortion

Columns		
Name	Type	Size
AnimalCode	Long Integer	16
ParturationAbortionDate	Date/Time	8
ParturationAbortionType	Long Integer	4
IdGovernorate	Long Integer	4
IdUnit	Long Integer	4

Table: PregnancyTest

Columns

Name	Type	Size
AnimalCode	Long Integer	16
ExaminationDate	Date/Time	8
IdGovernorate	Long Integer	4
IdUnit	Long Integer	4
ExaminationResultId	Long Integer	4

Table: PregnansyTestResult

Columns

Name	Type	Size
IdResult	Long Integer	4
NameResult	Text	10

Table: Quarantine

Columns

Name	Type	Size
IdDirectorate	Long Integer	4
IdQuarantine	Long Integer	4
NameQuarantine	Text	50
IdGovernorate	Long Integer	4

Table: QuarantinePurpos

Columns

Name	Type	Size
IdPurpos	Long Integer	4
NamePurpos	Text	50

Table: SampleType

Columns

Name	Type	Size
IdSample	Long Integer	4
Namemple	Text	50

Table: SemenCenter

Columns

Name	Type	Size
IdCenter	Long Integer	4
NameCenter	Text	50
IdSpecies	Long Integer	4
IdGovernorate	Long Integer	4

Table: setup

Columns		
Name	Type	Size
Title	Text	40
IdGovernorate	Long Integer	4
ServerID	Long Integer	4

Table: Sex

Columns		
Name	Type	Size
IdSex	Long Integer	4
NameSex	Text	50

Table: Slaughtering

Columns		
Name	Type	Size
AnimalCode	Long Integer	16
IdSlaughterReason	Long Integer	4
IdResultInspection	Long Integer	4
SlaughteringDate	Date/Time	8
IdMagzer	Long Integer	4
IdGovernorate	Long Integer	4

Table: SlaughterReasons

Columns		
Name	Type	Size
IdSlaughterReason	Long Integer	4
NameSlaughterReason	Text	50

Table: Species

Columns		
Name	Type	Size
IdSpecies	Long Integer	4
NamwSpecies	Text	50

Table: Status

Columns		
Name	Type	Size
IdStatus	Long Integer	4
NameStatus	Text	30

Table: TransferInfo

Columns		
Name	Type	Size
ClientName	Text	50
ConStr	Text	200
LogID	Long Integer	16
LogDate	Date/Time	8
GovID	Long Integer	4
UdlFileName	Text	200
ClientDistence	Long Integer	4

Table: Units

Columns		
Name	Type	Size
IdDirectorate	Long Integer	4
IdUnit	Long Integer	4
NameUnit	Text	50
IdGovernorate	Long Integer	4
UnitType	Long Integer	4

Table: UsersAutho

Columns		
Name	Type	Size
UserID	Long Integer	4
ScrItemID	Long Integer	4

Table: UsersTb

Columns		
Name	Type	Size
ID	Long Integer	4
NeckName	Text	20
FullName	Text	50
PW	Text	20

Table: Vaccine

Columns		
Name	Type	Size
IdVaccine	Long Integer	4
NameVaccine	Text	50

# **Views Structure**

View: rptBullDosesBasData

Columns		
Name	Type	Size
ComCode	Text	21
NameCenter	Text	50
IdCenter	Long Integer	4
RegDate	Date/Time	8
DateDoses	Date/Time	8
Quantity	Double	8
IdDosesType	Long Integer	4
TypeDoses	Text	20
IntervalName	Text	30
IntervalID	Long Integer	16
NamwSpecies	Text	50
IdSpecies	Long Integer	4
NameGenus	Text	50
IdGenus	Long Integer	4
PrintedSerial	Long Integer	16

View: rptBullDosesCountAll

Columns		
Name	Type	Size
SOQ	Double	8
NameCenter	Text	50
IdCenter	Long Integer	4
IdDosesType	Long Integer	4
TypeDoses	Text	20
IntervalName	Text	30
IntervalID	Long Integer	16
NamwSpecies	Text	50
IdSpecies	Long Integer	4
NameGenus	Text	50
IdGenus	Long Integer	4
DateDoses	Date/Time	8

View: rptCongenitalBasData

Columns

Name	Type	Size
IntervalName	Text	30
ComCode	Text	21
AnAge	Text	21
OwnerName	Text	40
NamwSpecies	Text	50
NameGenus	Text	50
NameSex	Text	50
IntervalID	Long Integer	16
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IdSex	Long Integer	4
PrintedSerial	Long Integer	16
IDIdentificattion	Text	15
NameUnit	Text	50
NameDirectorate	Text	50
NameGoverorate	Text	50
IdUnit	Long Integer	4
IdDirectorate	Long Integer	4
IdGoverorate	Long Integer	4
NameDisorder	Text	50
IdDisorder	Long Integer	4
NameCategory	Text	50
IdCategory	Long Integer	4
DateDiagnosis	Date/Time	8



View: rptCongenitalCountAll

Columns		
Name	Type	Size
nos	Long Integer	4
IdSpecies	Long Integer	4
IdGenus	Long Integer	4
IdSex	Long Integer	4
IntervalID	Long Integer	16
NameSex	Text	50
NamwSpecies	Text	50
NameGenus	Text	50
IdCategory	Long Integer	4
NameCategory	Text	50
IdDisorder	Long Integer	4
NameDisorder	Text	50
IntervalName	Text	30
DateDiagnosis	Date/Time	8

View: rptCongenitalCountDir

Columns		
Name	Type	Size
nos	Long Integer	4
IdCategory	Long Integer	4
NameCategory	Text	50
IdDisorder	Long Integer	4
NameDisorder	Text	50
DateDiagnosis	Date/Time	8
IdGoverorate	Long Integer	4
NameGoverorate	Text	50
NameDirectorate	Text	50
IdDirectorate	Long Integer	4
IdSex	Long Integer	4
IdSpecies	Long Integer	4
IdGenus	Long Integer	4
IntervalID	Long Integer	16
NameSex	Text	50
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30

View: rptCongenitalCountGov

Columns

Name	Type	Size
nos	Long Integer	4
IdCategory	Long Integer	4
NameCategory	Text	50
IdDisorder	Long Integer	4
NameDisorder	Text	50
DateDiagnosis	Date/Time	8
IdSex	Long Integer	4
IdSpecies	Long Integer	4
IdGenus	Long Integer	4
IntervallID	Long Integer	16
NameSex	Text	50
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30
IdGoverorate	Long Integer	4
NameGoverorate	Text	50

View: rptCongenitalCountUnit

Columns

Name	Type	Size
nos	Long Integer	4
IdCategory	Long Integer	4
NameCategory	Text	50
IdDisorder	Long Integer	4
NameDisorder	Text	50
DateDiagnosis	Date/Time	8
IdGoverorate	Long Integer	4
NameGoverorate	Text	50
NameDirectorate	Text	50
IdDirectorate	Long Integer	4
IdSex	Long Integer	4
IdSpecies	Long Integer	4
IdGenus	Long Integer	4
IntervallID	Long Integer	16
NameSex	Text	50
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30
IdUnit	Long Integer	4
NameUnit	Text	50

View: rptDeathCountAll

Columns

Name	Type	Size
nos	Long Integer	4
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IntervalID	Long Integer	16
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30
IdAntomyResult	Long Integer	4
NameAntomyResult	Text	30
DeathDate	Date/Time	8
NameSex	Text	50
IdSex	Long Integer	4

View: rptDeathCountDir

Columns

Name	Type	Size
nos	Long Integer	4
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IntervalID	Long Integer	16
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30
IdAntomyResult	Long Integer	4
NameAntomyResult	Text	30
DeathDate	Date/Time	8
IdGoverorate	Long Integer	4
NameGoverorate	Text	50
IdDirectorate	Long Integer	4
NameDirectorate	Text	50
NameSex	Text	50
IdSex	Long Integer	4

View: rptDeathCountGov

Columns

Name	Type	Size
nos	Long Integer	4
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IntervalID	Long Integer	16
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30
IdAntomyResult	Long Integer	4
NameAntomyResult	Text	30
DeathDate	Date/Time	8
IdGoverorate	Long Integer	4
NameGoverorate	Text	50
NameSex	Text	50
IdSex	Long Integer	4

View: rptDeathCountUnit

Columns

Name	Type	Size
nos	Long Integer	4
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IntervalID	Long Integer	16
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30
IdAntomyResult	Long Integer	4
NameAntomyResult	Text	30
DeathDate	Date/Time	8
IdGoverorate	Long Integer	4
NameGoverorate	Text	50
IdDirectorate	Long Integer	4
NameDirectorate	Text	50
IdUnit	Long Integer	4
NameUnit	Text	50
NameSex	Text	50
IdSex	Long Integer	4

View: rptInsamenationCountAll

Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
IntervalID	Long Integer	16
NamwSpecies	Text	50
IdSpecies	Long Integer	4
NameGenus	Text	50
IdGenus	Long Integer	4
IDIdentificattion	Text	15
InseminationDate	Date/Time	8
IdResult	Long Integer	4
NameResult	Text	10

View: rptInsamenationCountDir

Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
IntervalID	Long Integer	16
NamwSpecies	Text	50
IdSpecies	Long Integer	4
NameGenus	Text	50
IdGenus	Long Integer	4
IDIdentificattion	Text	15
InseminationDate	Date/Time	8
IdResult	Long Integer	4
NameResult	Text	10
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
NameDirectorate	Text	50
IdDirectorate	Long Integer	4

View: rptInsamenationCountGov

Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
IntervalID	Long Integer	16
NamwSpecies	Text	50
IdSpecies	Long Integer	4
NameGenus	Text	50
IdGenus	Long Integer	4
IDIdentificattion	Text	15
InseminationDate	Date/Time	8
IdResult	Long Integer	4
NameResult	Text	10
NameGoverorate	Text	50
IdGoverorate	Long Integer	4

View: rptInsamenationCountUnit

Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
IntervalID	Long Integer	16
NamwSpecies	Text	50
IdSpecies	Long Integer	4
NameGenus	Text	50
IdGenus	Long Integer	4
IDIdentificattion	Text	15
InseminationDate	Date/Time	8
IdResult	Long Integer	4
NameResult	Text	10
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
NameDirectorate	Text	50
IdDirectorate	Long Integer	4
NameUnit	Text	50
IdUnit	Long Integer	4

## View: rptQuarantineBasData

## Columns

Name	Type	Size
AnAge	Text	21
ComCode	Text	21
OwnerName	Text	40
NamwSpecies	Text	50
NameGenus	Text	50
NameSex	Text	50
IntervallID	Long Integer	16
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IdSex	Long Integer	4
PrintedSerial	Long Integer	16
IntervalName	Text	30
DateOut	Date/Time	8
DateIn	Date/Time	8
IdCountry	Long Integer	4
NameCountry	Text	50
IDIdentificattion	Text	15
AprovImportNo	Text	50
NamePurpos	Text	50
IdPurpos	Long Integer	4
IdGoverorate	Long Integer	4
NameGoverorate	Text	50
IdDirectorate	Long Integer	4
NameDirectorate	Text	50
NameUnit	Text	50
IdUnit	Long Integer	4

## View: rptQuarCountAll

## Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
IntervallID	Long Integer	16
IdSex	Long Integer	4
NameSex	Text	50
IdSpecies	Long Integer	4
NamwSpecies	Text	50
IdGenus	Long Integer	4
NameGenus	Text	50
IdPurpos	Long Integer	4
NamePurpos	Text	50

View: rptQuarCountDir

Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
IntervalID	Long Integer	16
IdSex	Long Integer	4
NameSex	Text	50
IdSpecies	Long Integer	4
NamwSpecies	Text	50
IdGenus	Long Integer	4
NameGenus	Text	50
IdPurpos	Long Integer	4
NamePurpos	Text	50
IdGoverorate	Long Integer	4
NameGoverorate	Text	50
IdDirectorate	Long Integer	4
NameDirectorate	Text	50

View: rptQuarCountGov

Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
IntervalID	Long Integer	16
IdSex	Long Integer	4
NameSex	Text	50
IdSpecies	Long Integer	4
NamwSpecies	Text	50
IdGenus	Long Integer	4
NameGenus	Text	50
IdPurpos	Long Integer	4
NamePurpos	Text	50
NameGoverorate	Text	50
IdGovernorate	Long Integer	4



View: rptQuarCountQuar

Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
IntervalID	Long Integer	16
IdSex	Long Integer	4
NameSex	Text	50
IdSpecies	Long Integer	4
NamwSpecies	Text	50
IdGenus	Long Integer	4
NameGenus	Text	50
IdPurpos	Long Integer	4
NamePurpos	Text	50
IdGoverorate	Long Integer	4
NameGoverorate	Text	50
IdDirectorate	Long Integer	4
NameDirectorate	Text	50
IdUnit	Long Integer	4
NameUnit	Text	50

View: rptVaccineBasData

Columns

Name	Type	Size
AnAge	Text	21
IdGenus	Long Integer	4
NameGenus	Text	50
IdSpecies	Long Integer	4
NamwSpecies	Text	50
IdSex	Long Integer	4
NameSex	Text	50
RegName	Text	20
IDIdentificattion	Text	15
OwnerName	Text	40
PrintedSerial	Long Integer	16
RecoredDate	Date/Time	8
AnimalCode	Long Integer	16
IntervalName	Text	30
IntervallID	Long Integer	16
NameUnit	Text	50
ComCode	Text	21
IdUnit	Long Integer	4
IdGoverorate	Long Integer	4
NameGoverorate	Text	50
NameDirectorate	Text	50
IdDirectorate	Long Integer	4
IdVaccine	Long Integer	4
NameVaccine	Text	50
DateVaccine	Date/Time	8

View: rptVaccineCountAll

Columns

Name	Type	Size
nos	Long Integer	4
NameVaccine	Text	50
DateVaccine	Date/Time	8
IdVaccine	Long Integer	4
IntervalID	Long Integer	16
IntervalName	Text	30
IdSex	Long Integer	4
IdSpecies	Long Integer	4
IdGenus	Long Integer	4
NameGenus	Text	50
NamwSpecies	Text	50
NameSex	Text	50

View: rptVaccineCountDir

Columns

Name	Type	Size
nos	Long Integer	4
NameVaccine	Text	50
DateVaccine	Date/Time	8
IdVaccine	Long Integer	4
IntervalID	Long Integer	16
IntervalName	Text	30
IdSex	Long Integer	4
IdSpecies	Long Integer	4
IdGenus	Long Integer	4
NameGenus	Text	50
NamwSpecies	Text	50
NameSex	Text	50
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
IdDirectorate	Long Integer	4
NameDirectorate	Text	50

View: rptVaccineCountGov

Columns		
Name	Type	Size
nos	Long Integer	4
NameVaccine	Text	50
DateVaccine	Date/Time	8
IdVaccine	Long Integer	4
IntervalID	Long Integer	16
IntervalName	Text	30
IdSex	Long Integer	4
IdSpecies	Long Integer	4
IdGenus	Long Integer	4
NameGenus	Text	50
NamwSpecies	Text	50
NameSex	Text	50
NameGoverorate	Text	50
IdGoverorate	Long Integer	4

View: rptVaccineCountUnit

Columns		
Name	Type	Size
nos	Long Integer	4
NameVaccine	Text	50
DateVaccine	Date/Time	8
IdVaccine	Long Integer	4
IntervalID	Long Integer	16
IntervalName	Text	30
IdSex	Long Integer	4
IdSpecies	Long Integer	4
IdGenus	Long Integer	4
NameGenus	Text	50
NamwSpecies	Text	50
NameSex	Text	50
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
IdDirectorate	Long Integer	4
NameDirectorate	Text	50
NameUnit	Text	50
IdUnit	Long Integer	4

View: vwTransInfo1

Columns		
Name	Type	Size
NameGoverorate	Text	50
ClientName	Text	50
ConStr	Text	150
LogID	Long Integer	16
LogDate	Date/Time	8
GovID	Long Integer	4
UdlFileName	Text	200
ClientDistance	Long Integer	4

View: rptAllAnBasDataWithAge

Columns		
Name	Type	Size
IntervalName	Text	30
AnimalCode	Long Integer	16
ComCode	Text	21
OwnerName	Text	40
NamwSpecies	Text	50
NameGenus	Text	50
NameSex	Text	50
NameUnit	Text	50
NameDirectorate	Text	50
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
IntervallID	Long Integer	16
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IdUnit	Long Integer	4
IdSex	Long Integer	4
IdDirectorate	Long Integer	4
PrintedSerial	Long Integer	16
RecordedDate	Date/Time	8
IDIdentificattion	Text	15
RegName	Text	20
IdStatus	Long Integer	4
BrithDate	Date/Time	8

## View: rptAnBasData

## Columns

Name	Type	Size
NameUnit	Text	50
NameDirectorate	Text	50
NameGenus	Text	50
BrithDate	Date/Time	8
RecoredDate	Date/Time	8
PrintedSerial	Long Integer	16
OwnerName	Text	40
NameSex	Text	50
NamwSpecies	Text	50
AnimalCode	Long Integer	16
NameGoverorate	Text	50
IDIdentificattion	Text	15
RegName	Text	20
IdGovernorate	Long Integer	4

## View: rptAnBasDataWithAge

## Columns

Name	Type	Size
IntervalName	Text	30
AnimalCode	Long Integer	16
ComCode	Text	21
OwnerName	Text	40
NamwSpecies	Text	50
NameGenus	Text	50
NameSex	Text	50
NameUnit	Text	50
NameDirectorate	Text	50
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
IntervallID	Long Integer	16
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IdUnit	Long Integer	4
IdSex	Long Integer	4
IdDirectorate	Long Integer	4
PrintedSerial	Long Integer	16
RecoredDate	Date/Time	8
IDIdentificattion	Text	15
RegName	Text	20
IdStatus	Long Integer	4
BrithDate	Date/Time	8

View: rptBACount

Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
NameGenus	Text	50
NameSex	Text	50
NamwSpecies	Text	50
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IntervalID	Long Integer	16
IdSex	Long Integer	4

View: rptBACount1

Columns

Name	Type	Size
nos	Long Integer	4
NameSex	Text	50
NamwSpecies	Text	50
NameGenus	Text	50
IntervalName	Text	30
NameGoverorate	Text	50
IntervalID	Long Integer	16
IdSpecies	Long Integer	4
IdGenus	Long Integer	4
IdSex	Long Integer	4
IdGoverorate	Long Integer	4

View: rptBACount2

Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
NamwSpecies	Text	50
NameGenus	Text	50
NameSex	Text	50
NameDirectorate	Text	50
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
IntervalID	Long Integer	16
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IdSex	Long Integer	4
IdDirectorate	Long Integer	4

View: rptBACount3

Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
NamwSpecies	Text	50
NameGenus	Text	50
NameSex	Text	50
NameUnit	Text	50
NameDirectorate	Text	50
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
IntervalID	Long Integer	16
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IdUnit	Long Integer	4
IdSex	Long Integer	4
IdDirectorate	Long Integer	4



View: rptBrusillaBasData

Columns		
Name	Type	Size
AnAge	Text	21
TestDate	Date/Time	8
IdTestResult	Long Integer	4
IdAnimalDestiny	Long Integer	4
IdTestType	Long Integer	4
NameDestiny	Text	10
NameResult	Text	10
NameTest	Text	10
IntervalName	Text	30
ComCode	Text	21
OwnerName	Text	40
NamwSpecies	Text	50
NameGenus	Text	50
NameSex	Text	50
IntervallID	Long Integer	16
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IdSex	Long Integer	4
PrintedSerial	Long Integer	16
IDIdentificattion	Text	15
NameUnit	Text	50
NameDirectorate	Text	50
NameGoverorate	Text	50
IdUnit	Long Integer	4
IdDirectorate	Long Integer	4
IdGoverorate	Long Integer	4

View: rptBrusillaCountAll

Columns

Name	Type	Size
nos	Long Integer	4
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30
NameSex	Text	50
NameTest	Text	10
NameResult	Text	10
NameDestiny	Text	10
TestDate	Date/Time	8
IdSex	Long Integer	4
IdTestType	Long Integer	4
IdAnimalDestiny	Long Integer	4
IdTestResult	Long Integer	4
IntervalID	Long Integer	16
IdSpecies	Long Integer	4
IdGenus	Long Integer	4

View: rptBrusillaCountDir

Columns

Name	Type	Size
nos	Long Integer	4
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30
NameSex	Text	50
NameTest	Text	10
NameResult	Text	10
NameDestiny	Text	10
TestDate	Date/Time	8
IdSex	Long Integer	4
IdTestType	Long Integer	4
IdAnimalDestiny	Long Integer	4
IdTestResult	Long Integer	4
IntervalID	Long Integer	16
IdSpecies	Long Integer	4
IdGenus	Long Integer	4
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
NameDirectorate	Text	50
IdDirectorate	Long Integer	4

View: rptBrusillaCountGov

Columns

Name	Type	Size
nos	Long Integer	4
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30
NameSex	Text	50
NameTest	Text	10
NameResult	Text	10
NameDestiny	Text	10
TestDate	Date/Time	8
IdSex	Long Integer	4
IdTestType	Long Integer	4
IdAnimalDestiny	Long Integer	4
IdTestResult	Long Integer	4
IntervalID	Long Integer	16
IdSpecies	Long Integer	4
IdGenus	Long Integer	4
NameGoverorate	Text	50
IdGoverorate	Long Integer	4

View: rptBrusillaCountUnit

Columns

Name	Type	Size
nos	Long Integer	4
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30
NameSex	Text	50
NameTest	Text	10
NameResult	Text	10
NameDestiny	Text	10
TestDate	Date/Time	8
IdSex	Long Integer	4
IdTestType	Long Integer	4
IdAnimalDestiny	Long Integer	4
IdTestResult	Long Integer	4
IntervalID	Long Integer	16
IdSpecies	Long Integer	4
IdGenus	Long Integer	4
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
NameDirectorate	Text	50
IdDirectorate	Long Integer	4
NameUnit	Text	50
IdUnit	Long Integer	4

View: rptDeathBasData

Columns

Name	Type	Size
NameAntomyResult	Text	30
DeathDate	Date/Time	8
IDIdentificattion	Text	15
PrintedSerial	Long Integer	16
IdSpecies	Long Integer	4
IdGenus	Long Integer	4
IntervallID	Long Integer	16
NameGenus	Text	50
NamwSpecies	Text	50
OwnerName	Text	40
ComCode	Text	21
IntervalName	Text	30
IdUnit	Long Integer	4
NameUnit	Text	50
IdGoverorate	Long Integer	4
NameGoverorate	Text	50
NameDirectorate	Text	50
IdDirectorate	Long Integer	4
IdAntomyResult	Long Integer	4
NameSex	Text	50
IdSex	Long Integer	4
Result	Text	50
Namemple	Text	50

View: rptInsamenationBasData

Columns

Name	Type	Size
IntervalName	Text	30
ComCode	Text	21
OwnerName	Text	40
NamwSpecies	Text	50
NameGenus	Text	50
NameSex	Text	50
NameUnit	Text	50
NameDirectorate	Text	50
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
IntervalID	Long Integer	16
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IdSex	Long Integer	4
IdUnit	Long Integer	4
IdDirectorate	Long Integer	4
PrintedSerial	Long Integer	16
IDIdentificattion	Text	15
InseminationDate	Date/Time	8
BullNo	Long Integer	16
IdResult	Long Integer	4
NameResult	Text	10
BullPrintedSerial	Long Integer	16

View: rptMagazerBasData

Columns

Name	Type	Size
AnAge	Text	21
NameMagzer	Text	50
IdSlaughterReason	Long Integer	4
NameSlaughterReason	Text	50
IdMagzer	Long Integer	4
SlaughteringDate	Date/Time	8
IdInspectionResult	Long Integer	4
NameInspectionResult	Text	30
IdGenus	Long Integer	4
NameGenus	Text	50
IdSpecies	Long Integer	4
NamwSpecies	Text	50
IdSex	Long Integer	4
NameSex	Text	50
RegName	Text	20
IDIdentificattion	Text	15
OwnerName	Text	40
PrintedSerial	Long Integer	16
RecoredDate	Date/Time	8
AnimalCode	Long Integer	16
IntervalName	Text	30
IntervallID	Long Integer	16
NameUnit	Text	50
ComCode	Text	21
IdUnit	Long Integer	4
IdGoverorate	Long Integer	4
NameGoverorate	Text	50
IdDirectorate	Long Integer	4
NameDirectorate	Text	50



## View: rptMagCountAll

## Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
NamwSpecies	Text	50
NameGenus	Text	50
NameSex	Text	50
IntervallID	Long Integer	16
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IdSex	Long Integer	4
IdSlaughterReason	Long Integer	4
NameSlaughterReason	Text	50
SlaughteringDate	Date/Time	8
IdInspectionResult	Long Integer	4
NameInspectionResult	Text	30

## View: rptMagCountDir

## Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
NamwSpecies	Text	50
NameGenus	Text	50
NameSex	Text	50
NameDirectorate	Text	50
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
IntervallID	Long Integer	16
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IdSex	Long Integer	4
IdDirectorate	Long Integer	4
IdSlaughterReason	Long Integer	4
NameSlaughterReason	Text	50
SlaughteringDate	Date/Time	8
IdInspectionResult	Long Integer	4
NameInspectionResult	Text	30

View: rptMagCountGov

Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
NamwSpecies	Text	50
NameGenus	Text	50
NameSex	Text	50
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
IntervalID	Long Integer	16
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IdSex	Long Integer	4
IdSlaughterReason	Long Integer	4
NameSlaughterReason	Text	50
SlaughteringDate	Date/Time	8
IdInspectionResult	Long Integer	4
NameInspectionResult	Text	30

## View: rptMagCountMag

## Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
NamwSpecies	Text	50
NameGenus	Text	50
NameSex	Text	50
NameDirectorate	Text	50
NameUnit	Text	50
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
IntervallID	Long Integer	16
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IdUnit	Long Integer	4
IdSex	Long Integer	4
IdDirectorate	Long Integer	4
NameMagzer	Text	40
IdMagzer	Long Integer	4
IdSlaughterReason	Long Integer	4
NameSlaughterReason	Text	50
SlaughteringDate	Date/Time	8
IdInspectionResult	Long Integer	4
NameInspectionResult	Text	30

View: rptMagCountUnit

Columns

Name	Type	Size
nos	Long Integer	4
IntervalName	Text	30
NamwSpecies	Text	50
NameGenus	Text	50
NameSex	Text	50
NameUnit	Text	50
NameDirectorate	Text	50
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
IntervallID	Long Integer	16
IdGenus	Long Integer	4
IdSpecies	Long Integer	4
IdUnit	Long Integer	4
IdSex	Long Integer	4
IdDirectorate	Long Integer	4
IdSlaughterReason	Long Integer	4
NameSlaughterReason	Text	50
SlaughteringDate	Date/Time	8
IdInspectionResult	Long Integer	4
NameInspectionResult	Text	30

View: rptPregnancyBasData

Columns

Name	Type	Size
ComCode	Text	21
PrintedSerial	Long Integer	16
OwnerName	Text	40
AnAge	Text	21
IDIdentificattion	Text	15
ExaminationDate	Date/Time	8
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30
AnimalCode	Long Integer	16
IdSpecies	Long Integer	4
IntervalID	Long Integer	16
IdGenus	Long Integer	4
ExaminationResult	Text	10
IdGoverorate	Long Integer	4
NameGoverorate	Text	50
NameDirectorate	Text	50
NameUnit	Text	50
IdDirectorate	Long Integer	4
IdUnit	Long Integer	4
IdResult	Long Integer	4

View: rptPregnancyCountAll

Columns

Name	Type	Size
nos	Long Integer	4
ExaminationResult	Binary	10
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30
IdSpecies	Long Integer	4
IntervalID	Long Integer	16

View: rptPregnancyCountDir

Columns

Name	Type	Size
nos	Long Integer	4
ExaminationResult	Binary	10
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30
IdSpecies	Long Integer	4
IntervalID	Long Integer	16
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
NameDirectorate	Text	50
IdDirectorate	Long Integer	4

View: rptPregnancyCountGov

Columns

Name	Type	Size
nos	Long Integer	4
ExaminationResult	Binary	10
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30
IdSpecies	Long Integer	4
IntervalID	Long Integer	16
NameGoverorate	Text	50
IdGoverorate	Long Integer	4

View: rptPregnancyCountUnit

Columns

Name	Type	Size
nos	Long Integer	4
ExaminationResult	Binary	10
NameGenus	Text	50
NamwSpecies	Text	50
IntervalName	Text	30
IdSpecies	Long Integer	4
IntervalID	Long Integer	16
NameGoverorate	Text	50
IdGoverorate	Long Integer	4
NameDirectorate	Text	50
IdDirectorate	Long Integer	4
NameUnit	Text	50
IdUnit	Long Integer	4

View: vwAnimalAges

Columns

Name	Type	Size
age	Long Integer	4
Gamal	Long Integer	4
BrithDate	Date/Time	8
RegName	Text	20
IDIdentificattion	Text	15
OwnerName	Text	40
IdSpecies	Long Integer	4
IdStatus	Long Integer	4
PrintedSerial	Long Integer	16
IdCountry	Long Integer	4
IdGenus	Long Integer	4
IdSex	Long Integer	4
RecoredDate	Date/Time	8
IdUnit	Long Integer	4
AnimalCode	Long Integer	16
IdGovernorate	Long Integer	4

View: vwAnimalRec

Columns

Name	Type	Size
IdGovernorate	Long Integer	4
AnimalCode	Long Integer	16
IdUnit	Long Integer	4
BrithDate	Date/Time	8
RecoredDate	Date/Time	8
IdSex	Long Integer	4
IdGenus	Long Integer	4
IdCountry	Long Integer	4
PrintedSerial	Long Integer	16
IdStatus	Long Integer	4
IdSpecies	Long Integer	4
OwnerName	Text	40
IDIdentificattion	Text	15
RegName	Text	20
IdDirectorate	Long Integer	4

View: vwDir

Columns

Name	Type	Size
NameDirectorate	Text	50
IdDirectorate	Long Integer	4
IdGoverorate	Long Integer	4

View: vwQuarantine

Columns

Name	Type	Size
IdQuarantine	Long Integer	4
NameQuarantine	Text	50
IdGovernorate	Long Integer	4
IdDirectorate	Long Integer	4



View: vwQuarantineOld

Columns

Name	Type	Size
IdQuarantine	Long Integer	4
NameQuarantine	Text	50
IdGovernorate	Long Integer	4
IdDirectorate	Long Integer	4

View: vwSetup

Columns

Name	Type	Size
IdGovernorate	Long Integer	4
Title	Text	40
NameGoverorate	Text	50
ServerID	Long Integer	4

View: vwTransInfo

Columns

Name	Type	Size
NameGoverorate	Text	50
ClientName	Text	50
ConStr	Text	150
LogID	Long Integer	16
LogDate	Date/Time	8
GovID	Long Integer	4
UdiFileName	Text	200
ClientDistence	Long Integer	4

View: vwUnit

Columns

Name	Type	Size
IdDirectorate	Long Integer	4
IdUnit	Long Integer	4
NameUnit	Text	50
IdGovernorate	Long Integer	4
UnitType	Long Integer	4

View: vwUserAutho

Columns

Name	Type	Size
GroupName	Text	50
ItemName	Text	50
NeckName	Text	20
FullName	Text	50
PW	Text	20
UserID	Long Integer	4
GroupID	Long Integer	4

# **Stored Procedures Code**

```
CREATE PROCEDURE AnByGovAndNo @IDGov int, @no1 float AS
select * from animalsrec
where IdGovernorate=@IDGov
and animalCode = @no1
GO
```

```
CREATE PROCEDURE AnByNo @no1 float AS
declare @IDGov int
select @IDGov = (select IdGovernorate from setup )
select * from animalsrec
where IdGoverorate=@IDGov and
animalcode =@no1
GO
```

```
CREATE PROCEDURE Chart1 AS
SELECT COUNT(*) AS nos, IntervalName, NameGenus
FROM rptBACount
GROUP BY IntervalName, NameGenus
GO
```

```
CREATE PROCEDURE Get1Dir @GovID int, @DirID int AS
select * from directorate
where IdDirectorate = @DirID
and idGoverorate = @GovID
GO
```

```
CREATE PROCEDURE GetAnimalAnalysis @AnimaId float,@IDGov int, @IdType int AS
select * from AnimalAnalysis
where AnimalCode = @AnimaId
and IdGovernorate= @IDGov
and IDSampleType= @IdType
GO
```

```
CREATE PROCEDURE GetAnimalByNo @no1 float AS
declare @IDGov int
select @IDGov = (select IdGovernorate from setup )
select * from vwAnimalRec
where IdGovernorate=@IDGov and
animalcode =@no1
GO
```

```
CREATE PROCEDURE GetAnimalBySerial @no1 float AS
declare @IDGov int
select @IDGov = (select IdGovernorate from setup )
select * from vwAnimalRec
where PrintedSerial =@no1 and IdGovernorate=@IDGov
GO
```

```
CREATE PROCEDURE GetAnimalDate @IDNo int,@IDGov int AS
select max (DateStatus) from AnimalStatus
where IdAnimal = @IDNo
and IdGovernorate=@IDGov
```

**GO**

**CREATE PROCEDURE GetAnimalDiag @IdAnimall int, @DataDiagnosis smalldatetime, @IdDisorder int, @IdGovernorate int AS**

select \* from AnimalDiagnosis  
where  
IdAnimall = @IdAnimall and  
DateDiagnosis = @DataDiagnosis and  
IdDisorder = @IdDisorder and  
IdGovernorate = @IdGovernorate

**GO**

**CREATE PROCEDURE GetAnimalPregDate @AnimaId float,@IDGov int, @TestDate smalldatetime AS**

select \* from PregnancyTest  
where AnimalCode = @AnimaId  
and IdGovernorate= @IDGov  
and ExaminationDate= @TestDate

**GO**

**CREATE PROCEDURE GetAnimalQuarantineByNo @No float, @GID int AS**

select \* from AnimalQuarantine  
where AnimalCode=@No and  
IdGovernorate=@GID

**GO**

**CREATE PROCEDURE GetAnimalVaccine @IdAnimal decimal, @IdGov int, @IdVaccine int,@VDate smalldatetime AS**

select \* from AnimalVaccine  
where IdAnimal = @IdAnimal and  
IdGovernorate = @IdGov and  
IdVaccine = @IdVaccine and  
DateVaccine = @VDate

**GO**

**CREATE PROCEDURE GetAntomyResult @IdAntResult int AS**

select \* from AntomyResult  
where IdAntomyResult = @IdAntResult

**GO**

**CREATE PROCEDURE GetBul\_DosesByNoAndGov @IDGov int, @no1 float AS**

select \* from Doses  
where IdGovernorate=@IDGov  
and IdAnimal = @no1

**GO**

**CREATE PROCEDURE GetBulByNoAndGov @IDGov int, @no1 float AS**

select \* from Bulls  
where IdGovernorate=@IDGov  
and IdAnimal = @no1

**GO**

```
CREATE PROCEDURE GetBullQuantityByNoAndDate @No float, @Dt smalldatetime, @GID int AS  
select * from Doses  
where IdAnimal=@No and  
DateDoses=@Dt and  
IdGovernorate=@GID  
GO
```

```
CREATE PROCEDURE GetCat_Dis @Catid int As  
select * from Category  
where  
IdCategory = @Catid  
GO
```

```
CREATE PROCEDURE GetCategoryByName @Name varchar (50) AS  
select * from Category  
where NameCategory = @Name  
GO
```

```
CREATE PROCEDURE dbo.GetConnInfoByName @CName varchar (50)AS  
SELECT * FROM TransferInfo WHERE ClientName = @CName  
GO
```

```
CREATE PROCEDURE GetCountry @CountryID int AS  
select * from Country  
where idCountry = @CountryID  
GO
```

```
CREATE PROCEDURE GetCountryByName @CountryName varchar (50)AS  
select * from Country  
where NameCountry= @CountryName  
GO
```

```
CREATE PROCEDURE GetCurrDate AS  
Select getDate()  
GO
```

```
CREATE PROCEDURE GetDeathRec @IDNo float,@IDGov int AS  
select * from Death  
where AnimalCode = @IDNo  
and IdGovernorate=@IDGov  
GO
```

```
CREATE PROCEDURE GetDiag @DiagID int AS  
select * from Diagnosis  
where IdDiagnosis = @DiagID  
GO
```

```
CREATE PROCEDURE GetDir @GovID int AS  
select * from directorate  
where idGoverorate = @GovID  
GO
```

```
CREATE PROCEDURE GetDirID @GovID int, @DirName varchar (50)as  
select * from directorate  
where idGoverorate = @GovID  
and NameDirectorate = @DirName  
GO
```

```
CREATE PROCEDURE GetDirIDByUnitID @GovID int, @UnitID int AS  
select idDirectorate from Units  
where IdGovernorate = @GovID  
and idUnit = @UnitID  
GO
```

```
CREATE PROCEDURE GetDirName @GovID int, @DirID int AS  
select * from directorate  
where idGoverorate = @GovID  
and idDirectorate = @DirID  
GO
```

```
CREATE PROCEDURE GetDisByNo @no1 int AS  
select * from diorders  
where iddiorders < @no1  
GO
```

```
CREATE PROCEDURE GetDisorders @DisId int AS  
select * from Disorders  
where IdDisorder = @DisId  
GO
```

```
CREATE PROCEDURE GetDisordersByName @CatId int, @Name varchar (50) AS  
select * from Disorders  
where  
NameDisorder = @Name and  
IdCategory = @CatId  
GO
```

```
CREATE PROCEDURE GetGenus @GenuisID int AS  
select * from Genus  
where idGenus = @GenuisID  
GO
```

```
CREATE PROCEDURE GetGenusByName @SpeciesId int, @Name varchar (50) AS  
select * from Genus  
where  
NameGenus = @Name and  
IdSpecies = @SpeciesId  
GO
```

```
CREATE PROCEDURE GetGov @GovID int AS  
select * from governorate  
where idGoverorate = @GovID  
GO
```

**CREATE PROCEDURE GetGovByName @GovName varchar (50) AS**

select \* from governorate  
where NameGoverorate = @GovName  
**GO**

**CREATE PROCEDURE GetInsaminationByNoAndDate @No float, @Dt smalldatetime,  
@GID int AS**

select \* from Insemination  
where AnimalCode=@No and  
InseminationDate=@Dt and  
IdGovernorate=@GID  
**GO**

**CREATE PROCEDURE GetInspectionResult @ID int AS**

select \* from InspectionResult  
where IdInspectionResult = @ID  
**GO**

**CREATE PROCEDURE GetLatestStatus @IDNo float,@IDGov int AS**

declare @lastDate smalldatetime  
select @lastDate =(select max(DateStatus) As LastDate1 from AnimalStatus where IdAnimal =  
@IDNo  
and IdGovernorate=@IDGov)  
select \* from AnimalStatus  
where IdAnimal = @IDNo  
and IdGovernorate=@IDGov  
and DateStatus = @lastDate  
**GO**

**CREATE PROCEDURE GetLatestStatusBeforeDate @IDNo float,@IDGov int,@lastDate  
smalldatetime AS**

select \* from AnimalStatus  
where IdAnimal = @IDNo  
and IdGovernorate=@IDGov  
and DateStatus < @lastDate  
**GO**

**CREATE PROCEDURE dbo.GetLogFromServer @ServerID int,@maxLog decimal(18,0) AS**

select \* from logtbothers  
where serverid = @ServerID  
and logid > @maxLog  
order by logid  
**GO**

**CREATE PROCEDURE getLogtb @LastLog float AS**

/\* declare @lastLogID decimal(28,0)  
select @lastLogID = (select logid from TransferInfo where GovId= @IDGov)  
\*/  
select \* from logtb  
where logid > @lastLog  
order by logid  
**GO**



```

CREATE PROCEDURE dbo.getLogtbOthers @LastLog float AS
/* declare @lastLogID decimal(28,0)
select @lastLogID = (select logid from TransferInfo where GovId= @IDGov)
*/
select * from LogtbOthers
where logid > @lastLog
order by logid
GO

```

```

CREATE PROCEDURE GetMagzer @MagzerID int AS
select * from magzer
where idMagzer = @MagzerID
GO

```

```

CREATE PROCEDURE GetMagzerByName @DirId int, @MagzerName varchar (50)AS
select * from magzer
where
NameMagzer = @MagzerName and
IdDirectorate = @DirId
GO

```

```

CREATE PROCEDURE GetMaxAnimalDiag @IdAnimall int, @IdGovernorate int,
@IdDisorder int, @date smalldatetime, @f int AS
if @IdDisorder = 0 and @f=0
begin
    declare @maxDate1 smalldatetime
    select @maxDate1 = (select max(DateDiagnosis) from AnimalDiagnosis
                        where IdAnimall = @IdAnimall
                        and IdGovernorate = @IdGovernorate)

    select *
    from AnimalDiagnosis
    where IdAnimall = @IdAnimall
    and IdGovernorate = @IdGovernorate
    and DateDiagnosis = @maxDate1
end

else if @IdDisorder=0
begin
    select *
    from AnimalDiagnosis
    where IdAnimall = @IdAnimall
    and IdGovernorate = @IdGovernorate
    and DateDiagnosis = @date
end

else if @f=0
begin
    declare @maxDate2 smalldatetime
    select @maxDate2 = (select max(DateDiagnosis) from AnimalDiagnosis
                        where IdAnimall = @IdAnimall
                        and IdGovernorate = @IdGovernorate
                        and IdDisorder = @IdDisorder)

```

```

select *
from AnimalDiagnosis
where IdAnimall = @IdAnimall
and IdGovernorate = @IdGovernorate
and DateDiagnosis = @maxDate2
end

```

```

else
begin
select *
from AnimalDiagnosis
where IdAnimall = @IdAnimall
and IdGovernorate = @IdGovernorate
and IdDisorder = @IdDisorder
and DateDiagnosis = @date
end
GO

```

**CREATE PROCEDURE dbo.GetMaxAnimalOwner @GovID int, @AnimalID int, @Date smalldatetime, @f int AS**

```

if @f = 0
begin
declare @maxDate smalldatetime
select @maxDate = (select Max(OwnerShipDate) from AnimalOwners
where
AnimalCode = @AnimalID
and IdGovernorate = @GovID)
select *
from AnimalOwners
where
IdGovernorate = @GovID
and AnimalCode = @AnimalID
and OwnerShipDate = @maxDate
end

```

```

else
begin
select * from AnimalOwners
where
IdGovernorate = @GovID
and AnimalCode = @AnimalID
and OwnerShipDate = @Date
end
GO

```

**CREATE PROCEDURE GetMaxAnimalOwnerDate @GovID int, @AnimalID int, @Date smalldatetime, @f int AS**

```

if @f = 0
begin
declare @maxDate smalldatetime
select @maxDate = (select Max(OwnerShipDate) from AnimalOwners
where
AnimalCode = @AnimalID

```

```

        and IdGovernorate = @GovID)
select *
from AnimalOwners
where
    IdGovernorate = @GovID
    and AnimalCode = @AnimalID
    and OwnerShipDate = @maxDate
end

else
begin
select * from AnimalOwners
where
    IdGovernorate = @GovID
    and AnimalCode = @AnimalID
    and OwnerShipDate = @Date
end
GO

```

**CREATE PROCEDURE GetMaxAnimalPregDate @GovID int, @AnimalID int, @Date smalldatetime, @f int AS**

```

if @f = 0
begin
declare @maxDate smalldatetime
select @maxDate = (select Max(ExaminationDate) from PregnancyTest
    where
        AnimalCode = @AnimalID
        and IdGovernorate = @GovID)
select *
from PregnancyTest
where
    IdGovernorate = @GovID
    and AnimalCode = @AnimalID
    and ExaminationDate = @maxDate
end

else
begin
select * from PregnancyTest
where
    IdGovernorate = @GovID
    and AnimalCode = @AnimalID
    and ExaminationDate = @Date
end
GO

```

**CREATE PROCEDURE GetMaxAnimalVaccine @IdAnimal decimal, @IdGov int, @IdVaccine int, @Date smalldatetime, @f int AS**

```

if @IdVaccine = 0 and @f = 0
begin
declare @maxDate1 smalldatetime
select @maxDate1 = (select max(DateVaccine) from AnimalVaccine
    where IdAnimal = @IdAnimal

```

```
and IdGovernorate = @IdGov)
```

```
select *  
from AnimalVaccine  
where IdAnimal = @IdAnimal  
and IdGovernorate = @IdGov  
and DateVaccine = @maxDate1
```

```
end
```

```
else if @IdVaccine = 0
```

```
begin
```

```
select *  
from AnimalVaccine  
where IdAnimal = @IdAnimal  
and IdGovernorate = @IdGov  
and DateVaccine = @Date
```

```
end
```

```
else if @f = 0
```

```
begin
```

```
declare @maxDate2 smalldatetime  
select @maxDate2 = (select max(DateVaccine) from AnimalVaccine  
where IdAnimal = @IdAnimal  
and IdGovernorate = @IdGov  
and IdVaccine = @IdVaccine)
```

```
select *  
from AnimalVaccine  
where IdAnimal = @IdAnimal  
and IdGovernorate = @IdGov  
and DateVaccine = @maxDate2
```

```
end
```

```
else
```

```
begin
```

```
select *  
from AnimalVaccine  
where IdAnimal = @IdAnimal  
and IdGovernorate = @IdGov  
and DateVaccine = @Date  
and IdVaccine = @IdVaccine
```

```
end
```

```
GO
```

```
CREATE PROCEDURE GetMaxBullQuantityDate @GovID int, @AnimalID int, @Date  
smalldatetime, @f int AS
```

```
if @f = 0
```

```
begin
```

```
declare @maxDate smalldatetime  
select @maxDate = (select Max(DateDoses) from Doses  
where  
IdAnimal = @AnimalID  
and IdGovernorate = @GovID)
```

```
select * from Doses  
where
```

```

        IdGovernorate = @GovID
        and IdAnimal = @AnimalID
        and DateDoses = @maxDate
end
else
begin
    select * from Doses
    where
        IdGovernorate = @GovID
        and IdAnimal = @AnimalID
        and DateDoses = @Date
end
GO

```

**CREATE PROCEDURE GetMaxInsaminationDate @GovID int, @AnimalID int, @Date smalldatetime, @f int AS**

```

if @f=0
begin
    declare @maxDate smalldatetime
    select @maxDate = (select Max(InseminationDate) from Insemination
        where
            AnimalCode = @AnimalID
            and IdGovernorate = @GovID)
    select * from Insemination
    where
        IdGovernorate = @GovID
        and AnimalCode = @AnimalID
        and InseminationDate = @maxDate
end
else
begin
    select * from Insemination
    where
        IdGovernorate = @GovID
        and AnimalCode = @AnimalID
        and InseminationDate = @Date
end
GO

```

**CREATE PROCEDURE dbo.GetMaxLogDate AS**

```

select Max(logdate) as MaxLogdate from logtb
GO

```

**CREATE PROCEDURE dbo.GetMaxLogid AS**

```

select Max(logid) as MaxLogID from logtb
GO

```

**CREATE PROCEDURE dbo.GetMaxLogidFromServer @ServerID int AS**

```

select Max(logid) as MaxLogID from logtbothers
where serverid = @ServerID
GO

```

**CREATE PROCEDURE GetMaxOwnerDate @GovID int, @AnimalID int AS**

select Max(OwnerShipDate) from AnimalOwners where

IdGovernorate = @GovID

and AnimalCode = @AnimalID

**GO**

**CREATE PROCEDURE GetMaxParturationAbortionDate @GovID int, @AnimalID int,  
@Date smalldatetime, @f int AS**

if @f = 0

begin

declare @maxDate smalldatetime

select @maxDate = (select Max(ParturationAbortionDate) from ParturationAbortion  
where

AnimalCode = @AnimalID

and IdGovernorate = @GovID)

select \* from ParturationAbortion

where

IdGovernorate = @GovID

and AnimalCode = @AnimalID

and ParturationAbortionDate = @maxDate

end

else

begin

select \* from ParturationAbortion

where

IdGovernorate = @GovID

and AnimalCode = @AnimalID

and ParturationAbortionDate = @Date

end

**GO**

**CREATE PROCEDURE GetMaxTBbyNoDate @GovID int, @AnimalID int, @DD  
smalldatetime, @f int AS**

if @f = 0

begin

declare @maxDate smalldatetime

select @maxDate = (select Max(TestDate) from AnimalBrussell  
where

IdAnimal = @AnimalID

and IdGovernorate = @GovID)

select \* from AnimalBrussell

where

IdGovernorate = @GovID

and IdAnimal = @AnimalID

and TestDate = @maxDate

end

else

begin

select \* from AnimalBrussell

where

IdGovernorate = @GovID

```
        and IdAnimal = @AnimalID
        and TestDate = @DD
end
GO
```

```
CREATE PROCEDURE GetMinBullQuantityDate @GovID int, @AnimalID int AS
select Min(DateDoses) from Doses
where
    IdAnimal = @AnimalID
    and IdGovernorate = @GovID
GO
```

```
CREATE PROCEDURE GetOwnerByAn_Gov_Date @No int, @Dt smalldatetime, @GID int
AS
select * from AnimalOwners
where AnimalCode=@No and
    OwnerShipDate=@Dt and
    IdGovernorate=@GID
GO
```

```
CREATE PROCEDURE GetPartAborByNoAndDate @No float, @Dt datetime, @GID int AS
select * from ParturationAbortion
where AnimalCode=@No and
    ParturationAbortionDate=@Dt and
    IdGovernorate=@GID
GO
```

```
CREATE PROCEDURE GetPartType @PartTypeID int AS
select * from PartType
where IdPartType = @PartTypeID
GO
```

```
CREATE PROCEDURE GetParturationAbortion @GovID int, @AnimalID int,
@partaborDate atetime AS
select * from ParturationAbortion where
    IdGovernorate = @GovID
    and AnimalCode = @AnimalID
    and ParturationAbortionDate = @partaborDate
GO
```

```
CREATE PROCEDURE GetParturationAbortionMaxDate @GovID int, @AnimalID int AS
select Max(ParturationAbortionDate) from ParturationAbortion where
    IdGovernorate = @GovID
    and AnimalCode = @AnimalID
GO
```

```
CREATE PROCEDURE GetQuarantine @QuarantineID int AS
select * from Quarantine
where IdQuarantine = @QuarantineID
GO
```

```
CREATE PROCEDURE GetQuarantineByName @DirId int, @QuarantineName varchar  
(50)AS  
select * from Units  
where  
NameUnit= @QuarantineName and  
IdDirectorate = @DirId and  
UnitType=0  
GO
```

```
CREATE PROCEDURE GetQuarantinePurpos @PurposID int AS  
select * from QuarantinePurpos  
where IdPurpos = @PurposID  
GO
```

```
CREATE PROCEDURE GetResult @ResultID int AS  
select * from BrussellaResult  
where IdResult = @ResultID  
GO
```

```
CREATE PROCEDURE getSetup AS  
Select * from vwsetup  
GO
```

```
CREATE PROCEDURE GetSex @SexID int AS  
select * from Sex  
where idSex = @SexID  
GO
```

```
CREATE PROCEDURE GetSlaughteringRec @IDNo float,@IDGov int AS  
select * from Slaughtering  
where AnimalCode = @IDNo  
and IdGovernorate=@IDGov  
GO
```

```
CREATE PROCEDURE GetSlaughterReasons @ID int AS  
select * from SlaughterReasons  
where IdSlaughterReason = @ID  
GO
```

```
CREATE PROCEDURE GetSmnCntrBySpc @SpeciesID int AS  
select * from SemenCenter  
where IdSpecies = @SpeciesID  
GO
```

```
CREATE PROCEDURE GetSpecies @SpeciesID int AS  
select * from Species  
where IdSpecies = @SpeciesID  
GO
```



```
CREATE PROCEDURE GetSpeciesByName @Name varchar (50) AS  
select * from Species  
where NamwSpecies = @Name  
GO
```

```
CREATE PROCEDURE GetStatus @StatusID int AS  
select * from Status  
where idStatus = @StatusID  
GO
```

```
CREATE PROCEDURE GetSumOfAnimals AS  
select count(*) as sum1 from animalsRec  
GO
```

```
CREATE PROCEDURE GetTBbyNoDate @IdA int, @IdGov int, @TDate smalldatetime AS  
select * from AnimalBrussell  
where IdAnimal = @IdA  
and IdGovernorate = @idGov  
and TestDate = @TDate  
GO
```

```
CREATE PROCEDURE GetUnit @UnitID int AS  
select * from Units  
where idUnit = @UnitID  
GO
```

```
CREATE PROCEDURE GetUnitByName @GovId int, @DirId int, @UnitName varchar (50)  
AS  
select * from Units  
where NameUnit = @UnitName and  
IdDirectorate = @DirId and  
IdGovernorate = @GovId and  
UnitType=1  
GO
```

```
CREATE PROCEDURE GetUserByName @UserName1 varchar (20) AS  
select * from UsersTB  
where NeckName = @UserName1  
GO
```

```
CREATE PROCEDURE GetVaccine @Name varchar (50) AS  
select * from Vaccine  
where NameVaccine = @Name  
GO
```

```
CREATE PROCEDURE GetVaccineByName @Id int AS  
select * from Vaccine  
where IdVaccine = @Id  
GO
```

```
CREATE PROCEDURE insertIntoLog @Action varchar(500), @NeckName varchar(20) AS  
declare @IDGov int  
select @IDGov = (select IdGovernorate from setup )
```

```

declare @ServerID int
select @ServerID = (select ServerID from setup )
insert into logtb (IdGovernorate,strLog,logDate,ServerID,NeckName)
values(@IDGov,@Action,GetDate(),@ServerID,@NeckName)
GO

```

```

CREATE PROCEDURE dbo.insertIntoLog1 @IDGov int,@ServerID int,@LogID
float,@logDate datetime,@ Action varchar(500), @NeckName varchar(20) AS
insert into Logtb (logid,IdGovernorate,ServerID,strLog,logDate,NeckName)
values(@LogID,@IDGov,@ServerID,@ Action,@logDate,@NeckName)
GO

```

```

CREATE PROCEDURE dbo.insertIntoLogOthers @IDGov int,@ServerID int,@LogID
float,@logDate datetime,@ Action varchar(500), @NeckName varchar(20) AS
insert into LogtbOthers (logid,IdGovernorate,ServerID,strLog,logDate,NeckName)
values(@LogID,@IDGov,@ServerID,@ Action,@logDate,@NeckName)
GO

```

```

CREATE PROCEDURE dbo.maintainHisFile AS
delete
FROM logtb
WHERE DATEDIFF(day,logdate, GETDATE()) > 30
delete
FROM LogtbOthers
WHERE DATEDIFF(day,logdate, GETDATE()) > 30
GO

```

```

CREATE PROCEDURE rptGetGenRatio AS
declare @sum1 int
select @sum1 =(select count(*) from animalsRec)
declare @male1 decimal(6,0)
select @male1 =(select count(*) from animalsrec where idsex =1)
select (@male1/ @sum1)*100
GO

```

```

CREATE PROCEDURE rptGetGenRatioParam @Gen int AS
declare @sum1 int
select @sum1 =(select count(*) from animalsRec where idgenus=@Gen)
declare @male1 decimal(9,0)
select @male1 =(select count(*) from animalsrec where idsex =1 and idgenus=@Gen)
declare @ratio decimal (5,2)
select @ratio = (@male1/ @sum1)*100
select @ratio
GO

```

```

CREATE PROCEDURE SelectMax @GovID int, @AnimalID int AS
begin
    declare @maxDate smalldatetime

    declare @maxDate1 smalldatetime
    declare @maxDate2 smalldatetime
    declare @maxDate3 smalldatetime

```

```

declare @maxDate4 smalldatetime
declare @maxDate5 smalldatetime
declare @maxDate6 smalldatetime
declare @maxDate7 smalldatetime
declare @maxDate8 smalldatetime
declare @maxDate9 smalldatetime

select @maxDate9=( select Max(BrithDate) from AnimalsRec
    where
        AnimalCode = @AnimalID
        and IdGovernorate = @GovID
)

select @maxDate1=(select Max(ParturationAbortionDate) from ParturationAbortion
    where
        AnimalCode = @AnimalID
        and IdGovernorate = @GovID
)

select @maxDate2=( select Max(TestDate) from AnimalBrussell
    where
        IdAnimal= @AnimalID
        and IdGovernorate= @GovID
)

select @maxDate3 =(select Max(DateDiagnosis) from AnimalDiagnosis
    where
        IdAnimal= @AnimalID
        and IdGovernorate= @GovID
)

select @maxDate4=( select Max(DateVaccine) from AnimalVaccine
    where
        IdAnimal = @AnimalID
        and IdGovernorate= @GovID
)select @maxDate5 =(select Max(DateDoses) from Doses
    where
        IdAnimal= @AnimalID
        and IdGovernorate= @GovID
)

select @maxDate6=( select Max(InseminationDate) from Insemination
    where
        AnimalCode= @AnimalID
        and IdGovernorate= @GovID
)

select @maxDate7 =(select Max(ExaminationDate) from PregnancyTest
    where
        AnimalCode= @AnimalID
        and IdGovernorate= @GovID
)

select @maxDate8=( select Max(DateOut) from AnimalQuarantine
    where
        AnimalCode = @AnimalID
        and IdGovernorate = @GovID
        and DateOut is not null
)

```

```

begin
if (@maxDate8 = NULL )
    select @maxDate8=( select Max(DateIn) from AnimalQuarantine
        where
            AnimalCode = @AnimalID
            and IdGovernorate = @GovID
    )

```

```

end
begin
if (@maxDate9 != NULL )
sET    @maxDate = @maxDate9
else
if (@maxDate1 != NULL )
sET    @maxDate = @maxDate1
else
if (@maxDate2 != NULL )
sET    @maxDate = @maxDate2
else
if (@maxDate3 != NULL )
sET    @maxDate = @maxDate3
else
if (@maxDate4 != NULL )
sET    @maxDate = @maxDate4
else
if (@maxDate5 != NULL )
sET    @maxDate = @maxDate5
else
if (@maxDate6 != NULL )
sET    @maxDate = @maxDate6
else
if (@maxDate7 != NULL )
sET    @maxDate = @maxDate7
else
if (@maxDate8 != NULL )
sET    @maxDate = @maxDate8
end

```

```

if @maxDate<@maxDate1
select @maxDate=@maxDate1

```

```

if @maxDate<@maxDate2
select @maxDate=@maxDate2

```

```

if @maxDate<@maxDate3
select @maxDate=@maxDate3

```

```

if @maxDate<@maxDate4
select @maxDate=@maxDate4
if @maxDate<@maxDate5
select @maxDate=@maxDate5
if @maxDate<@maxDate6
select @maxDate=@maxDate6

```

```

if @maxDate<@maxDate7
select @maxDate=@maxDate7
if @maxDate<@maxDate8
select @maxDate=@maxDate8
if @maxDate<@maxDate9
select @maxDate=@maxDate9
select @maxDate as SelectMax
end
GO

```

```

CREATE PROCEDURE "sp_MSdel_AnimalAnalysis" @pkc1 int,@pkc2 decimal(25,0),@pkc3
int AS
delete "AnimalAnalysis"
where "IdGovernorate" = @pkc1 and "AnimalCode" = @pkc2 and "IDSampleType" = @pkc3
GO

```

```

CREATE PROCEDURE "sp_MSdel_AnimalBrussell" @pkc1 decimal(25,0),@pkc2 int,@pkc3
int,@pkc4 int,@pkc5 smalldatetime AS
delete "AnimalBrussell"
where "IdAnimal" = @pkc1 and "IdGovernorate" = @pkc2 and "IdUnit" = @pkc3 and "IdTestType"
= @pkc4 and "TestDate" = @pkc5
GO

```

```

CREATE PROCEDURE "sp_MSdel_AnimalDestiny" @pkc1 int as
delete "AnimalDestiny"
where "IdDestiny" = @pkc1
GO

```

```

CREATE PROCEDURE "sp_MSdel_AnimalDiagnosis" @pkc1 decimal(25,0),@pkc2
int,@pkc3 smalldatetime,@pkc4 int as
delete "AnimalDiagnosis"
where "IdAnimall" = @pkc1 and "IdDisorder" = @pkc2 and "DateDiagnosis" = @pkc3 and
"IdGovernorate" = @pkc4
GO

```

```

CREATE PROCEDURE "sp_MSdel_AnimalQuarantine" @pkc1 decimal(25,0),@pkc2
int,@pkc3 int as
delete "AnimalQuarantine"
where "IdAnimal" = @pkc1 and "IdQuarantine" = @pkc2 and "IdGovernorate" = @pkc3
GO

```

```

CREATE PROCEDURE "sp_MSins_AnimalAnalysis" @c1 int,@c2 decimal(25,0),@c3 int,@c4
nvarchar(50),@c5 int as
insert into "AnimalAnalysis" values ( @c1,@c2,@c3,@c4,@c5 )
GO

```

```

CREATE PROCEDURE "sp_MSins_AnimalDestiny" @c1 int,@c2 nvarchar(10) as
insert into "AnimalDestiny" values ( @c1,@c2 )
GO

```

```

CREATE PROCEDURE "sp_MSins_AnimalDiagnosis" @c1 decimal(25,0),@c2 int,@c3
smalldatetime,@c4 int,@c5 int as
insert into "AnimalDiagnosis" values ( @c1,@c2,@c3,@c4,@c5 )

```

**GO**

```
CREATE PROCEDURE "sp_MSins_AnimalQuarantine" @c1 decimal(25,0),@c2 int,@c3  
smalldatetime,@c4 smalldatetime,@c5 int,@c6 nvarchar(50),@c7 nvarchar(50),@c8 int  
as  
insert into "AnimalQuarantine" values ( @c1,@c2,@c3,@c4,@c5,@c6,@c7,@c8 )  
GO
```

```
CREATE PROCEDURE "sp_MSupd_AnimalAnalysis"  
@c1 int,@c2 decimal(25,0),@c3 int,@c4 nvarchar(50),@c5 int,@pkc1 int,@pkc2  
decimal(25,0),@pkc3 int  
,@bitmap binary(1)  
as  
if substring(@bitmap,1,1) & 1 = 1 or substring(@bitmap,1,1) & 2 = 2 or substring(@bitmap,1,1) & 4  
= 4  
update "AnimalAnalysis" set  
"IdGovernorate" = case substring(@bitmap,1,1) & 1 when 1 then @c1 else "IdGovernorate" end  
,"AnimalCode" = case substring(@bitmap,1,1) & 2 when 2 then @c2 else "AnimalCode" end  
,"IDSampleType" = case substring(@bitmap,1,1) & 4 when 4 then @c3 else "IDSampleType" end  
,"Result" = case substring(@bitmap,1,1) & 8 when 8 then @c4 else "Result" end  
,"IdUnit" = case substring(@bitmap,1,1) & 16 when 16 then @c5 else "IdUnit" end  
where "IdGovernorate" = @pkc1 and "AnimalCode" = @pkc2 and "IDSampleType" = @pkc3  
else  
update "AnimalAnalysis" set  
"Result" = case substring(@bitmap,1,1) & 8 when 8 then @c4 else "Result" end  
,"IdUnit" = case substring(@bitmap,1,1) & 16 when 16 then @c5 else "IdUnit" end  
where "IdGovernorate" = @pkc1 and "AnimalCode" = @pkc2 and "IDSampleType" = @pkc3  
GO
```

```
CREATE PROCEDURE "sp_MSupd_AnimalBrussell"  
@c1 decimal(25,0),@c2 int,@c3 int,@c4 int,@c5 smalldatetime,@c6 int,@c7 int,@pkc1  
decimal(25,0),@pkc2 int,@pkc3 int,@pkc4 int,@pkc5 smalldatetime  
,@bitmap binary(1)  
as  
if substring(@bitmap,1,1) & 1 = 1 or substring(@bitmap,1,1) & 2 = 2 or substring(@bitmap,1,1) & 4  
= 4 or substring(@bitmap,1,1) & 8 = 8 or substring(@bitmap,1,1) & 16 = 16  
update "AnimalBrussell" set  
"IdAnimal" = case substring(@bitmap,1,1) & 1 when 1 then @c1 else "IdAnimal" end  
,"IdGovernorate" = case substring(@bitmap,1,1) & 2 when 2 then @c2 else "IdGovernorate" end  
,"IdUnit" = case substring(@bitmap,1,1) & 4 when 4 then @c3 else "IdUnit" end  
,"IdTestType" = case substring(@bitmap,1,1) & 8 when 8 then @c4 else "IdTestType" end  
,"TestDate" = case substring(@bitmap,1,1) & 16 when 16 then @c5 else "TestDate" end  
,"IdTestResult" = case substring(@bitmap,1,1) & 32 when 32 then @c6 else "IdTestResult" end  
,"IdAnimalDestiny" = case substring(@bitmap,1,1) & 64 when 64 then @c7 else "IdAnimalDestiny"  
end  
where "IdAnimal" = @pkc1 and "IdGovernorate" = @pkc2 and "IdUnit" = @pkc3 and "IdTestType"  
= @pkc4 and "TestDate" = @pkc5  
else  
update "AnimalBrussell" set  
"IdTestResult" = case substring(@bitmap,1,1) & 32 when 32 then @c6 else "IdTestResult" end  
,"IdAnimalDestiny" = case substring(@bitmap,1,1) & 64 when 64 then @c7 else "IdAnimalDestiny"  
end
```

where "IdAnimal" = @pkc1 and "IdGovernorate" = @pkc2 and "IdUnit" = @pkc3 and "IdTestType"  
= @pkc4 and "TestDate" = @pkc5

**GO**

**CREATE PROCEDURE "sp\_MSUpd\_AnimalDestiny"**

**@c1 int,@c2 nvarchar(10),@pkc1 int**

**,@bitmap binary(1)**

**as**

if substring(@bitmap,1,1) & 1 = 1

update "AnimalDestiny" set

"IdDestiny" = case substring(@bitmap,1,1) & 1 when 1 then @c1 else "IdDestiny" end

,"NameDestiny" = case substring(@bitmap,1,1) & 2 when 2 then @c2 else "NameDestiny" end

where "IdDestiny" = @pkc1

else

update "AnimalDestiny" set

"NameDestiny" = case substring(@bitmap,1,1) & 2 when 2 then @c2 else "NameDestiny" end

where "IdDestiny" = @pkc1

**GO**

**CREATE PROCEDURE "sp\_MSUpd\_AnimalDiagnosis"**

**@c1 decimal(25,0),@c2 int,@c3 smalldatetime,@c4 int,@c5 int,@pkc1 decimal(25,0),@pkc2**

**int,@pkc3 smalldatetime,@pkc4 int**

**,@bitmap binary(1)**

**as**

if substring(@bitmap,1,1) & 1 = 1 or substring(@bitmap,1,1) & 2 = 2 or substring(@bitmap,1,1) & 4  
= 4 or substring(@bitmap,1,1) & 8 = 8

update "AnimalDiagnosis" set

"IdAnimall" = case substring(@bitmap,1,1) & 1 when 1 then @c1 else "IdAnimall" end

,"IdDisorder" = case substring(@bitmap,1,1) & 2 when 2 then @c2 else "IdDisorder" end

,"DateDiagnosis" = case substring(@bitmap,1,1) & 4 when 4 then @c3 else "DateDiagnosis" end

,"IdGovernorate" = case substring(@bitmap,1,1) & 8 when 8 then @c4 else "IdGovernorate" end

,"IdUnit" = case substring(@bitmap,1,1) & 16 when 16 then @c5 else "IdUnit" end

where "IdAnimall" = @pkc1 and "IdDisorder" = @pkc2 and "DateDiagnosis" = @pkc3 and

"IdGovernorate" = @pkc4

else

update "AnimalDiagnosis" set

"IdUnit" = case substring(@bitmap,1,1) & 16 when 16 then @c5 else "IdUnit" end

where "IdAnimall" = @pkc1 and "IdDisorder" = @pkc2 and "DateDiagnosis" = @pkc3 and

"IdGovernorate" = @pkc4

**GO**

**CREATE PROCEDURE "sp\_MSUpd\_AnimalQuarantine"**

**@c1 decimal(25,0),@c2 int,@c3 smalldatetime,@c4 smalldatetime,@c5 int,@c6**

**nvarchar(50),@c7 nvarchar(50),@c8 int,@pkc1 decimal(25,0),@pkc2 int,@pkc3 int**

**,@bitmap binary(2)**

**as**

if substring(@bitmap,1,1) & 1 = 1 or substring(@bitmap,1,1) & 2 = 2 or substring(@bitmap,1,1) &  
128 = 128

update "AnimalQuarantine" set

"IdAnimal" = case substring(@bitmap,1,1) & 1 when 1 then @c1 else "IdAnimal" end

,"IdQuarantine" = case substring(@bitmap,1,1) & 2 when 2 then @c2 else "IdQuarantine" end

,"DateIn" = case substring(@bitmap,1,1) & 4 when 4 then @c3 else "DateIn" end

,"DateOut" = case substring(@bitmap,1,1) & 8 when 8 then @c4 else "DateOut" end

```

,"IdCountry" = case substring(@bitmap,1,1) & 16 when 16 then @c5 else "IdCountry" end
,"Purpos" = case substring(@bitmap,1,1) & 32 when 32 then @c6 else "Purpos" end
,"AprovImportNo" = case substring(@bitmap,1,1) & 64 when 64 then @c7 else "AprovImportNo"
end
,"IdGovernorate" = case substring(@bitmap,1,1) & 128 when 128 then @c8 else "IdGovernorate" end
where "IdAnimal" = @pkc1 and "IdQuarantine" = @pkc2 and "IdGovernorate" = @pkc3
else
update "AnimalQuarantine" set
"DateIn" = case substring(@bitmap,1,1) & 4 when 4 then @c3 else "DateIn" end
,"DateOut" = case substring(@bitmap,1,1) & 8 when 8 then @c4 else "DateOut" end
,"IdCountry" = case substring(@bitmap,1,1) & 16 when 16 then @c5 else "IdCountry" end
,"Purpos" = case substring(@bitmap,1,1) & 32 when 32 then @c6 else "Purpos" end
,"AprovImportNo" = case substring(@bitmap,1,1) & 64 when 64 then @c7 else "AprovImportNo"
end
where "IdAnimal" = @pkc1 and "IdQuarantine" = @pkc2 and "IdGovernorate" = @pkc3
GO

```

### **CREATE PROCEDURE test AS**

```

declare @str char(200)
select @str = "select * from units"
execute @str
GO

```

### **CREATE PROCEDURE TestAnimalRecExists @IDGov int, @no1 float AS**

```

select idgovernorate,animalcode
from AnimalsRec
where exists (select * from Slaughtering where animalcode=AnimalsRec.animalcode and
animalcode=@no1 and idgovernorate=@IDGov and idgovernorate=AnimalsRec.idgovernorate)
or exists
(select * from AnimalVaccine where idanimal=AnimalsRec.animalcode and idanimal=@no1 and
idgovernorate=@IDGov and idgovernorate=AnimalsRec.idgovernorate)
or exists
(select * from Death where AnimalCode=AnimalsRec.animalcode and AnimalCode=@no1 and
IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
or exists
(select * from AnimalDiagnosis where IdAnimal=AnimalsRec.animalcode and IdAnimal=@no1 and
IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
or exists
(select * from AnimalBrussell where IdAnimal=AnimalsRec.animalcode and IdAnimal=@no1 and
IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
or exists
(select * from Bulls where IdAnimal=AnimalsRec.animalcode and IdAnimal=@no1 and
IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
or exists
(select * from ParturationAbortion where AnimalCode=AnimalsRec.animalcode and
AnimalCode=@no1 and IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
or exists
(select * from PregnancyTest where AnimalCode=AnimalsRec.animalcode and AnimalCode=@no1
and IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
or exists
(select * from Insemination where AnimalCode=AnimalsRec.animalcode and AnimalCode=@no1 and
IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
or exists

```



```
(select * from Doses where IdAnimal=AnimalsRec.animalcode and IdAnimal=@no1 and
IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
```

**GO**

**CREATE PROCEDURE TestAnimalRecNotExists @IDGov int, @no1 float AS**

```
select idgovernorate,animalcode
from AnimalsRec
where exists
(select * from AnimalVaccine where idanimal=AnimalsRec.animalcode and idanimal=@no1 and
idgovernorate=@IDGov and idgovernorate=AnimalsRec.idgovernorate)
or exists
(select * from Death where AnimalCode=AnimalsRec.animalcode and AnimalCode=@no1 and
IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
or exists
(select * from AnimalDiagnosis where IdAnimall=AnimalsRec.animalcode and IdAnimall=@no1 and
IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
or exists
(select * from AnimalBrussell where IdAnimal=AnimalsRec.animalcode and IdAnimal=@no1 and
IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
or exists
(select * from AnimalQuarantine where AnimalCode=AnimalsRec.animalcode and
AnimalCode=@no1 and IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
or exists
(select * from Bulls where IdAnimal=AnimalsRec.animalcode and IdAnimal=@no1 and
IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
or exists
(select * from ParturationAbortion where AnimalCode=AnimalsRec.animalcode and
AnimalCode=@no1 and IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
or exists
(select * from PregnancyTest where AnimalCode=AnimalsRec.animalcode and AnimalCode=@no1
and IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
or exists
(select * from Insemination where AnimalCode=AnimalsRec.animalcode and AnimalCode=@no1 and
IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
or exists
(select * from Doses where IdAnimal=AnimalsRec.animalcode and IdAnimal=@no1 and
IdGovernorate=@IDGov and IdGovernorate=AnimalsRec.idgovernorate)
```

**GO**

**CREATE PROCEDURE ValidStatus @no1 float, @IDGov int AS**

```
declare @status1 int
select @status1 =(select idstatus from animalsrec
where IdGovernorate=@IDGov and
animalcode=@no1)
if @status1 = 0 select "0"
else if @status1 = 1 select "1"
else if @status1 = 2 select "2"
else if @status1 = 3 select "3"
else select "4"
```

**GO**