

TABLE DESIGN

ONLINE KRISHI BHAVAN – AGROCOMPANION

SCRUM MASTER – MS. SHELLY SHIJU GEORGE

SUBMITTED BY

BINISHA C B

S3 RMCA A

ROLL NO:3

1.tb1_login

Primary key : loginId

No.	Field name	Datatype	Key constraints	description
1	loginId	Int(20)	Primary key	Id of the user
2	username	Varchar(50)	Not null	Name of the user
3	password	Varchar(50)	Not null	Password
4	systemdate	date	Not null	System date
5	status	boolean	Not null	0 and 1

2.tb2_registration

Primary key : reg_id

Foreign key : loginId

No.	Field name	Datatype	Key constraints	description
1	reg_id	Int(20)	Primary key	Registration id
2	loginId	Int(20)	Foreign key	Login table id
3	email	Varchar(50)	Not null	Email id
4	phone	Int(50)	Not null	Phone
5	user_type_id	Int(20)	Not null	Type of user's id
6	reg	date	Not null	Date of registration

3.tb3_usertype

Primary key : userTypeId

No.	Field name	Datatype	Key constraints	description
1	userTypeId	Int(70)	Primary key	User type id
2	userTypeName	Varchar(80)	Not null	Type of the user

4.tb4_state

Primary key : dis_id

No.	Field name	Datatype	Key constraints	description
1	dis_id	Int(70)	Primary key	Id of the district
2	disName	Varchar(80)	Not null	Name of the district

5.tb5_block

Primary key : block_id

No.	Field name	Datatype	Key constraints	description
1	block_id	Int(70)	Primary key	Id of the block
2	block_name	Varchar(80)	Not null	Name of the block
3	dis_id	Int(70)	Foreign key	Dis_id from state table

6.tb6_krishibhavan

Primary key : krishibhavan_id

Foreign key : block_id

No.	Field name	Datatype	Key constraints	description
1	krishibhavan_id	Int(70)	Primary key	User type id
2	krishibhavanName	Varchar(80)	Not null	Name of the krishi bhavan
3	block_id	Int(70)	Foreign key	From the block table
4	k_phoneNo	Int(70)	Not null	Krishibhavan phone number
5	k_email	Varchar(70)	Not null	Email of the krishibhavan

7.tb7_farmer

Primary key : farmer_id

Foreign key : krishibhavan_id, land_id

No.	Field name	Datatype	Key constraints	description
1	farmer_Id	Int(70)	Primary key	Farmer id
2	loginId	Int(70)	Foreign key	From the login table
3	DOB	date	Not null	Date of birth
4	district_id	Int(70)	Foreign key	From state table
5	proof of permanent residency	Varchar(200)	Not null	Proof
6	b_account_number	Int(80)	Not null	Bank account number
7	IFSC code	Varchar(80)	Not null	IFSC code
8	bankBranch	Varchar(80)	Not null	Branch name
9	krishibhavan_id	Int(70)	Foreign key	From krishibhavan table
10	land_id	Int(80)	Foreign key	From land table

8.tb8_designation

Primary key : desg_id

No.	Field name	Datatype	Key constraints	description
1	desg_id	Int(70)	Primary key	Id for designation
2	desg_name	Varchar(80)	Not null	Name of the designation

9.tb9_officer

Primary key : officer_id

Foreign key : loginId, desg_id

No.	Field name	Datatype	Key constraints	description
1	officer_id	Int(70)	Primary key	Id of the officer
2	loginId	Int(70)	Foreign key	From the login table
3	krishibhavan_id	Int(70)	Foreign key	From krishibhavan table
4	desg_id	Int(70)	Foreign key	From designation table

10.tb10_croptype

Primary key : cropTypeId

No.	Field name	Datatype	Key constraints	description
1	cropTypeId	Int(70)	Primary key	Crop type id
2	cropTypeName	Varchar(80)	Not null	Type of the crop

11.tb11_crop

Primary key : crop_id

Foreign key : cropTypeId

No.	Field name	Datatype	Key constraints	description
1	crop_id	Int(70)	Primary key	crop id
2	cropName	Varchar(80)	Not null	Name of the crop
3	cropTypeId	Int(70)	Foreign key	From crop type table
4	climate	Varchar(80)	Not null	Suitable climate to grow
5	sow_date	date	Not null	Date of sowing crop
6	harvest_date	date	Not null	Preferred date of harvest
7	features	Varvhar(100)	Not null	Features of the crop

12.tb12_fertType

Primary key : fertType_id

No.	Field name	Datatype	Key constraints	description
1	fertType_id	Int(70)	Primary key	Fertilizer type id
2	fertTypeName	Varchar(80)	Not null	Type of the fertilizer

13.tb13_fertilizers

Primary key : fertilizer_id

No.	Field name	Datatype	Key constraints	description
1	fertilizer_id	Int(70)	Primary key	fertilizer id
2	fertilizerName	Varchar(80)	Not null	name of the user
3	unit_price	Int(80)	Not null	Unit price
4	quantity	Int(80)	Not null	Quantity available
5	description	Varchar(80)	Not null	Describe the product
6	manufactured_date	Date	Not null	Manufactured date
7	expiry_date	Date	Not null	Expiry date

14.tb14_seedtype

Primary key : seedTypeId

No.	Field name	Datatype	Key constraints	description
1	seedTypeId	Int(70)	Primary key	Seed type id
2	seedTypeName	Varchar(80)	Not null	Type of the seed

15.tb15_equipment_type

Primary key : equip_type_id

No.	Field name	Datatype	Key constraints	description
1	equip_type_id	Int(70)	Primary key	Id of the equipment
2	equipType	Varchar(80)	Not null	Type of the equipment

16.tb16_seed

Primary key : seed_id

Foreign key : supplier_id,seedTypeId

No.	Field name	Datatype	Key constraints	description
1	seed_id	Int(70)	Primary key	seed id
2	seedName	Varchar(80)	Not null	Name of the seed
3	seedTypeId	Int(70)	Foreign key	From table seedType
4	seed_climate	Varchar(80)	Not null	Suitable climate of seed
5	maintainenceInfo	Varchar(200)	Not null	Manitainance information
6	supplier_id	Int(80)	Foreign key	From supplier table
7	seedPrice	Decimal(10,2)	Not null	Price of the seed
8	seedQuantity	Decimal(10,2)	Not null	Quantity of seed
9	dateManufactured	Date	Not null	Manufacturing date

17.tb17_machines/equipments

Primary key : equipment_id

Foreign key : equip_type_id, supplier_id

No.	Field name	Datatype	Key constraints	description
1	equipment_id	Int(80)	Primary key	equipment id
2	equipmentName	Varchar(80)	Not null	Name of the equipment
3	equip_type_id	Int(70)	Foreign key	From equipType table
4	supplier_id	Int(80)	Foreign key	From supplier table
5	equip_price	Decimal(10,2)	Not null	price
6	equip_quantity	Decimal(10,2)	Not null	Quantity

18.tb18_land details

Primary key : land-id

Foreign key : block_id

No.	Field name	Datatype	Key constraints	description
1	land_id	Int(70)	Primary key	Land id
2	landOwner	Varchar(80)	Not null	Name of the owner
3	land-area	Decimal(10,2)	Not null	Land area
4	land_name	Varchar(100)	Not null	Name of the land
5	block_id	Int(80)	Foreign key	From block table

19.tb19_news

Primary key : news_id

No.	Field name	Datatype	Key constraints	description
1	newsId	Int(70)	Primary key	news id
2	content	Varchar(80)	Not null	Content of news
3	add_Date	Date	Not null	Date of news added

20.tb20_livestock

Primary key : livestock_id

No.	Field name	Datatype	Key constraints	description
1	livestock_id	Int(70)	Primary key	livestock id
2	livestockName	Varchar(80)	Not null	Name of the livestock
3	breed	Varchar(80)	Not null	Breed
4	healthStatus	Varchar(100)	Not null	Status of health

21.tb21_schemes

Primary key : scheme_id

No.	Field name	Datatype	Key constraints	description
1	scheme_id	Int(70)	Primary key	Id of the scheme
2	schemeName	Varchar(80)	Not null	Name of the scheme
3	description	Varchar(80)	Not null	Describe the scheme
4	eligibility	Varchar(100)	Not null	Eligibility
5	applicationdate	Date	Not null	Date to apply
6	deadline	Date	Not null	Last date to apply

22.tb22_appointment Scheduling

Primary key : appointment_id

Foreign key : officerId, farmer-id

No.	Field name	Datatype	Key constraints	description
1	appointment_id	Int(70)	Primary key	appointment id
2	officerId	Int(80)	Foreign key	From officer table
3	farmer-id	int(80)	Foreign key	From farmer table
4	appoint_date	Date	Not null	Date of appointment
5	time	Decimal	No null	Time of appointment
6	purpose	Varchar(100)	Not null	Purpose
7	status	Boolean	Not null	0 and 1

23.tb23_supplier

Primary key : supplier_id

Foreign key : login_id

No.	Field name	Datatype	Key constraints	description
1	supplier_id	Int(70)	Primary key	supplier id
2	loginId	Int(70)	Foreign key	From login table