

Table Design

User Table

Column Name	Data Type	Constraints
User-id	int	Primary Key
User type	varchar	Not Null

Registration Table

Column name	Data type	Constraints
Reg_id	int	Primary key
User id	int	Foreign name
Fname	varchar(25)	Not null
Lname	varchar(25)	Not null
Email	varchar(50)	Not null, Unique
Phone_no	varchar(15)	Not null, Unique
Registration_date	timestamp	Not null

Login Table

Column Name	Data type	
Login id	int	Primary key
Reg. id	int	Foreign key
Password	varchar	Not null
Last_login	timestamp	Not null

Address Table: for custom anj

Column name	Data type	Constraints
Address_id	int	Primary key
Reg_id	int	Foreign key
House_name	varchar(25)	Not null
Street	varchar(25)	Not null
City	varchar(25)	Not null
District	varchar(25)	Not null
Location	varchar(25)	Not null
Landmark	varchar(50)	Not null
Pin_code	int	Not null
Postoffice	varchar(25)	Not null

Delivery boy table

Column name	Data type	Constraints
DB_Id	int	Primary key
Reg_id	int	Foreign key
Vehicle_no	varchar(20)	Unique Not null
Location	varchar(20)	Null

Specialist table

Column name	Data type	Constraints
Specialist_id	int	Primary key
Reg_id	int	Foreign key
Experienced_area	varchar(200)	Not null

Category table

Column name	Data type	Constraints
Cid	int	Primary key
Cname	varchar(25)	Not null

Product table

Column name	Data type	Constraints
Pid	int	Primary key
cid	int	Foreign key
Pname	varchar(25)	Not null

Product variety table

Column name	Data type	Constraints
Pvid	int	Primary key
Pid	int	Foreign key

<u>varietyname</u>	varchar(50)	Null
Price	double()	Not null
Description	text	Null
Product image	blob	Not null
Stock	int	Not null
Sunlight	enum	Null
Water	enum	Null
Climate	enum	Null
Growth	enum	Null
Height	enum	Null

Cart table (temporary storage)

Column name	Data type	Constraints
Cart_id	Int	Primary key
Reg_id	Int	Foreign key
Product_id	Int	Foreign key
Quantity	Int	Not null

Payment method table

Column name	Data type	Constraints
Payment_method_id	int	Primary key
Method_name	varchar(25)	Not null
Description	text	Null

Payment Details Table

Column name	Data type	Constraints
Payment_id	int	Primary key
Order_id	int	Foreign key
Payment_method_id	int	Foreign key
Pay_amount	decimal()	Not null
Payment_date	timestamp	Not null
Transaction_id	varchar(100)	Null
Payment_status	enum	Null

Delivery Table

Column name	Data type	Constraints
Delivery id	int	Primary key
Order id	int	Foreign key
Delivery person id	int	Foreign key
Delivery date	time stamp	Not null
status	boolean	Not null

Review table

Column name	Data type	Constraints
Reviews id	int	Primary key
Reg id	int	Foreign key
Product id	int	Foreign key
Rating	int	Not null
Review text	text	Null
Review date	time stamp	

Plant care table

Column name	Data type	Constraints
Pcid	int	Primary key
Pvid	int	Foreign key
Planting method	text	
Plant size	decimal(10,2)	Not null
Distance (Area needed for growing)	decimal(10,2)	Not null
Description	text	
Fertilizers	varchar(100)	Not null

Blog Table

Column name	Data type	Constraints
Blog id	int	Primary key
Title	varchar(50)	Not null
Content	text	Not null
Image/Video	blob	null
Reg. id	int	Foreign key
Published on	time stamp	Not null
Updated on	time stamp	Not null

Monitor table

Column name	Data type	Constraints
Monitor_id	int	Primary key
Reg_id (custom)	int	Foreign key
Register_no	time stamp	Not null
Plant	varchar(25)	Not null
Variety name	varchar(20)	Not null
Plant image	blob	Null
Age	int	Not null
Length	double(10,)	Null
Planting method description	T=text	Not null
No of plants	int	Not null
Area of cultivation	double(10,)	Not Null
Extra details	text	Null
Plant care instructions	text	Null
Pesticides/Fertilizers	varchar(50)	Null

Monthly monitor Table

Column name	Data type	Constraints
Mmid	int	Primary key
Monitor_id	int	Foreign key
Updated on	time stamp	Not null
Plant image	blob	Null
Length	double(10,)	Null
Condition	text	Not null
Expert_feedback	text	Null
Pesticide/fertilizers	varchar(100)	Null
Reg_id	int	Null

Order table

Column name	Data type	Constraints
Order_id	int	Primary key
User_id	int	Foreign key
Order_date	date/time	Not null
Product_id	int	Foreign key

quantity	int	Not null
Price	decimal(10,)	Not null
Total_amout	decimal(10,)	Not null
status	Boolean	Not null