

TABLE DESIGN

1.Tbl_Userdetails

Primary key: **user_id**

Foreign key:**address_id**

No.	Field Name	Datatype(size)	Keyconstraints	Description
1	UserId	int	Primary key	Unique identifier for each user.
2	Username	Varchar(20)	NotNull	User's username for login.
3	Password	Varchar(20)	NotNull	Securely hashed password.
4	Email	Varchar(50)	NotNull	User's email address.
5	Full Name	Varchar(20)	NotNull	Full name of user.
6	Adress_id	int	Foreign Key	Primary key of address table

2.Tbl Service

Primary key: **service_id**

No.	Field Name	Datatype(size)	Keyconstraint s	Description
1	ServiceId	int	Primarykey	Unique identifier for each service.
2	ServiceName	Varchar(20)	<i>NotNull</i>	Name of the repair service.
3	Description	Varchar(255)	NotNull	Detailed description of the service.
4	Price	Decimal(10,2)	NotNull	Service cost.

3.Tbl Review

Primary key: **ReviewId**

Foreign key:**BookingId**

No.	Field Name	Datatype(size)	Keyconstraints	Description
1	ReviewId	int	Primary key	Unique identifier for each reviews.
2	BookingId	int	Foreign key	References booking table.
3	Rating	<i>int</i>	NotNull	Numeric rating given by the user..

4	Comment	Text	NotNull	Customer's reviews and comments.
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4.Tbl Technician

Primary key:**Technician_id**

Foreign key:**user_id**

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	Technician_id	IntegerField(10)	PK	Unique id for Technician
2	Full_name	Charfield(20)	Not Null	Full name of technician
3	Phone_number	number	Not Null	Phone number of technician
4	Email	Charfield(20)	Not Null	Email of technician
5	Username	Charfield (20)	Not Null	Username of technician
6	Password	Charfield (2000)	Not Null	Password
7	User_id	IntegerField	FK	Id from auth_user table

5. Tbl_Laptop_brand

Primary key: brand_id

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	Brand_id	IntegerField(10)	PK	Unique id for Brand
2	Name	CharField(200)	Null	Brand_name

6. Tbl _Address

Primary key: address_id

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	Address_id	IntegerField(20)	PK	Unique id for address
2	Home_address	CharField(200)	Null	Home address
3	city	CharField(100)	Not Null	City
4	pincode	PositiveIntegerField(10)	Not Null	Pincode

7.Tbl _payment

Primary key: **payment_id**

Foreign key: **Booking_id** references table **Tbl_Booking**, **user_id** references table **Tbl_userdetails**

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	payment_id	IntegerField(10)	PK	Unique id for payment
2	user_id	IntegerField(10)	Null	Store payment_id
3	Booking_id	IntgerField(10)	Foreign Key	Uniquely Identify booking
4	date	datefield	NotNull	Date of payment
5	amount	IntegerField(100)	Not Null	Amount of payment
6	status	Boolean Field	Not Null	Show payment status

8. Tbl_Product_Exchange

Primary key:**exchange_id**

Foreign key: product_id references table **Tbl_Product**, **user_id** references table **Tbl_userdetails**

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	exchange_id	IntegerField(10)	PK	Unique id for exchange
2	user_id	IntegerField(10)	Foreign Key	Identifier for the user initiating the exchange
3	Product_id	IntgerField(10)	Foreign Key	Identifier for the product being exchanged
4	ExchangeDate	datefield	NotNull	Date of exchange
5	amount	IntegerField(100)	Not Null	Amount of exchange
6	status	varchar	Not Null	Current status of the exchange (e.g., pending, completed)

9. Tbl_Cart

Primary key:**exchange_id**

Foreign key: **product_id** references table **Tbl_Product**, **user_id** references table **Tbl_userdetails**

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	cart_id	IntegerField(10)	PK	Unique id for cart
2	user_id	IntegerField(10)	Foreign Key	Identifier for the user initiating the exchange
3	Product_id	IntgerField(10)	Foreign Key	Identifier for the product being exchanged
4	Quantity	IntgerField(10)	NotNull	Quantity of products

10. Tbl_Product

Primary key:**exchange_id**

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	Product_id	IntegerField(10)	PK	Unique identifier for the product
2	Name	varchar	Not Null	Name or title of the product
3	Description	varchar	Not Null	Detailed description of the product
4	Condition	varchar	NotNull	Condition of the product (e.g., new, used)
5	Price	IntegerField(100)	Not Null	Amount of product
6	Availability	Boolean	Not Null	Indicates whether the product is available for exchange

11. Tbl_Delivery_boy

Primary key:**delivery_boy_id**

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	delivery_boy_id	IntegerField(10)	PK	Unique id for delivery boy

2	Name	varchar	Not Null	Delivery boy's full name
3	Address	varchar	Not Null	Delivery boy's address
4	Phone	number	NotNull	Delivery boy's phone number
5	Email	varchar	Not Null	Delivery boy's email
6	Availability	Boolean	Not Null	Indicates whether the delivery boy is available for assignments