

TABLE DESIGN

1.Tbl_users_reg

Primary key: **User_id**

No.	Field Name	Datatype (Size)	Key Constraints	Description of the field
1.	User_id	AutoField	Primary Key	Unique identifier for use
2.	username	CharField(150)	Unique	User's username
3.	Password	CharField	Not Null	User's password
4.	Email	EmailField	Unique	Users'email
5.	First_name	CharField(30)	Not Null	User's first name
6.	Last_name	CharField(30)	Not Null	User's last name
7.	Gender	CharField(30)	Not Null	User's gender
7.	role	CharField(100)	Default:""	Role or user type

2.Tbl_UserProfile

Primary key: **UserProfile_id**

Foreign key: **User_id** references table **Tbl_users_reg**

No.	Field name	Datatype (Size)	Key Constraints	Description of the field.
1.	User_id	OneToOneField	Foreign Key	Reference to Tbl_users_reg
2.	Image	ImageField	Not Null	Image field for user profile picture
3	Phone_number	CharField(255)	Not Null	User's phone number
4	dob	CharField(255)	Not Null	User's dob
5	age	CharField(15)	Not Null	User's age
6.	Address	TextField	Not Null	User's address
7.	bloodgroup	CharField(10)	Not Null	User's bloodgroup
8.	City	CharField(50)	Not Null	City of user's location
9.	State	CharField(50)	Not Null	State of user's location

3.Tbl_DoctorProfile

Primary key: **Doctor_id**

Foreign key: **User_id** references table **Tbl_users_reg**

No.	Field name	Datatype (Size)	Key Constraints	Description of the field.
1.	User_id	OneToOneField	Foreign Key	Reference to Tbl_users_reg
2.	Image	ImageField	Not Null	Image field for doctor profile picture
3	Phone_number	CharField(255)	Not Null	Doctor's phone number
4	dob	CharField(255)	Not Null	Doctor's dob
5	age	CharField(15)	Not Null	Doctor's age
6.	Address	TextField	Not Null	Doctor's address
7.	bloodgroup	CharField(10)	Not Null	Doctor's bloodgroup
8.	City	CharField(50)	Not Null	City of Doctor's location
9.	State	CharField(50)	Not Null	State of Doctor's location
10.	pdf_certificate_1	FileField	Not Null	PDF certificate 1 for the doctor
11.	pdf_certificate_2	FileField	Not Null	PDF certificate2 for the doctor
12.	pdf_certificate_3	FileField	Not Null	PDF certificate 3 for the doctor
13	consultation_fee	DecimalField	Not Null	Doctor's consultation fee

4.Tbl_Specialization

Primary key: **specialization_id**

Foreign key: **User_id** references table **Tbl_users_login**

No.	Field Name	Datatype (Size)	Key Constraints	Description of the field
1.	User_id	OneToOneField	Foreign Key	Reference to Tbl_users_reg
2.	Specialization_id	AutoField	Primary Key	Unique identifier for Specialization
3.	specialization	CharField(150)	Not Null	Doctor Specialization

4.Tbl_DoctorSchedule

Primary key: **schedule_id**

Foreign key: **User_id** references table **Tbl_users_reg**

No.	Field Name	Datatype (Size)	Key Constraints	Description of the field
1.	User_id	OneToOneField	Foreign Key	Reference to Tbl_users_reg
2.	date	DateField	NotNull	Date for the doctor's schedule
3.	time_slot	CharField(100)	NotNull	Time slot for the doctor's availability
4.	doctor_schedule_id	AutoField	Primary Key	Unique identifier for doctor schedule

5.Tbl_Appointment

Primary key: **appointment_id**

Foreign key: **User_id** references table **Tbl_users_reg**,

Foreign key: **schedule_id** references table **Tbl_doctor schedule** , **specialization_id** references table **Tbl_Specialization**

No.	Field Name	Datatype (Size)	Key Constraints	Description of the field
1.	User_id	OneToOneField	Foreign Key	Reference to Tbl_users_reg
2.	appointment_id	AutoField	Primary Key	Unique identifier for Appointment
3.	doctor_schedule_id	OneToOneField	Foreign Key	Reference to Tbl_doctor_schedule_id
4.	reason	CharField(100)	CASCADE	Reason for booking
5.	specialization	OneToOneField	Foreign Key	Reference to Tbl_Specialization

6.Tbl_Payment

Primary key: **payment_id**

Foreign key: **appointment id** references table **Tbl_Appointment**

No.	Field Name	Datatype (Size)	Key Constraints	Description of the field
1	Appointment_id	OneToOneField	Foreign Key	Reference to the Tbl_Appointment
2	method	CharField(100)	Not Null	Payment method chosen from predefined choices
3	otp	CharField(6)	Not Null	OTP (One-Time Password) for the payment authentication

7.Tbl_DoctorLeave

Primary key: **doctorleave_id**

Foreign key: User_id references table **Tbl_users_reg**

No.	Field Name	Datatype (Size)	Key Constraints	Description of the field
1	User_id	OneToOneField	Foreign Key	Reference to the Tbl_users_reg
2	leave_type	CharField(20)	Not Null	Type of leave chosen from predefined choices
3.	reason	CharField(100)	Not Null	Reason for LEAVE
4	date	DateField	Not Null	Date for the leave entry
5	is_approved	BooleanField(default=False)	Not Null	Boolean indicating whether the leave is approved
6	is_available	BooleanField(default=True)	Not Null	Boolean indicating the doctor's availability after the leave

8.Tbl_Prescription

Primary key:prescription_id

Foreign key: **appointment id** references table Tbl_Appointment

No.	Field Name	Datatype (Size)	Key Constraints	Description of the field
1	appointment_id	AutoField	Primary Key	Unique identifier for Appointment
2	medicine	CharField(100)	Not Null	Name of the prescribed medicine
3	dosage	CharField(50)	Not Null	Dosage information for the prescribed medicine
4	duration	CharField(50)	Not Null	Duration of the prescription (e.g., number of days)

9.tbl_Brands

Primary Key:brand_id

No.	Field Name	Datatype (Size)	Key Constraints	Description of the field
1	Brand_id	Int	Primary key	Unique identifier for each brand.
2	Brandname	Varchar(255)	notnull	Name of the brand, limited to 255 characters.
3	Logo	Varchar(255)	notnull	File path or URL pointing to the brand's logo image.
4	Brand License	Varchar(255)	notnull	License information or identification for the brand's legal authorization.

10.tbl_category

Primary key: **category_id**

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	category_id	int(10)	Primary Key	Category Id
2	category name	varchar(20)	NOT NULL	Category name
3	category description	varchar(20)	NOT NULL	Category description

11.tbl_subcategory

Primary key: **subcategory_id**

Foreign key: **category_id** references table **tbl_category**

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	subcategory_id	int(10)	Primary Key	Category Id
2	subcategory name	varchar(20)	NOT NULL	Subcategory name
3	category_id	int(10)	Foreign Key	Category Id

12.tbl_products

Primary key: **products_id**

Foreign Key: **brand_id** references table **tbl_brand** , **category_id** references **category** , **subcategory_id** references **subcategory**

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	Product_id	Int(10)	Primary key	Unique identifier
2	subcategory_id	Int(20)	Foreign key	Foreign key referencing the subcategory to which the product belongs.
3	category_id	Int(30)	Foreign key	Foreign key referencing the category to which the product belongs.
4	name	Varchar(20)	NOT NULL	Name of the product. Mandatory field.
5	Description	Varchar(30)	NOT NULL	Brief description of the product. Mandatory field.
6	price	Varchar(30)	NOT NULL	Price of the product. Mandatory field.
7	Stock_qty	Varchar(30)	NOT NULL	Quantity of stock available for the product. Mandatory field.

13.tbl cart

Primary key: **cart_id**

Foreign Key: User_id references table Tbl_users_reg , products_id references tbl_products

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	Cart_id	int	Primary key	Primary key for identifying each cart uniquely.
2	User_id	int	Reference key	Foreign key referencing the user associated with the cart.
3	Product_id	int	Reference key	Foreign key referencing the product added to the cart
4	quantity	Float(15)	notnull	Quantity of the product in the cart. Mandatory field.

14.tbl order

Primary Key : order_id

Foreign Key: User_id references table Tbl_users_reg

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	order_id	int	Primary key	Primary key identifying each order uniquely.
2	User_id	int	References key	Foreign key referencing the user who placed the order.
3	product_id	int	References key	Foreign key referencing the product included in the order.
4	quantity	Varchar(25)	Not Null	Quantity of the product ordered. Mandatory field.
5	Order_date	date	Not Null	Date when the order was placed. Mandatory field.
6	Total_amount	Varchar(25)	Not Null	Total amount of the order. Mandatory field.

15. tbl_product Payment

Primary Key:**payment_id**

Foreign Key: **order_id** references table **tbl_order**

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	payment_id	Int	Primary key	Primary key identifying each payment uniquely.
2	Order_id	Int	reference key	Foreign key referencing the order associated with the payment.
3	amount	amount	Not Null	Amount of the payment. Mandatory field.

16.tbl_pharmacist

Primary Key:**pharmacist_id**

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	Pharmacist_id	int	Primary key	Primary key for identifying each pharmacist uniquely.
2	address	Varchar(255)	Not Null	Address of the pharmacist. Mandatory field.
3	product_id	int	Int	Identification of a product associated with the pharmacist.
4	phone	Varchar(255)	Not Null	Phone number of the pharmacist. Mandatory field.
5	email	Varchar(255)	Not Null	Email address of the pharmacist. Mandatory field.

17.tbl_review

Primary Key: **review_id**

Foreign Key: **user_id** references table **Tbl_users_reg** , **products_id** references table **.tbl_products**

No:	Field name	Datatype (Size)	Key Constraints	Description of the field
1	review_id	Int	Primary key	Primary key identifying each review uniquely.
2	user_id	Int	reference key	Foreign key referencing the user who submitted the review
3	product_id	Int	reference key	Foreign key referencing the product being reviewed.
4	rating	Decimal(2,1)	Not Null	Numeric value representing the rating given to the product. Mandatory field.
5	comment	text	Not Null	Textual feedback or comment provided by the user. Mandatory field.