

Table Design:

Appointment:

Primary Key : **id**

Foreign Key : **patient_id** references table **Tbl_allapp_patient**

No	Field Name	Datatype (Size)	Key Constraints	Description of the Field
1	id	INT(11)	PRIMARY_KEY	Unique identifier for the appointment
2	patient_id	INT(11)	FORIENG KEY	Reference to the patient associated with this appointment
3	doctor_id	INT(11)	FORIENG KEY	Reference to the doctor associated with this appointment
4	date	DateField	NOT_NULL	Appointment date
5	time_slot	Varchar(150)	UNIQUE	Time slot for the appointment
6	status	Varchar(50)	NOT_NULL	Status of the appointment

Reminder:

Medicine reminder:

Primary Key: **id**

Foreign Key: **medicine_id** reference table **Tbl_allapp_medicine**

No	Field Name	Datatype (Size)	Key Constraints	Description of the Field
1	id	INT(11)	PRIMARY_KEY	Unique identifier for the reminder
2	medicine_id	INT(11)	FORIENG KEY	Reference to the medicine associated with this reminder
3	reminder_date	DateField	NOT_NULL	Date for the reminder
4	reminder_type	Varchar(50)	NOT_NULL	Type of reminder (Medicine Expiry)

Appointment reminder:

Primary Key: **id**

Foreign Key: **appointment_id** reference table **Tbl_allapp_appointment**

No	Field Name	Datatype (Size)	Key Constraints	Description of the Field
1	id	INT(11)	PRIMARY_KEY	Unique identifier for the reminder
2	appointment_id	INT(11)	FORIENG KEY	Reference to the appointment associated with this reminder
3	reminder_date	DateTimeField	NOT_NULL	Date and time for the reminder
4	reminder_type	Varchar(50)	NOT_NULL	Type of reminder (Appointment)

Clinic Location:

Primary key: **id**

No	Field Name	Datatype (Size)	Key Constraints	Description of the Field
1	id	INT(11)	PRIMARY_KEY	Unique identifier for the clinic location
2	location_name	Varchar(150)	NOT_NULL	Name of the clinic location
3	latitude	DecimalField	NOT_NULL	Latitude of the clinic location
4	longitude	DecimalField	NOT_NULL	Longitude of the clinic location

Quick Remedy:

Primary Key: **id**

No	Field Name	Datatype (Size)	Key Constraints	Description of the Field
1	id	INT(11)	PRIMARY_KEY	Unique identifier for the quick remedy
2	category	Varchar(150)	NOT_NULL	Category of the quick remedy (e.g., Allergy, Skin Rash, etc.)
3	remedy_content	Varchar(255)	NOT_NULL	Content or description of the quick remedy
4	media_url	Varchar(255)		URL for additional media content (video, pictures, etc.)

Online quiz:

Primary Key: **id**

No	Field Name	Datatype (Size)	Key Constraints	Description of the Field
1	id	INT(11)	PRIMARY_KEY	Unique identifier for the online quiz question
2	question_content	Varchar(255)	NOT_NULL	Content or text of the quiz question
3	options	Varchar(255)	NOT_NULL	Options for the quiz question (formatted as JSON)
4	correct_option	Varchar(255)	NOT_NULL	Correct option for the quiz question

Chatbot Implementations:

Primary Key: **id**

Foreign Key: **patient_id** reference table **Tbl_allapp_patient**

doctor_id reference table **Tbl_allapp_doctor**

No	Field Name	Datatype (Size)	Key Constraints	Description of the Field
1	id	INT(11)	PRIMARY_KEY	Unique identifier for the chatbot interaction
2	user_id	INT(11)	FORIENG KEY	Reference to the user associated with this interaction
3	timestamp	DateTimeField	NOT_NULL	Date and time of the chatbot interaction
4	message_content	Varchar(255)	NOT_NULL	Content of the chatbot message
5	is_doctor	BOOL	NOT_NULL	Indicates if the message sender is a doctor

Testimonial:

Primary Key: **id**

Foreign Key: **patient_id** reference table **Tbl_allapp_patient**

doctor_id reference table **Tbl_allapp_doctor**

No	Field Name	Datatype (Size)	Key Constraints	Description of the Field
1	id	INT(11)	PRIMARY_KEY	Unique identifier for the testimonial
2	user_id	INT(11)	FORIENG KEY	Reference to the user who provided the testimonial
3	timestamp	DateTimeField	NOT_NULL	Date and time of the testimonial
4	content	Varchar(255)	NOT_NULL	Content of the testimonial

Online Consultations:

Primary Key: **id**

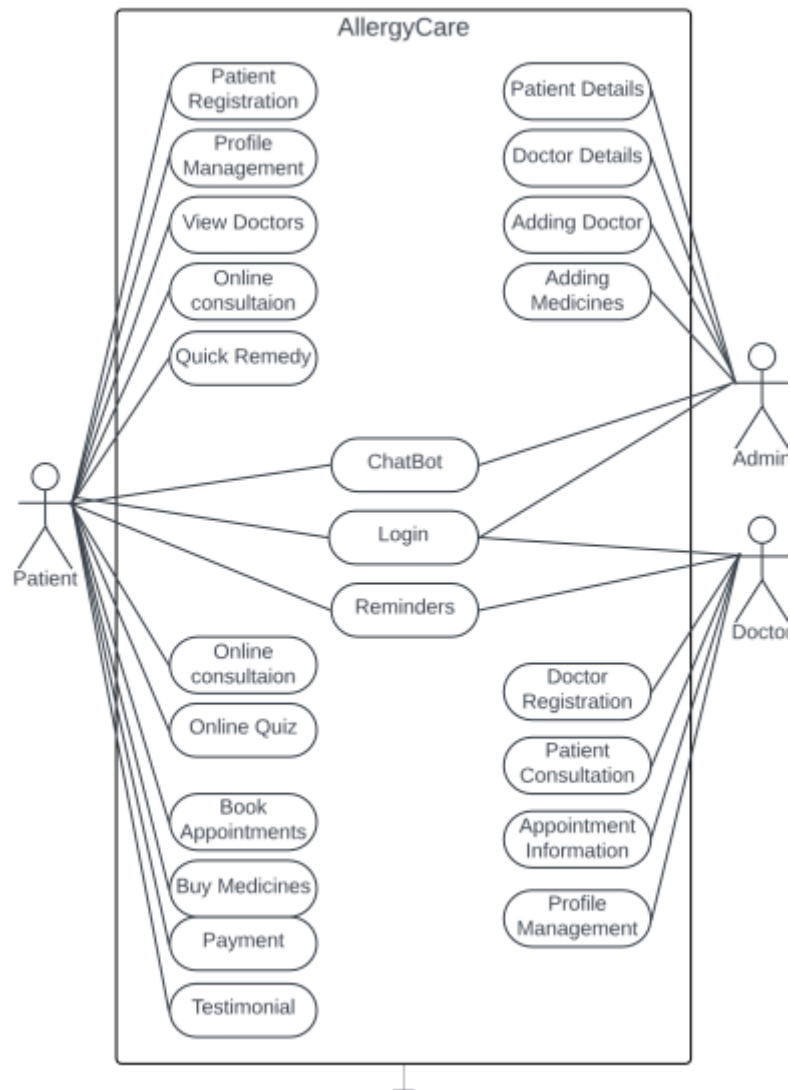
Foreign Key: **patient_id** reference table **Tbl_allapp_patient**

doctor_id reference table **Tbl_allapp_doctor**

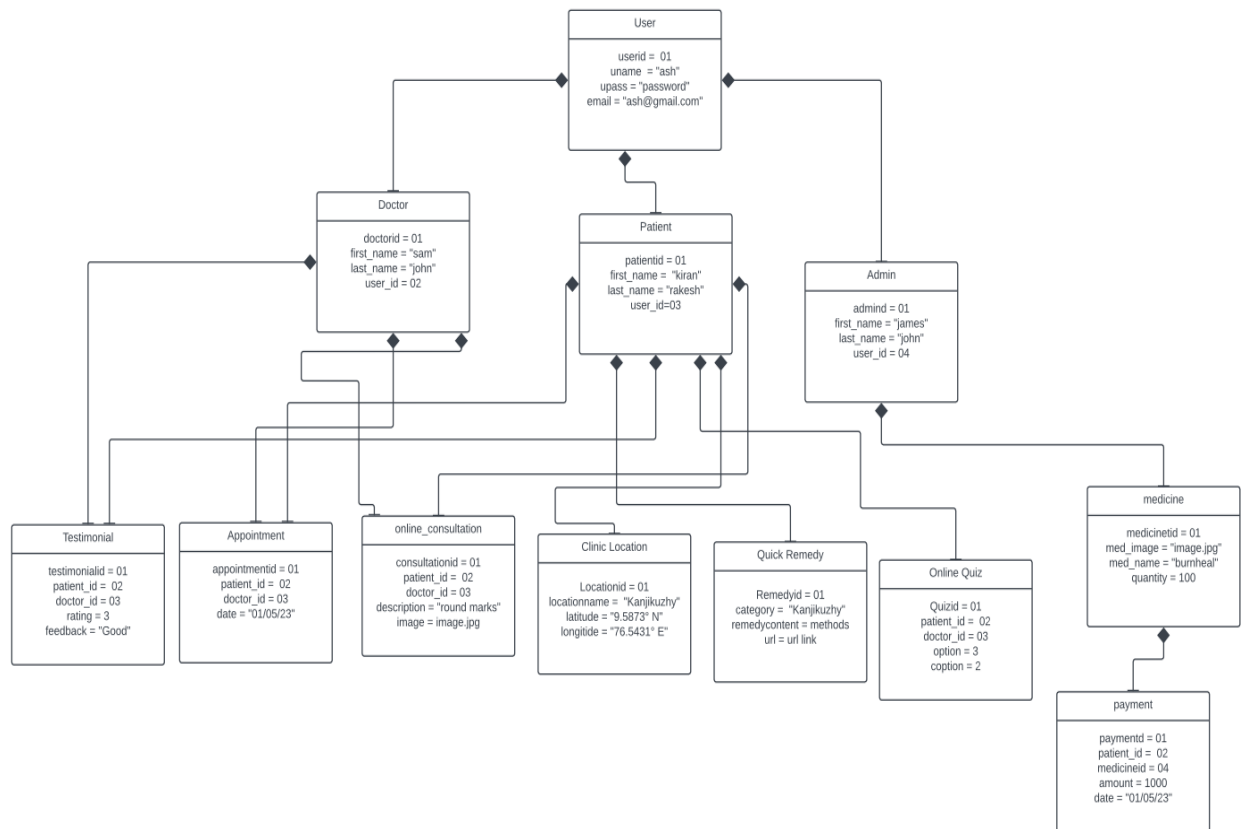
No	Field Name	Datatype (Size)	Key Constraints	Description of the Field
1	id	INT(11)	PRIMARY_KEY	Unique identifier for the online consultation
2	doctor_id	INT(11)	FORIENG KEY	Reference to the doctor conducting the consultation
3	patient_id	INT(11)	FORIENG KEY	Reference to the patient participating in the consultation
4	start_time	DateTimeField	NOT_NULL	Start time of the online consultation
5	end_time	DateTimeField	NOT_NULL	End time of the online consultation
6	consultation_fee	DecimalField	NOT_NULL	Fee charged for the online consultation

UML:

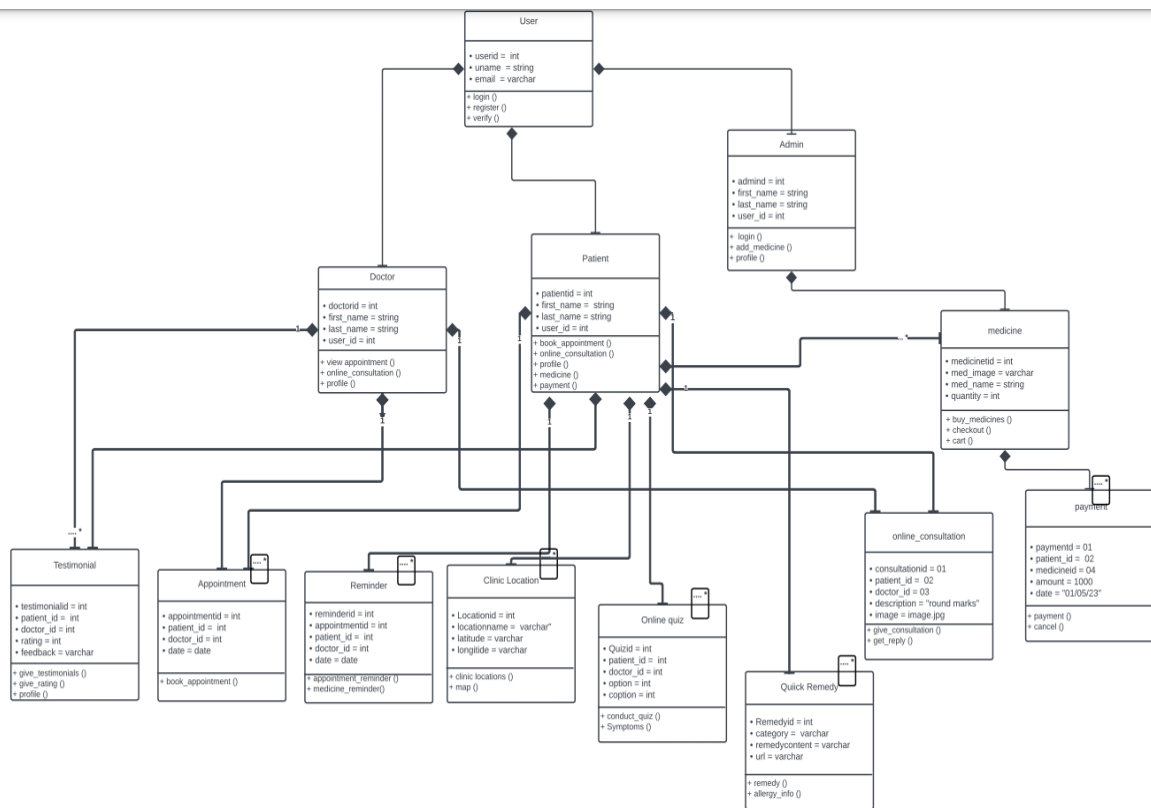
Use Case:



Object Diagram:



Class Diagram:



Component Diagram:

