**Low Level design**

**Database Design:**

**Admin:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| Aid | Integer | No | Primary key |  | Admin ID |
| Name | Varchar(45) | No |  |  | Admin Name |
| Email | Varchar(45) | No |  |  | Email ID Of Admin |
| Contact | Varchar(15) | No |  |  | Contact of admin |
| Address | Varchar(45) | No |  |  | Address of admin |
| Lid | Integer | No | Foreign Key |  | References to Login(Lid) |

**Hospital:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| Hid | Integer | No | Primary key |  | Hospital ID |
| Name | Varchar(45) | No |  |  | Hospital Name |
| address | Varchar(45) | No |  |  | Hospital Address |
| Specialization | Varchar(15) | No |  |  | Hospital Specialization |
| Rating | Integer | No |  |  | Hospital Rating |
| Lid | Integer | No | Foreign Key |  | References to Login(Lid) |

**Doctors:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| Did | Integer | No | Primary key |  | Doctor ID |
| Name | Varchar(45) | No |  |  | Doctor Name |
| Dob | Varchar(45) | No |  |  | Date of birth of doctor |
| Address | Varchar(15) | No |  |  | Doctor Address |
| Email | Varchar(45) | No |  |  | Email of doctor |
| Mobial | Varchar(100) | No |  |  | Mobial no of doctor |
| Gender | Varchar(10) | No |  |  | Gender Information |
| Specialization | Varchar(45) | No |  |  | Doctor specialization |
| Education | Varchar(45) | No |  |  | Education details |
| Experience | Varchar(45) | No |  |  | Experience details |
| Hid | Integer | No | Foreign key |  | references to Hospital(Hid) |
| Lid | Integer | No | Foreign Key |  | References to Login(Lid) |

**User:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| Uid | Integer | No | Primary key |  | User ID |
| Name | Varchar(45) | No |  |  | User Name |
| Address | Varchar(45) | No |  |  | Address of user |
| Mobial | Varchar(45) | No |  |  | Mobial no of user |
| Email | Varchar(15) | No |  |  | Email of User |
| AadharNo | Varchar(15) | No |  |  | Aadhar No. Of User |
| Dob | Varchar(100) | No |  |  | Date of birth |
| Gender | Varchar(10) | No |  |  | Gender Information |
| Date | Varchar(15) | No |  |  | Date of buying insurance |
| Lid | Integer | No | Foreign Key |  | References to Login(Lid) |

**Payment\_Details:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| Id | Integer | No | Foreign key |  | references to User(Uid) |
| AccountNo | Varchar(45) | No |  |  | Account Number |
| Name | Varchar(45) | No |  |  | Account Holder Name |
| Payment | Varchar(45) | No |  |  | Amount Paid |

**Blogs:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| Bid | Integer | No | Primary Key |  | Blog Id |
| Did | Integer | No | Foreign key |  | references to Doctor(Did) |
| Content | Varchar(200) | No |  |  | Content of blog |
| Date | Varchar(45) | No |  |  | Date of publish blog |

**Appointment:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| Aid | Integer | No | Primary key |  | Doctor ID |
| Uid | Integer | No | Foreign key |  | references to User(Uid) |
| Did | Integer | No | Foreign key |  | references to Doctor(Did) |
| Date | Varchar(20) | No |  |  | Appointment date |
| Time | Varchar(20) | No |  |  | Appointment Time |
| Status | Varchar(45) | No |  |  | Appointment status |

**Consultation:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| Cid | Integer | No | Primary key |  | Consultation ID |
| Uid | Integer | No | Foreign key |  | references to User(Uid) |
| Symptoms | CLOB | No |  |  | Symptoms |
| Did | Integer | No | Foreign key |  | references to Doctor(Did) |
| Response | CLOB | No |  |  | Response given by doctor |
| Date | Varchar(20) | No |  |  | Appointment date |
| Time | Varchar(20) | No |  |  | Appointment Time |

**Login:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| Lid | Integer | No | Primary key |  | Login Id |
| Role | Varchar(45) | No |  |  | Role of user |
| Username | Varchar(45) | No |  |  | Username |
| Password | Varchar(45) | No |  |  | Password |

**Entity-Relationship Diagram**

User

Payment

1 1 1

Has

1

Read

Request

Request

Admin

1

Manages

Appointment

Hospital

M M

M

1 M

Manages

Approves

Consultation

Doctor

M 1 M

Response

1 M

1

Publish

M M

Blogs

Login

Login

Has

Departments

M