**Low Level design**

**Database Design:**

**Admin:**

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

**Hospital:**

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

**Doctors:**

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

**User:**

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

**Payment\_Details:**

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

**User\_Account:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| Uid | Integer | No | Foreign key | Null | references to User(Uid) |
| Password | Varchar(45) | No |  | Null | First Name |

**Blogs:**

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

**Appointment:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| Aid | Integer | No | Primary key | Null | Doctor ID |
| Uid | Integer | No | Foreign key |  | references to User(Uid) |
| Uname | Varchar(45) | No |  | Null | User Name |
| Dob | Varchar(45) | No |  | Null | Date of birth of user |
| Address | Varchar(15) | No |  | Null | User Address |
| Mobial | Varchar(45) | No |  | Null | Mobial no of user |
| Did | Integer | No | Foreign key | Null | references to Doctor(Did) |
| Dname | Varchar(10) | No |  | Null | Doctor Name |
| Date | Varchar(10) | No |  | Null | Appointment date |
| Time | Varchar(10) | No |  | Null | Appointment Time |
| Status | Varchar(45) | No |  | Null | Appointment status |

**Consultation:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| Cid | Integer | No | Primary key | Null | Consultation ID |
| Uid | Varchar(45) | No | Foreign key | Null | references to User(Uid) |
| Uname | Varchar(45) | No |  | Null | User Name |
| Dob | Varchar(45) | No |  | Null | Date of birth of user |
| Symptoms | Varchar(45) | No |  | Null | Symptoms |
| Did | Integer | No | Foreign key | Null | references to Doctor(Did) |
| Responce | Varchar(45) | No |  | Null | Response given by doctor |

**Entity-Relationship Diagram**

User

Payment

1 1 1

Has

1 1

Read

Has

Request

Request

Admin

1

User Account

1

Manages

Appointment

Hospital

M M

1 M

Manages

Approves

Consultation

Doctor

M 1 M

Response

1 M

1

Publish

M M

Blogs