# Table Design

## 1. Table name: tbl_login

**Primary key:** uid

| Field | Data type | Description |
|-------|-----------|-------------|
| u_name | varchar(20) | username |
| u_pswd | password | Password |
| u_status | numeric | User status |
| login_id | numeric | Login id |

## 2. Table name: tbl_register

**Primary key:** rid

**Foreign key:** login_id references from tbl_login

h_id references from tbl_house

| Field | Data type | Description |
|-------|-----------|-------------|
| rid | numeric | Registration id |
| login_id | numeric | Login id |
| h_id | numeric | House id |
| p_id | varchar(20) | Place id |
| phno | numeric | Phone number |
| email | varchar(20) | Email id |
| u_name | varchar(20) | Username |

## 3. Table name: tbl_family

**Primary key:** fid

**Foreign key:** login_id references from tbl_login

h_id references from tbl_house

| Field | Data type | Description |
|---|---|---|
| fid | numeric | Family id |
| login_id | numeric | Login id |
| u_fname | varchar(20) | First name |
| u_lname | varchar(20) | Last name |
| u_gen | varchar(20) | gender |
| u_dob | datetime | Date of birth |
| u_job | varchar(20) | Job |
| u_ph | varchar(20) | Phone number |
| u_mar | varchar(20) | Marital status |
| u_mail | varchar(40) | Email id |
| u_card | varchar(20) | Aadhar card |
| u_image | varchar(50) | User image |
| h_id | varchar(20) | House id |
| u_pin | varchar(20) | Pincode |
| U_allergy | varchar(20) | Any allergies present |
| U_med | varchar(80) | Medical report |

## 4. Table name: tbl_house

**Primary key:** h_id

**Foreign key:** p_id references from tbl_place

login_id references from tbl_login

| Field | Data type | Description |
|---|---|---|
| h_id | numeric | House id |
| h_no | numeric | House number |
| h_name | varchar(50) | House name |
| login_id | numeric | Login id |
| p_id | varchar(50) | Place id |

## 4. Table name: tbl_class

**Primary key:** cid

| Field | Data type | Description |
|---|---|---|
| cid | numeric | Class id |
| about | varchar(20) | About the class |
| loc | varchar(20) | Location of the class |
| c_sdate | datetime | Starting date of the class |
| c_edate | datetime | Ending date of the class |
| time | datetime | Time of the class |
| tutor | varchar(20) | Tutor taking class |

## 5. Table name: tbl_book

**Primary key:** bid

**Foreign key:** uid references from tbl_family

login_id references from tbl_login

v_id references from tbl_vaccin

| Field | Data type | Description |
|---|---|---|
| b_id | numeric | Booking id |
| login_id | numeric | Login id |
| v_id | numeric | Vaccination id |
| date | datetime | Date of vaccination |

## 6. Table name: tbl_place

**Primary key:** p_id

**Foreign key:** login_id references from tbl_login

| Field | Data type | Description |
|---|---|---|
| p_id | numeric | Place id |
| login_id | numeric | Login id |
| p_name | varchar(20) | Place name |

## 7. Table name: tbl_vaccin

**Primary key:** v_id

**Foreign key:** login_id references from tbl_login

vaccin_id references from tbl_vaccinperiod

| Field | Data type | Description |
|-------|-----------|-------------|
| v_id | numeric | Vaccination id |
| v_name | varchar(20) | Vaccination name |
| login_id | numeric | Login id |
| vaccine_id | numeric | Vaccination id |
| v_status | numeric | Vaccination taken |

## 8. Table name: tbl_vaccinperiod

**Primary key:** vaccin_id

| Field | Data type | Description |
|-------|-----------|-------------|
| vaccine_tid | numeric | Vaccination time id |
| vaccine_period | varchar(20) | Vaccination timeperiod |

## 9. Table name: tbl_appointment

**Primary key:** a_id

**Foreign key:** login_id references from tbl_login

| Field | Data type | Description |
|---|---|---|
| a_id | numeric | Appointment id |
| login_id | numeric | Login id |
| d_id | numeric | Doctor id |
| date | datetime | Date for appointment |

## 10. Table name: tbl_doctor

**Primary key:** d_id

| Field | Data type | Description |
|---|---|---|
| d_id | numeric | Doctor id |
| d_name | varchar(20) | Doctor's name |
| spec | varchar(30) | Specialization |
| ph | varchar(20) | Contact number |
| email | varchar(20) | Mail id |

## 11. Table name: tbl_leave

**Primary key:** l_id

**Foreign key:** d_id references from tbl_doctor

| Field | Data type | Description |
|---|---|---|
| l_id | numeric | Leave id |
| d_id | numeric | Doctor id |
| date | datetime | Date of leave |
| reason | varchar(20) | Reason for leave |
| status | varchar(10) | Whether approved or not |
| time | varchar(20) | Whether half day or full day |

## 12. Table name: tbl_test

**Primary key:** t_id

**Foreign key:** login_id references from tbl_login

type_id references from tbl_testtype

| Field | Data type | Description |
|---|---|---|
| t_id | numeric | Test id |
| type_id | numeric | Test type |
| login_id | numeric | Login id |

## 13. Table name: tbl_testtype

**Primary key:** t_id

| Field | Data type | Description |
|---|---|---|
| type_id | numeric | test type id |
| type_name | varchar(20) | Test type name |