**TABLE DESIGN**

**Tbl\_user** (Used to store user details)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| user\_id | INTEGER | PRIMARY KEY | Id of the user |
| fname | TEXT | NOT NULL | First name of the user |
| mname | TEXT |  | Middle name of the user |
| lname | TEXT |  | Last name of the user |
| age | INTEGER | NOT NULL | Age of the user |
| gender | TEXT | NOT NULL | Gender of the user |
| blood\_grp | TEXT | NOT NULL | Blood group of the user |
| job | TEXT |  | Job of the user |
| type | TEXT | NOT NULL | User type |
| hname | TEXT | NOT NULL | House name |
| hno | TEXT | NOT NULL | House number |
| email | TEXT | NOT NULL | Email of the user |
| password | TEXT | NOT NULL | Password of the user |
| phone | INTEGER | NOT NULL | Phone number of the user |
| photo | TEXT |  | Photo of the user |
| status | TEXT | NOT NULL | Accepted or Rejected |

**Tbl\_member\_details** (Used to store family member details)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| m\_id | INTEGER | PRIMARY KEY | Id of the family member |
| user\_id | INTEGER | FOREIGN KEY | References the PK of the tbl\_user |
| fname | TEXT | NOT NULL | First name of the family member |
| mname | TEXT |  | Middle name of the family member |
| age | INTEGER | NOT NULL | Age of the family member |
| gender | TEXT | NOT NULL | Gender of the family member |
| blood\_grp | TEXT | NOT NULL | Blood group of the family member |
| job | TEXT | NOT NULL | Job of the family member |

**Tbl\_servant** (Used to store servant details)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| servant\_id | INTEGER | PRIMARY KEY | Id of the servant |
| fname | TEXT | NOT NULL | First name of the servant |
| mname | TEXT |  | Middle name of the servant |
| lname | TEXT |  | Last name of the servant |
| age | INTEGER | NOT NULL | Age of the servant |
| gender | TEXT | NOT NULL | Gender of the servant |
| blood\_grp | TEXT | NOT NULL | Blood group of the servant |
| phone | INTEGER | NOT NULL | Phone number |
| job | TEXT | NOT NULL | Job type |
| h\_allot | INTEGER |  | Number of houses allotted for work |

**Tbl\_book\_ctg** (Used to store book categories)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| bctg\_id | INTEGER | PRIMARY KEY | Id of the book category |
| ctg\_name | TEXT | NOT NULL | Name of book category |

**Tbl\_book** (Used to store book details)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| book\_id | INTEGER | PRIMARY KEY | Id of the book |
| bctg\_id | INTEGER | FOREIGN KEY | References the PK from tbl\_book\_ctg |
| book\_name | TEXT | NOT NULL | Name of the book |
| author | TEXT | NOT NULL | Author name |
| language | TEXT | NOT NULL | Language of the book |
| desc | TEXT | NOT NULL | Description about the book |
| book\_file | TEXT | NOT NULL | Pdf file of the book |
| image | TEXT | NOT NULL | Photo of the book |
| user\_id | INTEGER | NOT NULL | References the PK of tbl\_user |
| status | TEXT | NOT NULL | Book accepted or rejected |

**Tbl\_report** (Used to store report details includes monthly report)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| rpt\_id | INTEGER | PRIMARY KEY | Id of the report |
| rpt\_name | TEXT | NOT NULL | Name of the report |
| desc | TEXT | NOT NULL | Description of the report |
| date | DATE | NOT NULL | Date of submission |
| file | TEXT | NOT NULL | File of the report |

**Tbl\_notification** (Used to store notification details includes news,etc)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| nid | INTEGER | PRIMARY KEY | Id of the notification |
| type | TEXT | NOT NULL | Type of notification |
| notification | TEXT | NOT NULL | Notification details |
| date | DATE | NOT NULL | Established date |
| file | TEXT |  | File of the notification |

**Tbl\_mtn\_type** (Used to store maintenance types)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| type\_id | INTEGER | PRIMARY KEY | Id of the maintenance type |
| Type\_name | TEXT | NOT NULL | Type name |

**Tbl\_maintain** (Used to store maintenance details includes complaints,cleaning,etc)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| m\_id | INTEGER | PRIMARY KEY | Id of the maintenance |
| user\_id | INTEGER | FOREIGN KEY | References the PK from tbl\_user |
| type\_id | INTEGER | FOREIGN KEY | References the PK of tbl\_mtn\_type |
| subject | TEXT | NOT NULL | Subject of the purpose |
| desc | TEXT | NOT NULL | Description of the purpose |
| e\_date | DATE | NOT NULL | Date of requested |
| reply | TEXT | NOT NULL | Reply for the request |
| c\_date | DATE | NOT NULL | Date of completed |
| status | TEXT | NOT NULL | Request progress |

**Tbl\_servnt\_req** (Used to store servant requesting details)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| req\_id | INTEGER | PRIMARY KEY | Id of the request |
| user\_id | INTEGER | FOREIGN KEY | References the PK from tbl\_user |
| req\_date | DATE | NOT NULL | Date of request |
| servant\_id | INTEGER | FOREIGN KEY | References the PK from tbl\_servant |
| desc | TEXT | NOT NULL | Description of the job |
| status | TEXT | NOT NULL | Request progress |

**Tbl\_servnt\_assign** (Used to store servant assigning details)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| assign\_id | INTEGER | PRIMARY KEY | Id of the assigning |
| req\_id | INTEGER | FOREIGN KEY | References the PK from tbl\_servnt\_req |
| date\_assign | DATE | NOT NULL | Date of assigning |

**Tbl\_activity\_ctg** (Used to store activity categories)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| actg\_id | INTEGER | PRIMARY KEY | Id of the activity category |
| ctg\_name | TEXT | NOT NULL | Name of the activity name |

**Tbl\_medical\_camp** (Used to store medical camp details)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| mcamp\_id | INTEGER | PRIMARY KEY | Id of the medical camp |
| actg\_id | INTEGER | FOREIGN KEY | References of the PK from tbl\_activity\_ctg |
| name | TEXT | NOT NULL | Name of medical camp |
| date | DATE | NOT NULL | Date of the medical camp occurring |
| time | INTEGER | NOT NULL | Time of starting medical camp |
| location | TEXT | NOT NULL | Place where the medical camp occurs |
| doc\_name | TEXT | NOT NULL | Doctor name |
| specialization | TEXT | NOT NULL | Specialization of the doctor |
| doc\_contact | INTEGER | NOT NULL | Phone number of doctor |
| status | TEXT | NOT NULL | Medical camp is Pending or cancelled or conducted |

**Tbl\_medcamp\_reg** (Used to store medical camp registration details)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| reg\_id | INTEGER | PRIMARY KEY | Id of the medical camp registration |
| mcamp\_id | INTEGER | FOREIGN KEY | References the PK from tbl\_medical\_camp |
| user\_id | INTEGER | FOREIGN KEY | Refereneces the PK from tbl\_user |

**Tbl\_pay\_ctg** (Used to store payment categories)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| pctg\_id | INTEGER | PRIMARY KEY | Id of the payment category |
| ctg\_name | TEXT | NOT NULL | Name of payment category |
| date | DATE | NOT NULL | Date of established |
| amount | INTEGER | NOT NULL | Amount for pay |
| status | TEXT | NOT NULL | Active or inactive |

**Tbl\_payment (Used to store payment details)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| pay\_id | INTEGER | PRIMARY KEY | Id of the payment |
| pctg\_id\_ | INTEGER | FOREIGN KEY | References the PK from tbl\_pay\_ctg |
| User\_id | INTEGER | FOREIGN KEY | References the PK from tbl\_user |
| Pay\_date | DATE | NOT NULL | Date of payment |

**Tbl\_training** (Used to store training details)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| training\_id | INTEGER | PRIMARY KEY | Id of the training |
| actg\_id | INTEGER | FOREIGN KEY | References the PK from tbl\_activity\_ctg |
| title | TEXT | NOT NULL | Title of the training |
| date | DATE | NOT NULL | Date of conducting |
| time | INTEGER | NOT NULL | Time of starting the training |
| location | TEXT | NOT NULL | Place where training conducting |
| desc | TEXT | NOT NULL | Description about the training |
| status | TEXT | NOT NULL | Pending or conducted or cancelled |

**Tbl\_training\_reg** (Used to store training registration details)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| treg\_id | INTEGER | PRIMARY KEY | Id of the training registration |
| training\_id | INTEGER | FOREIGN KEY | References the PK from tbl\_training |
| user\_id | INTEGER | FOREIGN KEY | References the PK from tbl\_user |

**Tbl\_cul\_activity** (Used to store cultural activity details)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| cul\_act\_id | INTEGER | PRIMARY KEY | Id of the cultural activity |
| actg\_id | INTEGER | FOREIGN KEY | References the PK from tbl\_activity\_ctg |
| name | TEXT | NOT NULL | Name of the program |
| date | DATE | NOT NULL | Date of conducting |
| time | INTEGER | NOT NULL | Time of starting program |
| location | TEXT | NOT NULL | Place of conducting |
| status | TEXT | NOT NULL | Pending or cancelled or conducted |

**Tbl\_activity­\_items** (Used to store cultural activity items details)

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraint** | **Description** |
| item\_id | INTEGER | PRIMARY KEY | Id of the cultural activity items |
| cul\_act\_id | INTEGER | FOREIGN KEY | References the PK from tbl\_cul\_activity |
| user\_id | INTEGER | FOREIGN KEY | References the PK from tbl\_user |
| item | TEXT | NOT NULL | Type of activity item |
| m\_id | INTEGER | FOREIGN KEY | References the PK from tbl\_member\_details |