**Main project**

**Topic: Cable TV management system**

Submitted to: Dr. Bijimol T K

Submitted by : Tessa Joseph

S10, INMCA

Roll no. 53

**TABLE DESIGN**

**Table name : tbl\_login**

**Primary key:** Login\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no. | Fieldname | Datatype | Description |
| 1 | **Login\_id** | integer | Primary key |
| 2 | **Email** | varchar | Unique |
| 3 | **Password** | varchar | To login |
| 4 | **U\_status** | integer | Status of the user |
| 5 | **Did** | varchar | Designation of user |

**Table name : tbl\_desig**

**Primary key:** did

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no. | Fieldname | Datatype | Description |
| 1 | did | varchar | Primary key |
| 2 | Desig\_name | varchar | Designation |
| 3 | D\_status | integer | Designation status |

**Table name : tbl\_register**

**Primary key:** Reg\_id

**Foreign key:** Login\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no. | Fieldname | Datatype | Description |
| 1 | **Reg\_id** | Varchar | Primary key |
| 2 | **Customer\_name** | Varchar | Name of customer |
| 3 | **Phone\_number** | Integer | Unique |
| 4 | **Email** | Varchar | Unique |
| 5 | **Address** | Varchar | Address of customer |
| 6 | **District** | Varchar | District of customer |
| 7 | **State** | Varchar | State of customer |
| 8 | **Password** | Varchar | Password to login |
| 9 | **Login\_id** | integer | Foreign key |

**Table name: tbl\_connection**

**Primary key:** cid

**Foreign key**: Login\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no. | Fieldname | Datatype | Description |
| 1 | **cid** | varchar | Primary key |
| 2 | **Login\_id** | integer | Foreign key |
| 3 | **Due\_date** | varchar | Validity |
| 4 | **Connection\_state** | varchar | State of connection |
| 5 | **balance** | Integer | Balance amount |

**Table name : tbl\_channels**

**Primary key:** Channel\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no. | Fieldname | Datatype | Description |
| 1 | **Channel\_id** | Varchar | Primary key |
| 2 | **Channel\_name** | Varchar | Name of channel |
| 3 | **Channel\_number** | Integer | Channel number in tv |
| 4 | **Channel\_type** | Varchar | Type of channel |
| 5 | **Channel\_amount** | Integer | Amount |

**Table name: tbl\_plan**

**Primary key**: plan\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no. | Fieldname | Datatype | Description |
| 1 | **Plan\_id** | Varchar | Primary key |
| 2 | **Plan\_name** | Varchar | Name of plan |
| 3 | **Plan\_desc** | varchar | Description of plan |
| 4 | **Plan\_amt** | Integer | Plan amount |
| 5 | **Plan\_status** | integer | State of the plan |

**Table name : tbl\_recharge**

**Primary key:** Recharge\_id

**Foreign key:** Login\_id, plan\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no. | Fieldname | Datatype | Description |
| 1 | **Recharge\_id** | Varchar | Primary key |
| 2 | **Login\_id** | varchar | Foreign key |
| 3 | **Plan\_id** | varchar | Foreign key |
| 4 | **Amount** | Integer | Total amount |

**Table name: tbl\_payment**

**Primary key:** transaction\_id

**Foreign key:** Login\_id, plan\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no. | Fieldname | Datatype | Description |
| 1 | **Transaction\_id** | Varchar | Primary key |
| 2 | **Login\_id** | Varchar | Foreign key |
| 3 | **Plan\_id** | varchar | Foreign key |
| 4 | **Account number** | Varchar | Account number |
| 5 | **Balance\_amt** | integer | Balance in account |
| 6 | **Amount** | Varchar | Payable amount |
| 7 | **Date** | Vachar | Date of transaction |

**Table name : tbl\_feedback**

**Primary key:** fid

**Foreign key:** Login\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no. | Fieldname | Datatype | Description |
| 1 | **Fid** | Varchar | Primary key |
| 2 | **Login\_id** | Varchar | Foreign key |
| 3 | **Feedback** | Varchar | Feedback |