**Main project**

**Topic: Cable TV management system**

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**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 | **Design\_id** | varchar | Designation of user |

**Table name : tbl\_desig**

**Primary key:** did

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

**Table name : tbl\_cust\_reg**

**Primary key:** Reg\_id

**Foreign key:** Login\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no. | Fieldname | Datatype | Description |
| 1 | **Cust\_id** | Varchar | Primary key |
| 2 | **Cust\_name** | Varchar | Name of customer |
| 3 | **Phone****\_number** | Integer | Unique |
| 4 | **Email** | Varchar | Unique |
| 5 | **Address** | Varchar | Address of customer |
| 6 | **Landmark** | Varchar | Landmark of customer |
| 7 | **District** | Varchar | District of customer |
| 8 | **State** | Varchar | State of customer |
| 9 | **Password** | Varchar | Password to login |
| 10 | **Login\_id** | integer | Foreign key |

**Table name : tbl\_staff\_reg**

**Primary key:** Reg\_id

**Foreign key:** Login\_id

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no. | Fieldname | Datatype | Description |
| 1 | **Staff\_id** | Varchar | Primary key |
| 2 | **Staff\_name** | Varchar | Name of staff |
| 3 | **Phone\_number** | Integer | Unique |
| 4 | **Email** | Varchar | Unique |
| 5 | **Address** | Varchar | Address of staff |
| 6 | **District** | Varchar | District of staff |
| 7 | **State** | Varchar | State of staff |
| 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\_date** | varchar | Date when customer registered |
| 5 | **Connection\_state** | varchar | State of connection |
| 6 | **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\_date** | varchar | Date when channel added to the system |
| 5 | **Channel\_type** | Varchar | Type of channel |
| 6 | **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 channels in this plan |
| 4 | **Plan\_type** | varchar | Type of plan |
| 5 | **Plan\_amt** | Integer | Plan amount |
| 6 | **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 | **Cust\_id** | varchar | Foreign key |
| 3 | **Plan\_id** | varchar | Foreign key |
| 4 | **Recharge\_amount** | Integer | Total amount |
| 5 | **Recharge\_date** | varchar | Recharge date |
| 6 | **Recharge\_month** | varchar | Recharge month |
| 7 | **Recharge\_year** | integer | Recharge year |
| 8 | **Transaction\_id** | varchar | Foreign key |

**Table name: tbl\_payment**

**Primary key:** transaction\_id

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

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no. | Fieldname | Datatype | Description |
| 1 | **Payment\_id** | Varchar | Primary key |
| 2 | **Cust\_id** | Varchar | Foreign key |
| 3 | **Plan\_id** | varchar | Foreign key |
| 4 | **Account number** | Varchar | Account number |
| 5 | **Payment\_bank** | varchar | Bank of the customer |
| 6 | **Amount** | Varchar | Payable amount |
| 7 | **Date** | Varchar | Date of transaction |

**Table name: tbl\_complaint**

**Primary key:** complaint\_id

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

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no. | Fieldname | Datatype | Description |
| 1 | **Complaint\_id** | Varchar | Primary key |
| 2 | **Cust\_id** | Varchar | Foreign key |
| 3 | **Complaint\_date** | varchar | Date when complaint added |
| 4 | **Complaint\_type** | Varchar | Type of complaint |
| 5 | **Complaint\_subject** | varchar | Description of the complaint |
| 6 | **Complaint\_staff\_id** | Varchar | Foreign Key |
| 7 | **Complaint\_feedback\_status** | Varchar | Status of complaint |
| 8 | **Complaint\_payment** | Integer | Payment for complaint |

**Table name : tbl\_feedback**

**Primary key:** fid

**Foreign key:** Login\_id

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