**TABLE DESIGN**

**Project Title:** ADMINISTRATIONE ECCLESIAE

(Church Management)

Submitted To, Submitted By,

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**Table login:** It stores login details such as username, password, user type and status.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Constraints** | **Description** |
| Username | Varchar(10) | Primary key | It stores user name for login |
| Password | Varchar(10) | Not Null | Password for login |
| User type |  |  |  |
| Status | Boolean |  | Status of user |

**1.Admin Module**

**Table\_ Ward:** It stores all names of ward in a parish.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Ward Id | Int | Primary key | Reference to ward |
| Ward name | Varchar(15) |  | Name of ward |

**Table\_ family:** It stores family details in a ward such as family name and name of family head.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Ward Id | Int | Foreign key | Reference to table\_ ward |
| Family Id | Int | Primary key |  |
| Fam.name | Varchar(15) |  | Family name |
| Fam. head name | Varchar(10) |  | Name of the family head |

**Table\_Gender:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Gender Id | Int | Primary Key |  |
| Gender Name | Varchar(10) |  | Ether male or female |

**Table \_Person details:** It stores details of individuals.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Family Id | Int | Foreign Key | Reference to table\_ family |
| Person Id | Int | Primary Key |  |
| F.name | Varchar(10) |  | First Name |
| L.name | Varchar(10) |  | Last name |
| D.O.B | date |  | Birth date |
| Place | Varchar(10) |  | Place of birth |
| Edu | Varchar(10) |  | Educational Qualification |
| Blood group | Varchar(10) |  | Blood group |
| Mobile | Number(10) |  | Contact number |
| Gender Id | Int | Foreign Key |  |

**Table\_ Baptism details:** It stores baptism details.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data type** | **Constraints** | **Description** |
| Person Id | Int | Foreign Key | Reference to tbl\_Person details |
| Bapt. RegNo | Int | Primary Key |  |
| Gender Id | Int | Foreign Key |  |
| Bapt.Name | Varchar(10) |  | Baptism Name |
| Bapt.place | Varchar(10) |  | Baptism Place |
| Bapt.date | date |  | Date of baptism |
| God father | Varchar(10) |  | God father name |
| God Mother | Varchar(10) |  | God mother name |
| House name | Varchar(10) |  | House name of God parents |
| Parish | Varchar(10) |  | Parish of God parents |
| Minister | Varchar(10) |  | Name of Minister |
| Issued date | date |  | Date of issue |
| Con.date | date |  | Date of confirmation |
| Conf.place | Varchar(10) |  | Place of confirmation |
| Conf.Minister | Varchar(10) |  | Name of confirmation minister |

**Table\_ Marriage:**

**Primary key**-Marriage Regno.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data type** | **Constraints** | **Description** |
| Bride id | Int |  |  |
| Groom id | Int |  |  |
| Marriage Regno | Int | Primary Key |  |
| Marriage date | Date |  |  |
| Place | Varchar(10) |  | Place of marriage |
| Minister | Varchar(10) |  | Name of minister |
| Witness name | Varchar(10) |  | Name of witness |
| Issued date | date |  |  |

**Table\_add\_Organisation:** It stores organization name, Id, and description of organization.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data type** | **Constraints** | **Description** |
| Organization Id | Int | Primary key | Reference to organization |
| Name | Varchar(10) |  | Name of organization |
| Description | Varchar(20) |  | Description of organization |

**Table\_ add members to organization:** It stores details of members belonging to the organization.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Person Id | Int | Foreign Key | Person Identification |
| Organization Id | Int | Foreign Key | Organization Identification |
| Member\_ First Name | Varchar(10) |  | Name of member |
| Member\_Last Name | Varchar(10) |  | Last name of member |
| House Name | Varchar |  | House name of member |
| Gender Id | Int | Foreign | Gender of member |
| Age | Int |  | Age of person |
| Approval status | Boolean |  | Status identification |

**Table\_ Org event details:** It stores organization event details.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data type** | **Constraints** | **Description** |
| Org.Id | Int | Foreign key | Identification of organization |
| Event Name | Varchar(10) |  | Name of event |
| Description | Varchar(10) |  | Description of event |
| Date | Date |  | Date of event conducted |
| Photo and Video | photo |  |  |

**Table\_add income details:** It stores income details.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Income\_Id | Int | Primary key | Income identification |
| Income\_type | Varchar(10) |  | Type of income |
| Date | date |  | Date |
| Amount | long |  | Credited amount |
| Description | Varchar(20) |  | Description of income |

**Table\_ Expense details**: It stores expense details of organization.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Expense\_Id | Int | Primary Key | Expense Identification |
| Expense\_type | Varchar(10) |  | Type of expense |
| Description on Expense | Varchar(20) |  | Description |
| Date | Date |  | Date |
| Amount | Long |  | Amount Debited |

**Table\_ Contribution:** It stores contribution details.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Contributor id | Int | primary | Identification of contributor |
| F\_ Name | Varchar(10) |  | First name |
| L\_ Name | Varchar(10) |  | Last name |
| Address | Varchar(20) |  | Address |
| Phone | Int |  | Contact number |
| Contributor type | Varchar(5) |  | Type of contribution |
| Description | Varchar(20) |  | Description of contribution |
| Priest approval status | Boolean |  | Status |
| Admin approval Status | Boolean |  | Status |
| Gender Id | Int |  |  |

**Table\_ Asset details:** It stores details of assets.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Asset Id | Int | Primary Key | Assets identification |
| Asset type | Varchar(5) |  | Type of assets such as buildings, cultivation, vehicle etc. |
| Description | Varchar(20) |  | Description of assets. |

**Table\_ Gallery:** It stores photos and videos of Event.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Type |  | Primary key | Photo or video |
| photo | photo |  | Photos of event |
| Video |  |  | Videos of event |
| Date | date | Primary key | Date of event |
| Description | Varchar(15) |  | Description |

**2.Priest Module**

**Table\_ news update:** This module will store information of news update.

|  |  |  |  |
| --- | --- | --- | --- |
| **field** | **Data type** | **Constraint** | **Description** |
| Date | Date |  | Date of news |
| Time |  |  | Time of publish |
| News | Varchar(15) |  | News published |

**Table \_Mass schedule:** It stores all the details of mass scheduling.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraint** | **Description** |
| **id** | **int** | **Primary key** |  |
| **Day** | **Varchar(10)** |  |  |
| **Date** | **Date** |  |  |
| **Time** |  |  | **time** |

**3.Authenticated Users**

**Table\_ download certificate:** It stores all the details of certificate such as certificate type, id, Name and certificate.

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Data Type** | **Constraints** | **Description** |
| Certificate id | Int | Primary Key | Identification to certificate |
| Certificate type | Varchar(5) |  |  |
| Certificate Name |  |  |  |
| Approval status | Boolean |  |  |
| Issued date | date |  |  |
| Name of recipient | Varchar(15) |  |  |