

PANCHAYATH RURAL **EMPLOYMENT**

Submitted To:

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RMCA B S3

Table Design

TOTAL TABLES: 19

1.tbl_login

Primary key: LoginID

Description : This login is for login Operations

Field	Data Type	Key Constraints	Description
LoginID	INT	Primary Key(Auto Increment)	Unique identifier
Username	VARCHAR(20)	Not Null	Username
email	VARCHAR(20)	Not Null	Email
Password	VARCHAR(20)	Not Null	Password
otp_code	INT	Not null	Otp code generate on forget password
User type	VARCHAR(20)	Not Null	Users types
Status	INT	Not Null	Active /Deactive

2.tbl_thozhil_approval

Primary key: ApprovalID

Foreign key: WorkerID (Foreign Key to tbl_worker)

Field	Data Type	Key Constraints	Description
ApprovalID	INT	Primary Key(Auto Increment)	Unique identifier
WorkerID	INT	Foreign Key	Worker's ID
ApprovalDate	DATE	Not Null	Date of approval
Status	VARCHAR(20)	Not Null	Approval status

3. tbl_Salary_Management

Primary key: SalaryId

Foreign key: WorkerID (Foreign Key to tbl_worker)

Field	Data Type	Key Constraints	Description
SalaryID	INT	Primary Key(Auto Increment)	Unique identifier
WorkerID	INT	Foreign Key to tbl Worker	Worker's ID
Month	VARCHAR(10)	Not Null	Salary month
Year	INT	Not Null	Salary year
Amount	DECIMAL(10, 2)	Not Null	Salary amount

4.tbl_Notifications

Primary key: NotificationID

Foreign key: WorkerID (Foreign Key to tbl_worker)

Field	Data Type	Key Constraints	Description
NotificationID	INT	Primary Key(Auto Increment)	Unique identifier
RecipientID (User or Worker)	INT	Foreign Key to tbl_worker,tbl_user	Recipient's ID
Message	TEXT	Not Null	Notification message
DateTime	DATETIME	Not Null	Date and time of the notification

5. tbl_Add_Member

Primary key: MemberID

Foreign key:LoginID(Foreign Key to tbl_login)

Field	Data Type	Key Constraints	Description
MemberID	INT	Primary Key(Auto Increment)	Unique identifier
LoginId	INT	Foreign Key to tbl-login	LoginId
Name	VARCHAR(50)	Not Null	Member's name
Ward Number	Int(100)	Not Null	Member's Ward
ContactInfo	VARCHAR(100)	Not Null	Member's contact info

6. tbl_Work_Report_Details

Primary key: MemberID

Foreign key: WorkerID (Foreign Key to tbl_worker)

Field	Data Type	Key Constraints	Description
ReportID	INT	Primary Key (Auto Increment)	Unique identifier
WorkerID	INT	Foreign Key to tbl-worker	Worker's ID
WorkDate	DATE	Not Null	Date of the work report
Description	TEXT	Not Null	Detailed work description
Status	VARCHAR(20)	Not Null	Report status

7. tbl_Application_Approval

Primary key: MemberID

Foreign key: UserID (Foreign Key to tbl_user_details)

Field	Data Type	Key Constraints	Description
ApplicationID	INT	Primary Key (Auto Increment)	Unique identifier
UserID	INT	Foreign Key to tbl-user	User ID
Status	VARCHAR(20)	Not Null	Approval status

Member Module:

8. tbl_Team_Leaders

Primary key: LeaderId

Foreign key: MemberId (Foreign key to tbl_Member)

Field	Data Type	Key Constraints	Description
LeaderID	INT	Primary Key (Auto Increment)	Unique identifier

MemberID	INT	Foreign Key to tbl-member	Member's ID
TeamName	VARCHAR(50)	Not Null	Team name

9.tbl_Working_Days_Assignment

Primary key: AssignmentID

Foreign key:MemberID,workerID(Foreign key to tbl_member,tbl_Worker)

Field	Data Type	Key Constraints	Description
AssignmentID	INT	Primary Key(Auto Increment)	Unique identifier
MemberID	INT	Foreign Key to tbl-member	Member's ID
WorkerID	INT	Foreign Key to tbl-worker	Worker's ID
WorkingDays	INT	Not Null	Number of working days

10. tbl_Complaint_Response

Primary key: ComplaintsID

Foreign key:MemberID(Foreign Key to tbl_member)

Field	Data Type	Key Constraints	Description
ComplaintID	INT	Primary Key(Auto Increment)	Unique identifier
MemberID	INT	Foreign Key to tbl-member	Member's ID
Description	TEXT	Not Null	Complaint description
Status	VARCHAR(20)	Not Null	Complaint status

Worker Module:

11. tbl_Worker_Details

Primary key: WokerID

Foreign key:LoginId(Foreign Key to tbl-login)

Field	Data Type	Key Constraints	Description
WorkerID	INT	Primary Key(Auto Increment)	Unique identifier
Login ID	INT	Foreign key to tbl-login	Login ID
Name	VARCHAR(50)	Foreign Key to tbl-member	Worker's name
Address	VARCHAR(100)	Not Null	Worker's address
ContactInfo	VARCHAR(100)	Not Null	Worker's contact info

12. tbl Attendance Records

Primary key: AttendanceID

Foreign key:Worker ID(foreign key to tbl_worker)

Field	Data Type	Key Constraints	Description
AttendanceID	INT (PK)	Primary Key(Auto Increment)	Unique identifier
WorkerID	INT (FK to Worker table)	Foreign Key to tbl-member	Worker's ID
WorkDate	DATE	Not Null	Date of attendance record
Status	VARCHAR(20)	Not Null	Attendance status

13. tbl WorkSite Details

Primary key: SiteID

Foreign key:User ID(foreign key to tbl_user)

Field	Data Type	Key Constraints	Description
SiteID	INT	Primary Key(Auto Increment)	Unique identifier
User ID	INT	Foreign Key to tbl_user	User ID
Location	VARCHAR(100)	Not Null	Work site location
Description	TEXT	Not Null	Work site description
Status	VARCHAR(20)	Not Null	Work site status

User Module:

14. tbl User

Primary key: User ID

Foreign key:LoginID(Foreign key to tbl_login)

Field	Data Type	Key Constraints	Description
UserID	INT	Primary Key(Auto Increment)	Unique identifier
Login ID	INT	Foreign key to tbl-login	LoginID
Name	VARCHAR(50)	Not Null	User's name
Address	VARCHAR(100)	Not Null	User's address
ContactInfo	VARCHAR(100)	Not Null	User's contact info

15. tbl ThozilCard Application

Primary key: ApplicationID

Foreign key:UserID(Foreign key to tbl_user)

Field	Data Type	Key Constraints	Description
ApplicationID	INT	Primary Key(Auto Increment)	Unique identifier
UserID	INT	Foreign Key to tbl-user	User's ID
ApplicationDate	DATE	Not Null	Date of Thozil Card application
Status	VARCHAR(20)	Not Null	Application status

16. tbl UserWorking DaysSelection

Primary key: MemberID

Foreign key:UserID(Foreign to tbl_user)

Field	Data Type	Key Constraints	Description
SelectionID	INT	Primary Key(Auto Increment)	Unique identifier
UserID	INT	Foreign Key to tbl-	User's ID
WorkingDays	INT	Not Null	Number of working days

17. User Complaints

Primary key: ComplaintID

Foreign key:

Field	Data Type	Key Constraints	Description
ComplaintID	INT	Primary Key(Auto Increment)	Unique identifier
UserID	INT	Foreign Key to tbl-user	User's ID
Description	TEXT	Not Null	Complaint description
Status	VARCHAR(20)	Not Null	Complaint status

18. tbl UserWork Applications

Primary key: ApplicationID

Foreign key:UserID(Foreign key to tbl_user)

Field	Data Type	Key Constraints	Description
ApplicationID	INT	Primary Key(Auto Increment)	Unique identifier
UserID	INT	Foreign Key to tbl-user	User's ID
WorkSiteID	INT	Foreign key to tbl-workesite	Work site ID
ApplicationDate	DATE	Not Null	Date of work application
Status	VARCHAR(20)	Not Null	Application status

19. tbl CustomizedWorking PlaceRequests

Primary key: MemberID

Foreign key:UserID(Foreign Key to tbl_user)

Field	Data Type	Key Constraints	Description
RequestID	INT	Primary Key(Auto Increment)	Unique identifier
UserID	INT	Foreign Key to tbl-user	User's ID
RequestDate	DATE	Not Null	Date of customization request
Location	VARCHAR(100)	Not Null	Requested location
Description	TEXT	Not Null	Request description
Status	VARCHAR(20)	Not Null	Request status