

Expense Manager

Project Description

The Expense Manager System is designed to help companies record, manage, and analyse all employee-related business expenses and reimbursements in a systematic and transparent way. It provides employees with an easy way to enter expenses and helps HR manage monthly transfers efficiently, while also offering useful income–expense insights and reports.

Screens List

1. Authentication & Dashboard

1. **Login Page:** Role-based authentication (Admin / Normal User)

2. Dashboard:

- Summary of Normal User Related Expenses, Incomes.
- Summary of All Users Related Expenses, Incomes for Admin.

3. Project & People/User Management

4. Expense/Income Category/Subcategory Management

5. Expense/Income Management

- Date: The actual date of the expense/income.
- Category: Type of expense/income (e.g., Travel, Food, Stay, Purchase, etc.).
- Subcategory: A more specific classification (e.g., under Travel – Taxi, Train, Bus, etc.).
- Project: The project or department the expense/income belongs to.
- Amount: The total money spent.
- Attachment (Bill/Receipt): The user uploads a copy or photo of the bill.
- Remarks: Optional notes related to the expense/income

6. Reports & Analytics

- Total Income and Total Expense
- Month-wise or Year-wise Statistics
- Category-wise Expense Distribution (e.g., charts or graphs)
- Project-wise Income Expense Summary
- Export to Excel / PDF

Database

Table Name: peoples

COLUMN_NAME	IS_NULLABLE	DATA_TYPE	CHARACTER_MAXIMUM_LENGTH
PeopleID	NO	int	PK
PeopleCode	YES	varchar	50
Password	No	varchar	50
PeopleName	NO	varchar	250
Email	No	varchar	150
MobileNo	No	varchar	50
Description	YES	varchar	500
UserID	NO	int	
Created	NO	datetime	
Modified	NO	datetime	
IsActive	YES	bit	

Table Name: categories

COLUMN_NAME	IS_NULLABLE	DATA_TYPE	CHARACTER_MAXIMUM_LENGTH
CategoryID	NO	int	PK
CategoryName	NO	varchar	250
LogoPath	YES	varchar	250
IsExpense	NO	bit	
IsIncome	NO	bit	
IsActive	NO	bit	
Description	YES	varchar	500
UserID	NO	int	
Created	NO	datetime	
Modified	NO	datetime	
Sequence	YES	decimal	

Table Name: projects

COLUMN_NAME	IS_NULLABLE	DATA_TYPE	CHARACTER_MAXIMUM_LENGTH
ProjectID	NO	int	PK
ProjectName	NO	varchar	250
ProjectLogo	YES	varchar	250
ProjectStartDate	YES	datetime	
ProjectEndDate	YES	datetime	
ProjectDetail	YES	varchar	500
Description	YES	varchar	500
UserID	NO	int	
Created	NO	datetime	
Modified	NO	datetime	
IsActive	YES	bit	

Table Name: expenses

COLUMN_NAME	IS_NULLABLE	DATA_TYPE	CHARACTER_MAXIMUM_LENGTH
ExpenseID	NO	int	PK
ExpenseDate	NO	datetime	
CategoryID	YES	int	
SubCategoryID	YES	int	
PeopleID	NO	int	
ProjectID	YES	int	
Amount	NO	decimal	
ExpenseDetail	YES	varchar	500
AttachmentPath	YES	varchar	250
Description	YES	varchar	500
UserID	NO	int	
Created	NO	datetime	
Modified	NO	datetime	

Table Name: sub_categories

COLUMN_NAME	IS_NULLABLE	DATA_TYPE	CHARACTER_MAXIMUM_LENGTH
SubCategoryID	NO	int	PK
CategoryID	NO	int	
SubCategoryName	NO	varchar	250
LogoPath	YES	varchar	250
IsExpense	NO	bit	
IsIncome	NO	bit	
IsActive	NO	bit	
Description	YES	varchar	500
UserID	NO	int	
Created	NO	datetime	
Modified	NO	datetime	
Sequence	YES	decimal	

Table Name: incomes

COLUMN_NAME	IS_NULLABLE	DATA_TYPE	CHARACTER_MAXIMUM_LENGTH
IncomeID	NO	int	PK
IncomeDate	NO	datetime	
CategoryID	YES	int	
SubCategoryID	YES	int	
PeopleID	NO	int	
ProjectID	YES	int	
Amount	NO	decimal	
IncomeDetail	YES	varchar	500
AttachmentPath	YES	varchar	250
Description	YES	varchar	500
UserID	NO	int	
Created	NO	datetime	
Modified	NO	datetime	

Table Name: users

COLUMN_NAME	IS_NULLABLE	DATA_TYPE	CHARACTER_MAXIMUM_LENGTH
UserID	NO	int	PK
UserName	NO	varchar	250
EmailAddress	No	varchar	500
Password	No	varchar	50
MobileNo	NO	varchar	50
ProfileImage	Yes	varchar	500
Created	NO	datetime	
Modified	NO	datetime	