EXPENSE TRACKER

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Problem

- Traditional expense tracking methods can be cumbersome and error-prone.
- Paper receipts and manual data entry are time-consuming and prone to human error.
- Lack of real-time data access hinders efficient expense management.

Introduction

- This application features distinct user interfaces for employees and managers.
- Employees can submit expense reports electronically with ease.
- Managers have a central hub to review, approve, or reject expense reports.
- Real-time data access promotes informed decision making.
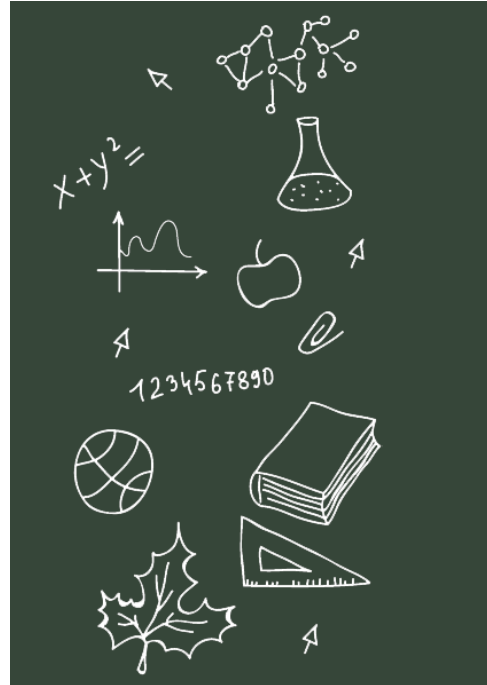
Technologies and techniques used

01
DotNet
Specifically used for the backend and API creation

02
React
Used for frontend to create a responsive UI.

03
SSMS
SQL Server Management Server was used for creating the database

04
AGILE Methodology
Values flexibility, and collaboration, delivers a product quickly

Database Snapshots

Employee Table

	EmployeeId	EmployeeName	Designation	Project	Password
1	1	Ram	Dev	Project	Ram123
2	2	Riya	Manager	App	Riya123
3	3	Priya	Dev	shopping	Priya123

Expense Table

	ExpenseId	EmployeeId	DateOfRequest	ExpenseType	Amount	ExpenseDescription	Status	ManagerId	ManagerName
1	11	1	2024-03-28 19:27:00.000	Health/Medical	900.00	Fever	Rejected	2	Riya
2	12	1	2024-03-27 19:27:00.000	Health/Medical	30000.00	Travelling	Accepted	2	Riya
3	14	2	2024-03-27 14:00:04.360	string	0.00	string	string	1	string
4	17	1	2024-03-27 22:58:00.000	Accessories	4000.00	HeadPhones	Pending	2	Ria
5	27	3	2024-03-28 01:42:00.000	Miscellanious	4000.00	For personal	Pending	2	Riya
6	28	1	2024-03-28 09:46:00.000	Miscellanious	3000.00	Some wrok	Pending	2	Riya

Contents of Expense Tracker

Manager

The Manager is like the administrator

-›

The home welcomes the manager, contains redirection link to expense table

-›

Contains the list of expenses of employees that can be accepted or rejected

Employee

All the employees under a manager have a similar view

-›

The expenses history will be displayed as the landing page with CRUD operations for expenses

-›

The employees can add their expenses, including amount, type and more

Functionalities

Login and Register

We have a Login and Registration form for authorization, based on which the view will be decided.

Add Expenses

We have a Employee view to display a form that can be used to add expenses that in turn can be reflected on the manager's interface for his approval

Approve or Reject

The manager will have the responsibility to Approve or Reject the expense request created by the employee based on the budget and reasoning.

Other Functionalities

... CRUD Operation — The employee can also see the history and status of orders , and perform edit and delete operations

... NavBar — There is also a navigation bar that can navigate the user to different pages like home, about and logout

... SearchBar — The Search bar is used to filter the expenses list for both manager and employee

THANK YOU