DAILY EXPENSE MANAGER

A budget tracking application to control daily expenses using MEAN stack.

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VII SEM MINOR PROJECT ABSTRACT

INTRODUCTION

MEAN is a free and open-source JavaScript software stack for building dynamic web sites and web applications.

The MEAN stack is MongoDB, Express.js, AngularJS (or Angular), and Node.js. Because all components of the MEAN stack support programs are written in JavaScript, MEAN applications can be written in one language for both server-side and client-side execution environments.

EXPENSE MANAGER

This application helps you see all your accounts at one place, understand where your money goes, reduce unwanted spending, and save for future goals.

1. Understand where your money goes.
2. Reduce unwanted spending.
3. Preview your expenses and save for future.
4. Prevent various billing errors.

APPROACH

1. DATABASE (MONGODB)

We will use MongoDB to store the data of our application. MongoDB is a schemaless NoSQL database system. MongoDB saves data in binary JSON format which makes it easier to pass data between client and server.

2. NODEJS

We will use NodeJS to maintain the server side scalability of our project. Node.js is a server side JavaScript execution environment. It's a platform built on Google Chrome's

V8 JavaScript runtime. It helps in building highly scalable and concurrent applications rapidly.

3. ExpressJS

To support the multiple pages of our web application we will be using ExpressJS. Express is lightweight framework used to build web applications in Node. It provides a number of robust features for building single and multi page web application.

4. AngularJS

We will use AngularJS to maintain the GUI of our web application. AngularJS is a JavaScript framework developed by Google. It provides some awesome features like the two-way data binding. It's a complete solution for rapid and awesome front end development.