



SYNOPSIS

ON

COLLEGE CENTS TRACK

Submitted By:

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Submitted To:

Mr. Akash Kumar Choudhary

Technical Trainer

Training and Development

Title of the Project:

Expense tracker website (College Cents Track)

Objective:

Web-Based expense management platform designed to assist college students in effectively managing their finances throughout their academic journey. This user-friendly web application provides a comprehensive solution for monitoring expenses, creating budgets, and gaining valuable insights into spending patterns.

Scope:

A mini project on an expense tracker involves creating an application that allows users to record and categorize their expenses, manage budgets, and view analytics. It should offer features like user authentication, data storage, currency conversion, reminders, and the option to export/import data. The project's scope includes user-friendly interfaces, security measures, scalability potential, and documentation for users and developers.

Methodology:

FRONTEND TECHNOLOGIES:

- HTML
- CSS
- JAVASCRIPT

BACKEND TECHNOLOGIES:

- NODE.JS
- MongoDB

Proposed System:

A "Money Tracker" or "COLLEGE CENTS TRACK" is a financial management application that empowers users to monitor and manage personal finances. It offers expense and income tracking, budget setting, and transaction categorization. Users can visualize financial data through charts, set budget limits, and receive alerts for overspending. These tools enhance financial security, accessible across platforms with intuitive interfaces. Advanced features may include goal tracking, financial analysis, and personalized recommendations. Money Trackers are essential for helping individuals take control of their finances, work towards goals, and secure their financial future.

Features:

The primary features and components of this project include:

1. User Registration and Authentication:
 - Users can create accounts and log in securely to access their personal expense data.
2. Expense Tracking:
 - Users can add, categorize, and record their daily expenses and income.
 - Expense entries should include details such as date, category, description, and amount.
3. Expense Categories:
 - The system will provide predefined and customizable expense categories to help users categorize their transactions.
4. Data Visualization:
 - Users can view their financial data through charts and graphs to gain insights into their spending patterns.
5. Budget Management:
 - Users can set monthly or weekly budgets for different expense categories.
6. Expense History:
 - Users can view and search their expense history, edit or delete previous entries as needed.

Team Members:

Aditya (2115000054) - Front End Developer

Chriag Jain (2115000308) - Database + Backend

Dhruv Srivastava (2115000365) - Project Manager + Front End

Nikhil (2115000662)- Backend + Database

Resources Required:

Software Requirements:

- 1- Operating System
- 2- Git & Github
- 3- Visual Studio Code

Hardware Requirements:

- 1- Hard disk- 256 GB or more
- 2- RAM- 8 GB or more
- 3- Processor : Intel I3 and Above

References:

- 1- YouTube
- 2- W3Schools
- 3- Google
- 4- GitHub

Expected Outcomes:

The expected outcomes of our expense tracker include the creation of a user-friendly website that helps users manage their finances, set budgets, and gain insights into their spending habits. It ensures data security, offers convenience through mobile access, and potentially provides monetization opportunities. The project's documentation and user feedback contribute to its ongoing improvement.

Project Supervisor:

Mr. Akash Kumar Choudhary

Technical Trainer

(Department of Training and Development)

Conclusion:

The expense tracker project successfully achieved its goal of helping users manage their finances more effectively. The application's user-friendly interface, comprehensive features, and potential for future enhancements make it a valuable tool for tracking and controlling expenses.