IMS ENGINEERING COLLEGE

Budget Tracker

Project Synopsis

Department of Information Technology
Course: B.Tech Information Technology (4th Year)
2021-22

Guided By:

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Scan this to visit github repository

ABSTRACT

As matter of fact data analysis and machine learning is becoming very important not only in World of machines but also in every one's life. Machine learning and data analysis together can be used to make most efficient web application, as the matter of fact a Machine learns only on the basis of data provided. Data analysis and configuration couldn't be more suitable for the same.

So, the further project's ideology revolves around the simultaneous usage of these two technologies.

INTRODUCTION

The "BUDGET TRACKER" is going to be a project which will include the ease of one's life. We can use it for maintaining group's budget as well as your own monthly expenses.

The application will ask the mentioned person to login, sign up according to the requirements(unique user id and password for every user). The groups of the mentioned person will be displayed on second window, one can have more than 1 budget group.

There will be entry by every person who is going to spend money, and will be verified by each member of group , so that no confusion is created at the end.

The application will further predict the next month expenses for each group member accordingly

It will also predict further statistical view for next month spending and expenses , to balance the ratio in the group itself.

The web application is going to be a project which will include the ease of one's life. We can use it for maintaining group's budget as well as your own expenses.

APPLICATION DESCRIPTION

  The application will ask the mentioned person to login, sign up according to the requirements(unique identification and unique password for every user). The groups of the mentioned person will be displayed on second window, one can have more than 1 budget group.

  There will be entry by every person who is going to spend money, and will be verified by each member of group , so that no confusion is created at the end.

The application will further predict the next month expenses for each group member accordingly.

TECHNICAL REQUIREMENT

- **Front end**: HTML, CSS, Java script, ReactJS
- **Backend** : NodeJS, MongoDB, .Express
- Machine learning
- Data Analysis

SOFTWARE REQUIREMENT

- Web browser.