



Parshvanath Charitable Trust's  
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(All Programs Accredited by NBA)

**Department of Information Technology**



# **Expense Tracking Application**

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**Project Guide**  
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# 1. Introduction

A Expense Tracking Application is a one kind of digital diary that helps to keep an eye on all of our money related transaction.

- Problem Identified :

At the end of the month we start to have money crises.

Lack of proper planning of our income.

Person has to keep a log in a diary .

All the calculations needs to be done by the user.

- Proposed Solution :

Eliminate the manual Work.

User can Set Budget of each Expense.

Visual Representation of Income & Expense.

## 2. Objectives

1. To manage your personal finance daily and budgeting in simplest way
2. To make Flow-oriented interface to make it quick to enter and easy to enter the expense details and get an accurate picture of your expense and budget everytime.
3. To save money for pre-defined expenses.
4. To spend only on priorities.

### 3. Scope

1. It is usable by anyone who are willing to manage their expenses and aiming for the future investments and many more .
2. Every user of the application has the option to add incomes and expenses accordingly.
3. There is not any range criteria or any kind of profession or gender are focused, it will be used hugely.

## 4. Literature Survey

- (Girish Bekaroo, 2007) did a research on intelligent online budget that manages the expenses and used to give the graphical analysis of data..
- (R N Rajprabha, 2017) created an android version of family budget manager with later evolved in PDA and tablet features.
- Researchers of Nandha and Anna university (2016) created an android version of expense manager in which they used post and remark techniques for underlining the expenses and some of the data mining features for analyzing the market value well.

# **5. Proposed System**

## **1. Track income & expenses**

This can give you a clear picture of how much you are earning and spending. You can evaluate if you are making more expenses and where you need to cut.

## **2. Summary of Data**

User get the Visual representation of added data which make the app user-friendly.

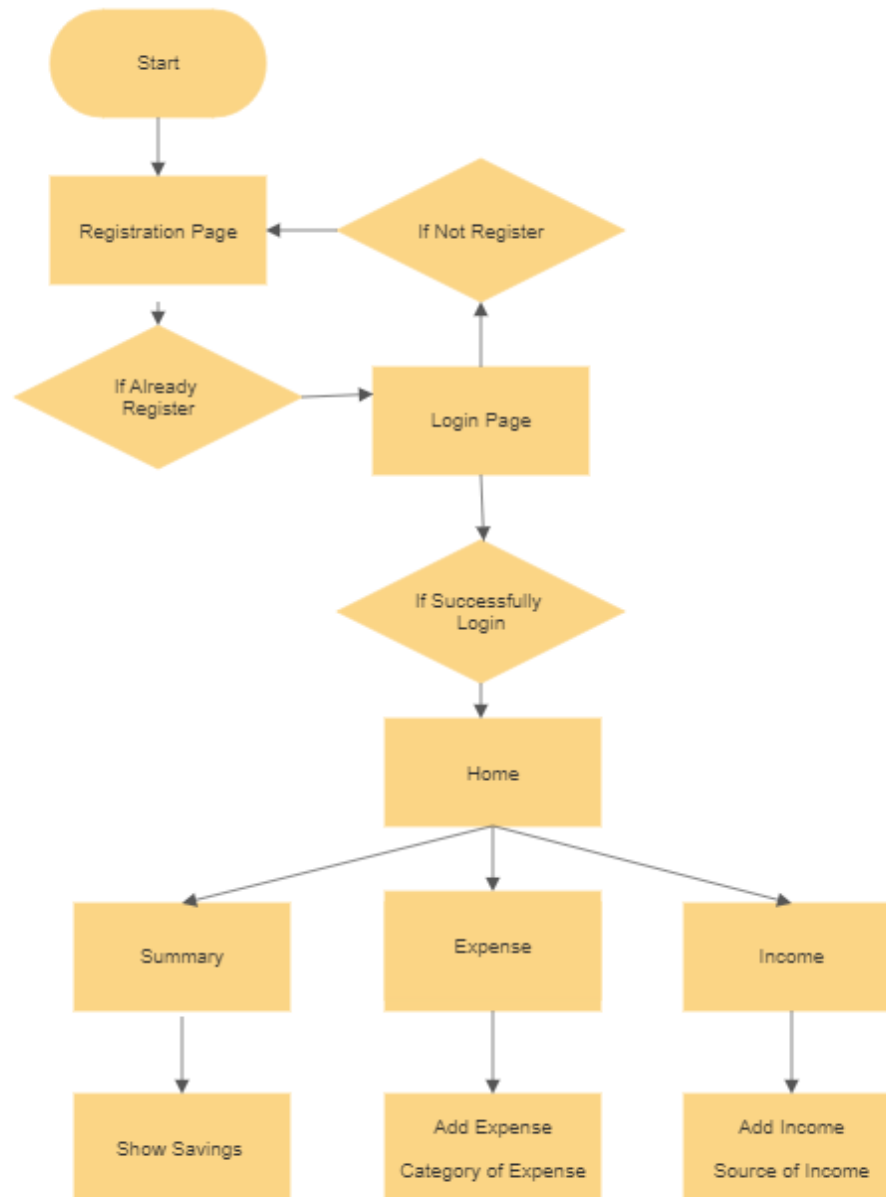
## **3. Eliminate the manual work of calculating Expenses.**

## 6. Project Outcomes

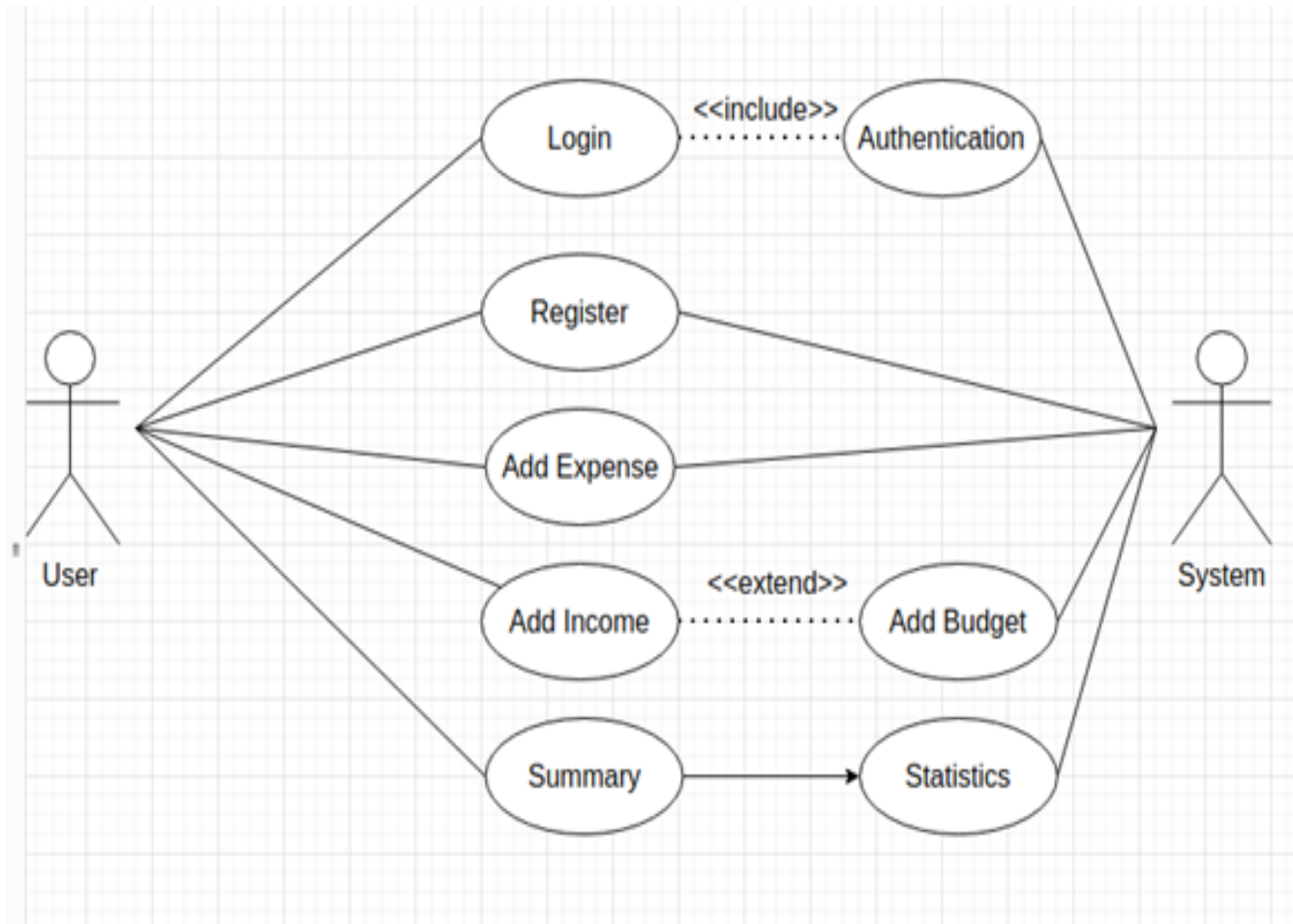
1. Users can manage all financial data .
2. User can track all expense and income category wise.
3. User can Create category and can record all expenses and income.
4. Users can easily review the reports anytime.
5. Users can delete records of their expenses and income at anytime according to their use.



# 7. Flow Chart



# 8. Use Case/DFD



# 9. Technology Stack

## Frontend:

- HTML
- CSS
- Javascript

## Backend:

- Javascript

## Database:

- MySql

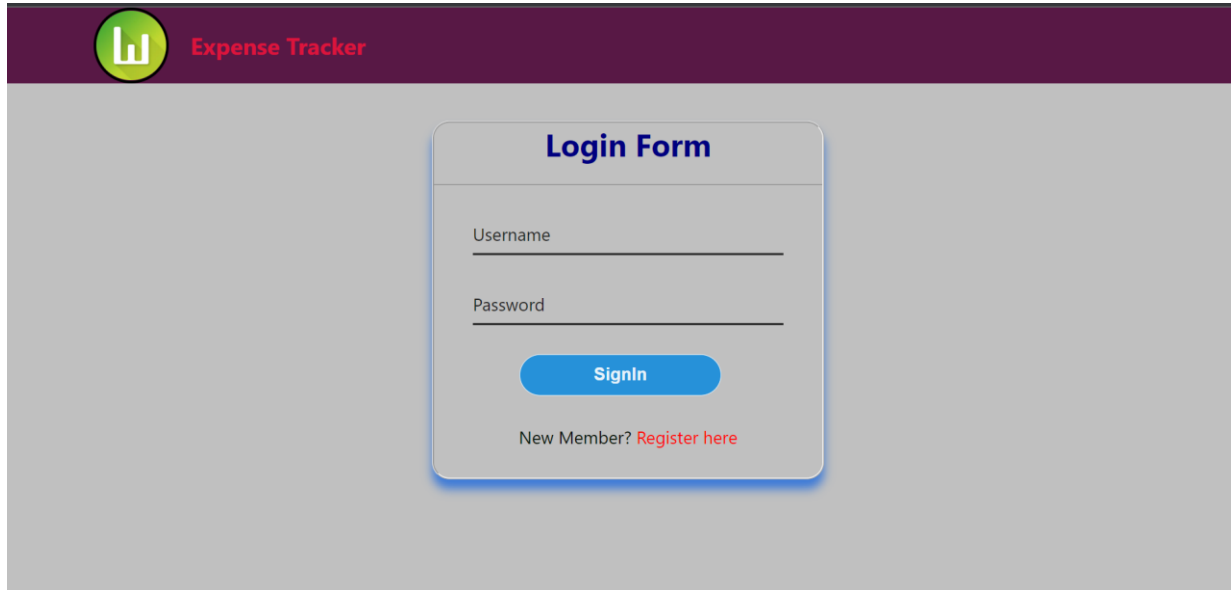
## Operating System:

- Windows

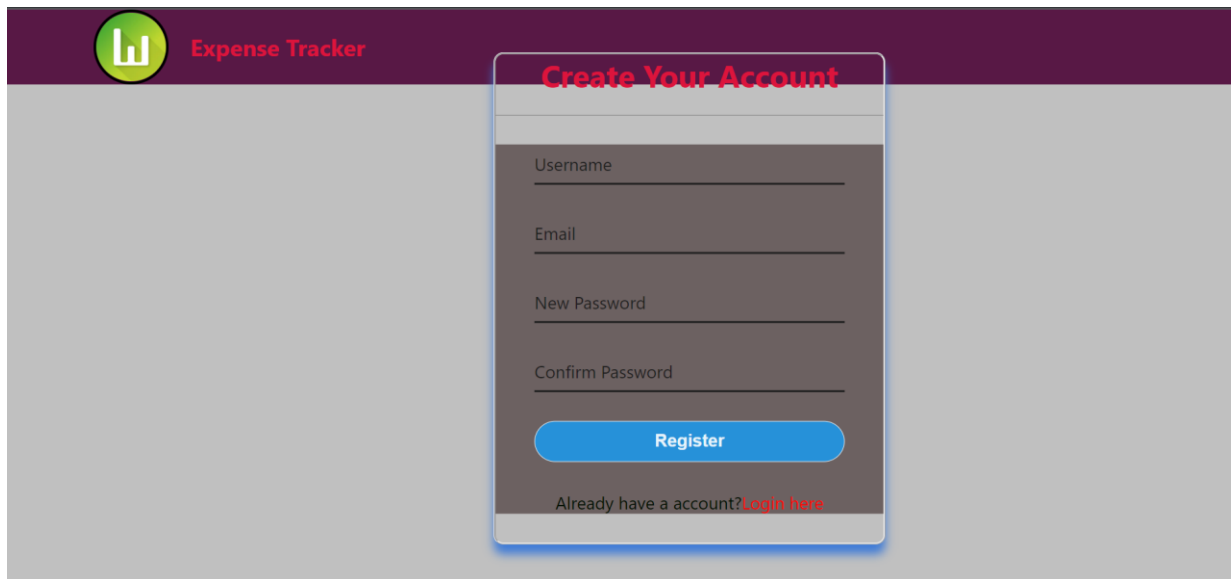
# 10. Suggestions in Review-1

- To make interface more user friendly as the user use our application they should be easily able to use every part with ease.
- To add investment feature with our expense tracker which will add more value to the application.

# 11.Result and Discussion




The image shows a web application interface for an "Expense Tracker". At the top, there is a dark purple header bar containing a green circular logo with a white bar chart icon on the left and the text "Expense Tracker" in red on the right. Below the header, the main content area is light gray. In the center, there is a white rounded rectangle with a blue border and a drop shadow, titled "Login Form" in bold blue text. Inside the form, there are two input fields: "Username" and "Password", each with a horizontal line for text entry. Below these fields is a blue rounded button with the text "SignIn" in white. At the bottom of the form, there is a link that says "New Member? [Register here](#)" in red text.



The image shows the same web application interface as above, but with the "Create Your Account" form displayed. The header bar remains the same. The main content area is light gray. In the center, there is a white rounded rectangle with a blue border and a drop shadow, titled "Create Your Account" in bold red text. Inside the form, there are four input fields: "Username", "Email", "New Password", and "Confirm Password", each with a horizontal line for text entry. Below these fields is a blue rounded button with the text "Register" in white. At the bottom of the form, there is a link that says "Already have a account? [login here](#)" in red text.

# 11.Result and Discussion

 **Expense Tracker**

Summary

Expenses

Income

### Add New Income

Income:

Source:

or add a new source

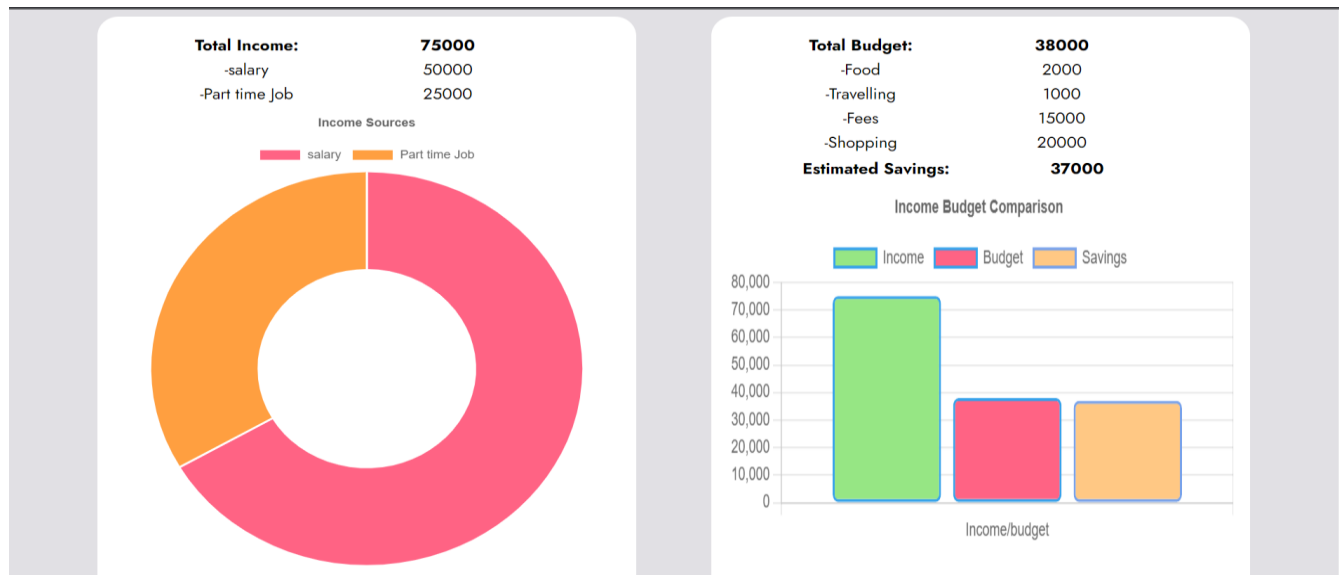
Source:

Date:

submit

### Budget Plan

Category	Amount	Action
Food	2000	<div>delete</div>
Travelling	1000	<div>delete</div>
Fees	15000	<div>delete</div>
Shopping	20000	<div>delete</div>
<input type="text"/>	<input type="text"/>	<div>add</div>



## **12.Conclusion**

Using this application user will be able to manage the cost of their daily expenditure . It will guide them and aware them about their daily expenses . It will prove helpful for the people who are frustrated with their daily budget management . In short this application will help its users to overcome the wastage of money.

## **Future Scope**

- Sending notifications for our daily expenditure.
- Investment feature will be added to the income section where user will have more knowledge with what to do with their money and have a better tracking results in their expense report.
- Making report of your daily income and expenses in pdf format.

# 13. References

- Y. Anitha, R. Ranjini, S. Gomathi, “Easy App for Expanses Manager Using Android”, International Journals of Computer Techniques, Volume: 3 Issue: 2, ISSN: 2394-2231 (March-April 2016).
- N. ZahiraJahan MCA., M. Phil, K. I. Vinodhini, “Personalized Expense Managing Assistant Using Android”, International Journals of Computer Techniques (IJCT), Volume: 3 Issue: 2, ISSN: 2394-2231 (March-April 2016)
- Girish Bekaroo and Sameer Sunhaloo, “Intelligent Online Budget Tracker”, Computer Science and IT Education Conference (2014)



Thank You...!!