

1 Introduction

The daily expense tracker is a web application. which is used to maintain data of daily, weekly, monthly and yearly expenses in an eye-catching way. This project is aimed at developing a web application. which will be helpful to users who run out of resources due to mismanagement and also find it difficult to maintain records of their expenses. So daily expense tracker will help them manage their needs and spending in a better way by accessing the web application directly from web browsers. It is designed and developed in a way that it is compatible with each and every device.

We have also considered disinterest or the lack of time of users to maintain such records and thus made the web application voice powered as well making sure that there is something for each and every type of users. The application doesn't need any extended hardware or software support to run and thus a user with minimal resources can also make use of the application to make a difference into their life. The application will prove to be a crucial utility among the families removing the fear of losing the physical records , here data is stored in local storage of the browser and thus is never lost and stay as it is even if you open the application after a long period of time.

1.1 Abstract

Expense Tracker is a daily expense management system which is specially designed for non- salaried and salaried personnel for keeping track of their daily expenditure with easy and effective way through computerized system which tends to eliminate manual paper works. It will also manage records in systematic way and user can access the stored data conveniently. We have tried to design the project in such way that user may not have any difficulty in using this application without much effort. This software can be really used by end user who have Android running devices with them. The language that we use to develop this system is PHP and MySQL for database.

This paper represents a Expense Tracker is a tool that resides on a remote server and is accessible via browsers. As the name suggest Daily Expense Tracker is a web application that allows you to track the daily expense of the user and help them to better manage their resources. It creates a digital record of the expense of the user. It will also have an expense category where you can make similar transaction about the source of your expense, amount and date. On creating such transaction a different chart for distribution of expense will also be made in real time. The application will be accessible and compatible to all the devices.

1.2 Objective of Project

The main objective of the Project on Daily expense management system is to manage the details of Income, Expense, and Tracking. The purpose of the project is to build an application program to reduce the manual work for managing the Expenses, Tracking and user.

1. User can easily review the reports daily, weekly, monthly or yearly.
2. User can update or delete records.
3. Add Expense and manage expense.
4. Minimize manual effort with daily record of expenditures.
5. Immediate and easy retrieval of report.
6. Secured and transparent data.
7. To save money for pre-defined expenses.

2 Literature Survey

Sr.No	Title Of Paper	Author	Year	Paper Gist
1	Daily Expense Tracker	Shivam Mehra, Prabhat Parashar UG Student, Department of Computer Science and Engineering HMR Institute of Technology and Management, Delhi, India.	2021	<ul style="list-style-type: none">• Daily Expense Tracker is a web application that allows you to track the daily expense of the user and help them to better manage their resources.• It creates a digital record of the income and expense of the user.
2	Daily Expense Tracker	Tamia Ruvimbo Masendu, Aanajey Mani Tripath	2022	<ul style="list-style-type: none">• This important characteristic about this application is that amount you perform tune thane expense by means of citing date, month yet year.• Strengthens a systematic provision as a choice help in conformity by users financial administration and foretelling future budget planning
3	Daily Expense Tracker	Sakthivel.M, Roshini.P, Roja.K, MahaLakshmi.P, Keerthi.V	2023	<ul style="list-style-type: none">• Personal Expense Tracker which keeps track on your savings and expense and alerts the user if the limit exceeds.• Daily based expense tracking guides us saving more money.This system makes you to be in control and win your intention

2.1 Existing System

The Expense tracker existing system does not provide the use portable device management level, existing system only used on desktop software so unable to update anywhere expenses done and unable to update the location of the expense details disruptive that the proposed system provides. In existing, there is no as such complete solution to keep a track of its daily expenses easily. To do so a person as to keep a log in a diary or in a computer system, also all the calculations need to be done by the user which may sometimes results in mistakes leading to losses. The existing system is not user friendly because data is not maintained perfectly. But this project will not have any reminder to remain a person in a specific date, so that is the only drawback in which the remainder is not present. This project will be an unpopulated information because it has some disadvantages by not remind a person for each and every month. But it can used to perform calculation on income and expenses to overcome this problem we propose the new project.

- Builds Discipline and Organization.
- Forces you to think about money.
- Crisis prevention.
- Budget planner.
- Knowing your spending habits.

2.2 Proposed System

To reduce manual calculations, we propose an application. This application allows users to maintain a digital automated diary. Each user will be required to register on the system at registration time, the user will be provided id, which will be used to maintain the record of each unique user. Expense Tracker application which will keep a track of Income-Expense of a user on a day to day basis. The best organizations have a way of tracking and handling these reimbursements. This ideal practice guarantees that the expenses tracked are accurately and in a timely manner. From a company perspective, timely settlements of these expenses when tracked well will certainly boost employees' morale. Additional feature of Expense and income prediction helps to better budget management.

- Users can create personalized accounts to access the system's features.
- Expense tracker can be developed enable user to manage their daily expense in their busy and expensive life.
- Expense tracker provides to user to store expense in daily routing with different categories with dates, so that we can easily access our expense.
- User can access or use the interface easily.

3 Requirement Analysis

3.1 Hardware and Software Requirement

3.2 Software Requirement-

1. Windows 7(32bit) or higher versions.
2. Chrome, Mozilla Firefox, safari etc.
3. XAMPP server.
4. Visual Studio Code.

3.3 Hardware Requirement-

1. i3,i5 Processor based computer.
2. Internet connection.
3. RAM 512GB or more.
4. 5 GB Hard disk. .

4 System Design

4.1 System Architecture

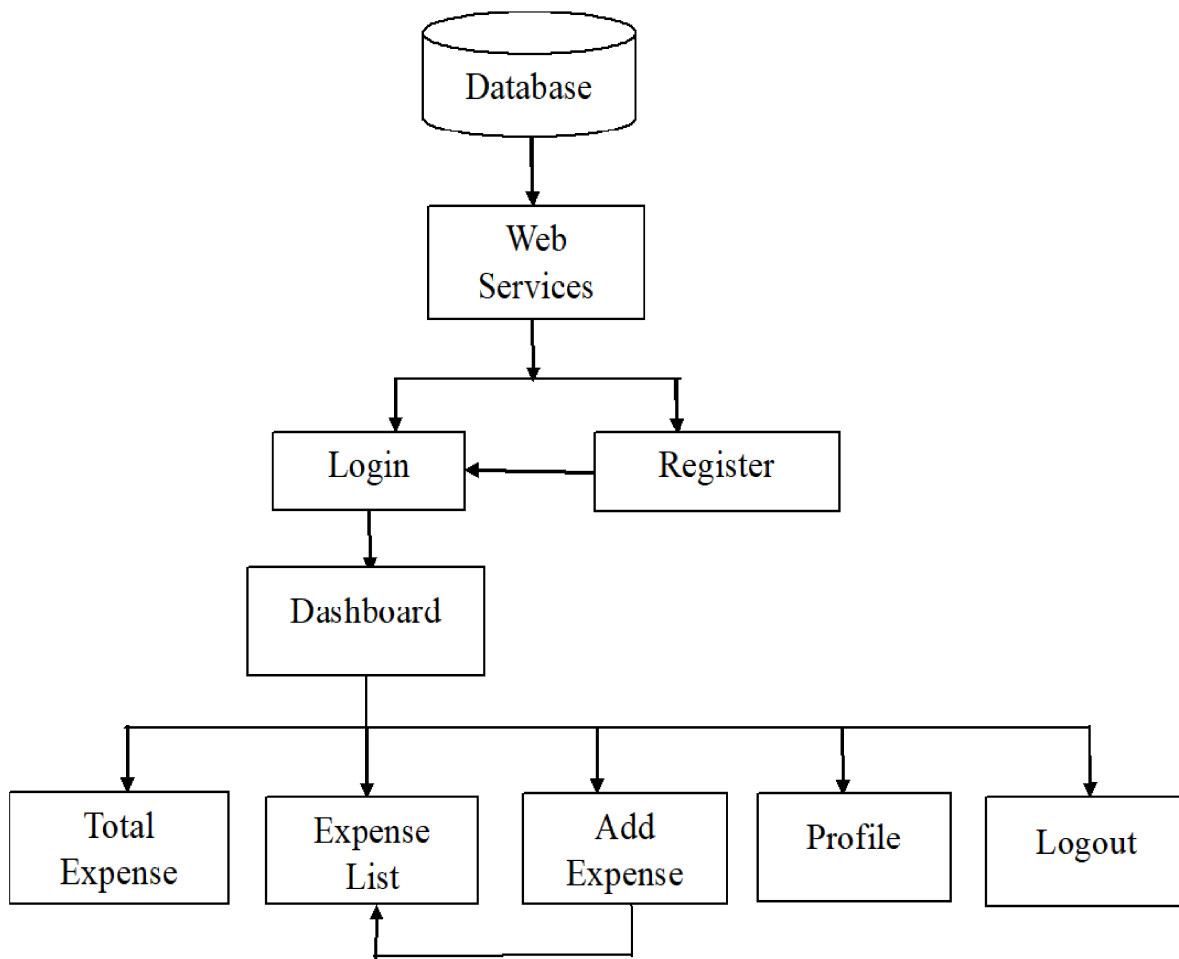


Figure 4.1 : System Architecture

4.2 Data Flow Diagram

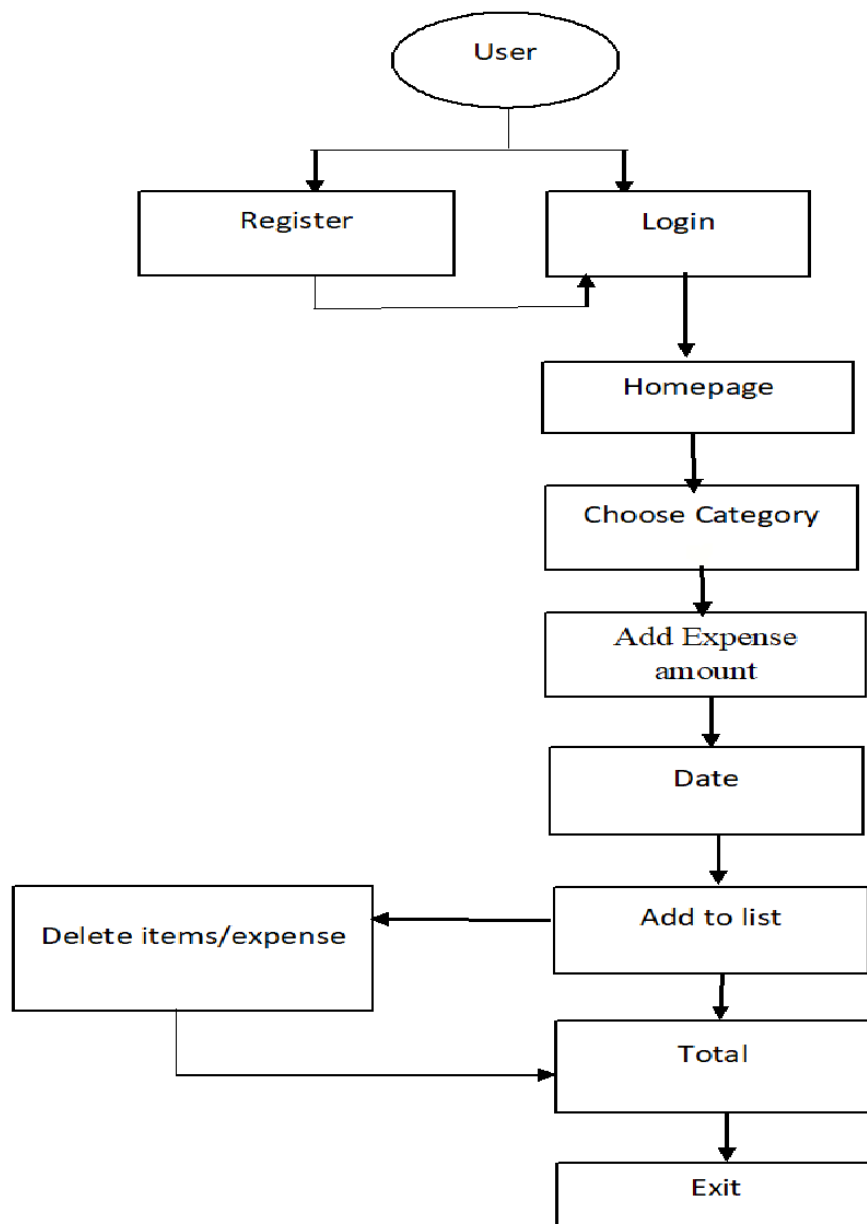
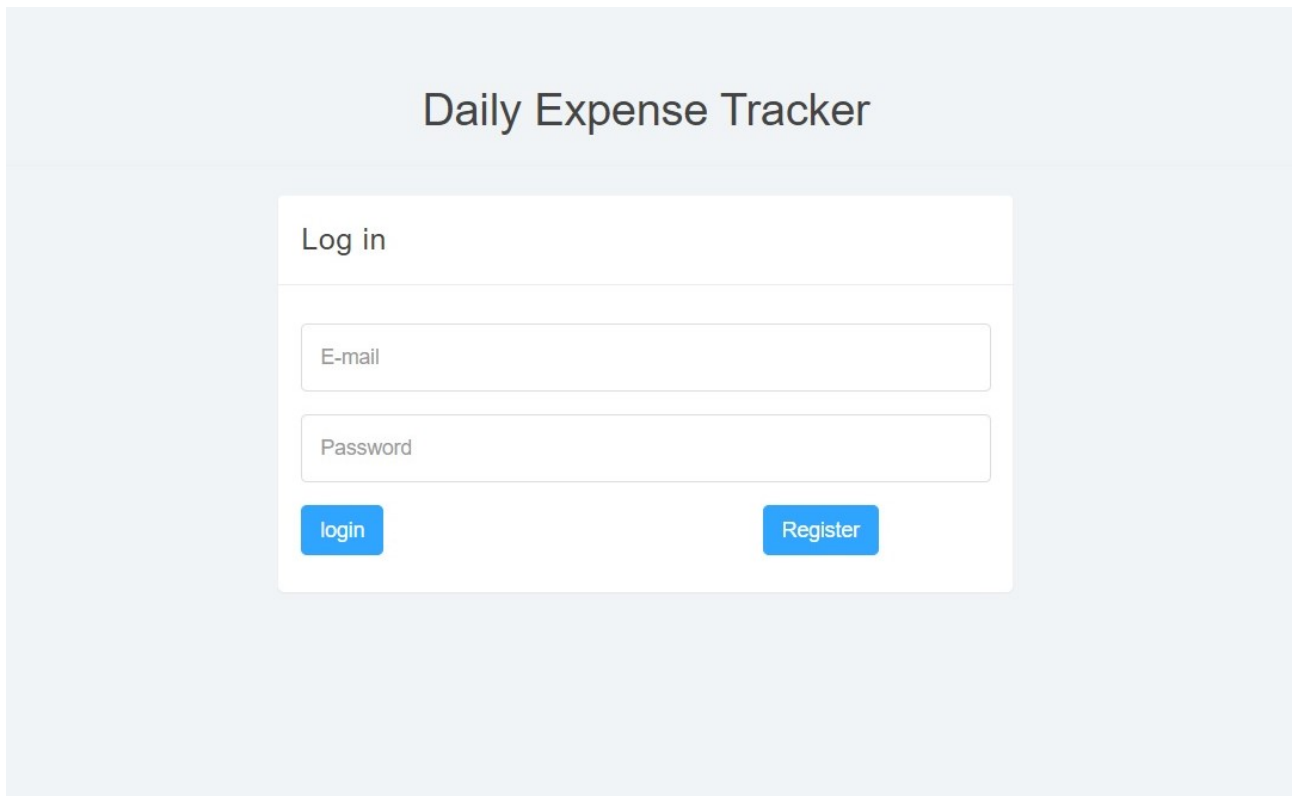


Figure 4.2 : DFD

5 User Interface

5.1 Screenshot



Screenshot 5.1 : Login Page

Daily Expense Tracker

Sign Up

Full Name:

Email:

Mobile Number:

What'sapp Number:

Password:

Repeat Password:

[Register](#)[Login](#)

Screenshot 5.2 : Registration Page

DAILY EXPENSE TRACKER

50 x 50

Siddhi Ashok Nikam

ONLINE

Dashboard

→ Add Expenses

→ Manage Expenses

→ Search Expense

→ Datewise-reports

→ Monthwise-reports

→ Yearwise-reports

Profile

Logout

Dashboard

Current Year Expenses

100

Total Expenses

100

Screenshot 5.3 : Dashboard Page

DAILY EXPENSE TRACKER

90 x 90

Siddhi Ashok Nikam

ONLINE

Dashboard

Add Expenses

Manage Expenses

Search Expense

Datewise-reports

Monthwise-reports

Yearwise-reports

Profile

Logout

Expense

Item

Cost of Item

Add

Screenshot 5.4 : Add Expense Page

DAILY EXPENSE TRACKER

90 x 90

Siddhi Ashok Nikam

ONLINE

Dashboard

Add Expenses

Manage Expenses

Search Expense

Datewise-reports

Monthwise-reports

Yearwise-reports

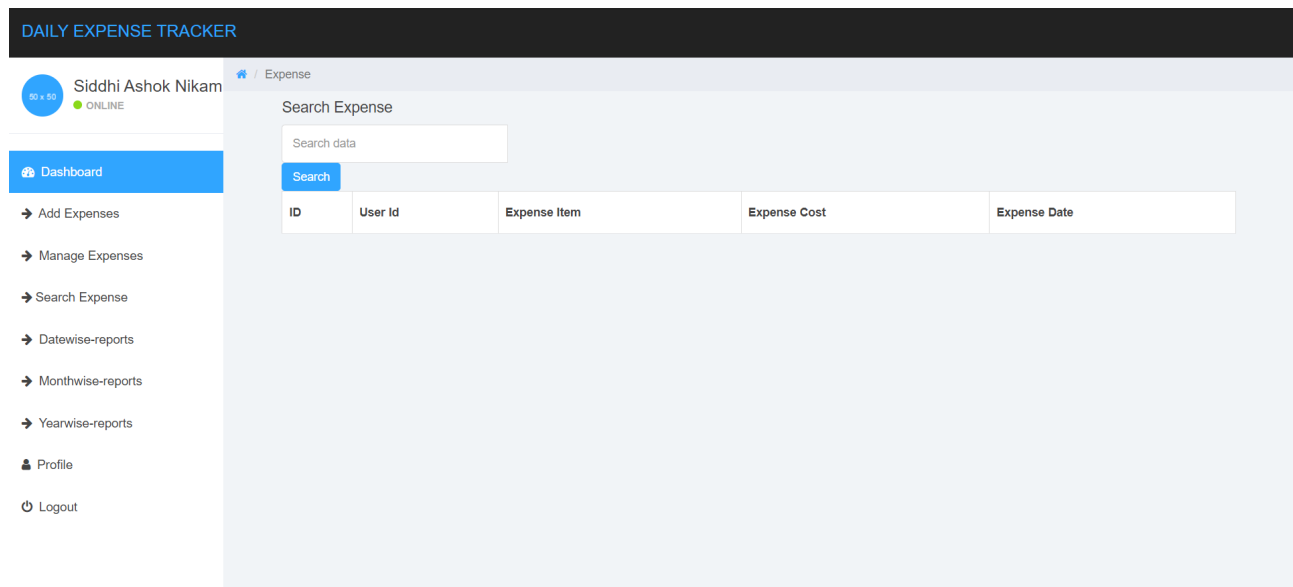
Profile

Logout

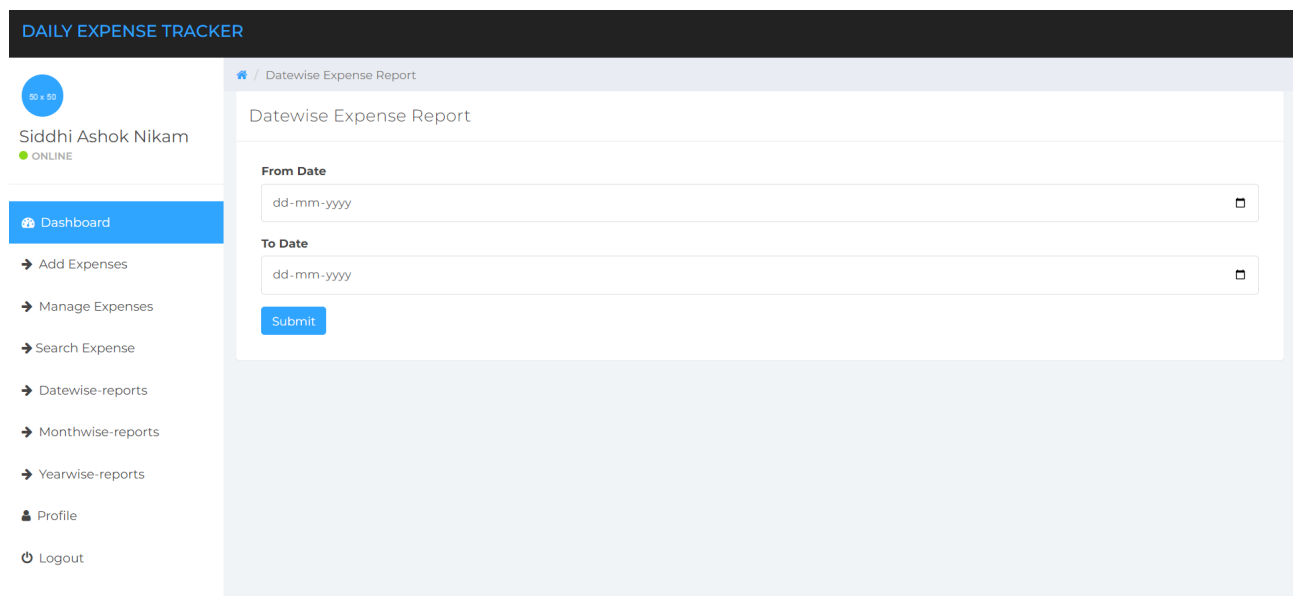
Expense

S.NO	Expense Item	Expense Cost	Expense Date	Action
1	notebook	100	2023-11-20 15:24:41	Delete

Screenshot 5.5 : Manage Expense Page



Screenshot 5.6 : Search Expense Page



Screenshot 5.7 : Datewise Report Page

DAILY EXPENSE TRACKER

50 x 50

Siddhi Ashok Nikam

● ONLINE

Dashboard

→ Add Expenses

→ Manage Expenses

→ Search Expense

→ Datewise-reports

→ Monthwise-reports

→ Yearwise-reports

Profile

Logout

Monthwise Expense Report

Monthwise Expense Report

From Date

dd-mm-yyyy

To Date

dd-mm-yyyy

Submit

Screenshot 5.8 : Monthwise Report Page

DAILY EXPENSE TRACKER

50 x 50

Siddhi Ashok Nikam

● ONLINE

Dashboard

→ Add Expenses

→ Manage Expenses

→ Search Expense

→ Datewise-reports

→ Monthwise-reports

→ Yearwise-reports

Profile

Logout

Yearwise Expense Report

Yearwise Expense Report

From Date

dd-mm-yyyy

To Date

dd-mm-yyyy

Submit

Screenshot 5.9 : Yearwise Report Page

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DAILY EXPENSE TRACKER

55 x 55

Siddhi Ashok Nikam

● ONLINE

Dashboard

Add Expenses

Manage Expenses

Search Expense

Datewise-reports

Monthwise-reports

Yearwise-reports

Profile

Logout

Profile

Profile

Full Name

Siddhi Ashok Nikam

Email

nikamsiddhi55@gmail.com

Mobile Number

9307991612

What'sapp Number

9307991612

Registration Date

2023-11-20 10:10:19

Screenshot 5.10 : Profile Page

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6 Future Scope

Now in our application we covered almost all features but in future we will add some more futures. The features are below

- User can add their profile photo.
- Multiple account support.
- Include currency converter.
- Reports are created in category wise any format.
- The application can be extended to include scanning of barcode on the price tag which decreases the effort of entering the data in the input fields.
- Group: Apart from keeping a personal log, we are planning to extend this
- system to incorporate a shared expense group. The Future Enhancements of the application can be allowed to support in all the upcoming android versions.
- History can be set to view all the details in the app even if the particular data is deleted from the database. Statistics could be prepared based on the Income, Expense details of the user.
- Sharing files via Bluetooth, WhatsApp can be allowed. Printing the details of the particular income or expense details can be made.

7 Conclusion

The new system has overcome most of the limitations of the existing system and works according to the design specification given. The project what we have developed is work more efficient than the other income and expense tracker. The project successfully avoids the manual calculation for avoiding calculating the income and expense per month. The modules are developed with efficient and also in an attractive manner. The developed systems dispense the problem and meet the needs of by providing reliable and comprehensive information. All the requirements projected by the user have been met by the system. The newly developed system consumes less processing time and all the details are updated and processed immediately. Since the screen provides online help messages and is very userfriendly, any user will get familiarized with its usage. Module s are designed to be highly flexible so that any failure requirements can be easily added to the modules without facing many problems. The best organizations have a way of tracking and handling these reimbursements. This ideal practice guarantees that the expenses tracked are accurately and in a timely.

8 References

- 1.<https://www.irjet.net/archives/V6/i3/IRJET-V6I31110.pdf>
- 2.<https://www.irejournals.com/formatedpaper/1702687.pdf>
- 3.<https://www.ijres.org/papers/Volume-9/Issue-12/Ser-4/L09127073.pdf>
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- 6.<https://www.w3schools.com/>