

A PERSONAL FINANCE MANAGEMENT APP

ABSTRACT

The report is about Personal Finance Management System. Personal Finance Management is task people done manually all the time by keeping note on personal notebook or in memory. Now people interested to adopt a new digital computerized system to avoid inaccuracy and getting more project on their daily life expenses and income. This project report mentioned all issues and solution related with traditional personal finance management. This project help end user to store their personal financial transaction, accounts and budgets information along with getting report on income, expense and budgets based on specific time frame. User will able to export their necessary information on several format such as excel, pdf.

Development of application should follow pre organized structured way by maintaining rules and regulations. There are different type of methodology will reflect that regulations and rules. DSDM under hood of agile methodology used to develop this project. So, whole development of this project will follow DSDM which is not limited but include sequential step such as planning, feasibility, foundation, exploration, engineering, development and implementation. This project report can be treated as user manual to know how to use this application. Developer will be benefited by this report to know how further development can be happen.

INTRODUCTION

From beginning of mankind, human being struggle to live. General flow of life always indicates two sequential step as survive and then grow. For this two step mankind always need to keep track of their earning and expense not only for motivation rather to prepare execution plan for future survival and continuous growth. Traditionally management of this step called personal finance management which was maintained manually by using keeping note either paper or human brain memory and then applied calculation.

Now, this is an era of technology where people have less time to engage with some regular staff where expectation of using digitized system to manage their life more efficiently. Personal finance management is not out of that box. People interested to create budgets and keep track of their income and expenses. More specifically projection of their current personal financial status help them to make their decision in a manner to main well survive and then growth.

Computerized personal finance management is an automated system to generate budgets and reports based on user financial input of expenses and incomes. And they want suggestion to improve their outcomes by analysing their data.

The main key feature of this system are:

- User Friendly
- Easy to operate
- Track of personal financial transaction.
- Track of income and expense.
- Budgeting.

This expectation can be covered if system/application can be use in both web and mobile devices. So fulfill these kind of responsibility we decided to bring this application in a manner to usable at web and mobile platform. This solution will be working as Software as Service Platform. We named our system Personal Finance Management.

MODULES

Login

The Login Module is a portal module that allows users to type a user name and password to log in. If you already have an account you can just sign up and in case of forgotten password you can click the option forget password and can recover by getting an OTP.

Register

The Register Module that allows users to type a user name, e-mail and password to register. If you already have an account you can just log in.

Main

This module is a main module of this finance system which consists of other three modules Add Expenses, Set Limit and View Records.

Add Expenses

In this module you can add all the expenses that you have done in the day or month or week. It consists of few attributes like Item Name, Quantity of Item and Cost of the Item and after filling all those you have an option to submit where that will store the expenses list.

Set Amount Limit

Set Amount limit module is used to set the limit with some amount which you are going to spend for the whole month or week. So that it will show the remaining amount after the expenses done.

View Records

This module shows the record of all the expenses that you have made for this week or month.

CODING

```
<html lang="en">

<head>

  <meta name="viewport" content="width=device-width, initial-scale=1.0" />

  <title>Budget App</title>

  <!-- Font Awesome Icons -->

  <link

    rel="stylesheet"

    href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.1.1/css/all.min.css"

  />

  <!-- Google Fonts -->

  <link

    href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;500&display=swap"

    rel="stylesheet"

  />

  <!-- Stylesheet -->

  <link rel="stylesheet" href="style.css" />

</head>

<body>

  <div class="wrapper">

    <div class="container">

      <div class="sub-container">
```

```
<!-- Budget -->

<div class="total-amount-container">

  <h3>Budget</h3>

  <p class="hide error" id="budget-error">

    Value cannot be empty or negative

  </p>

  <input

    type="number"

    id="total-amount"

    placeholder="Enter Total Amount"

  />

  <button class="submit" id="total-amount-button">Set Budget</button>

</div>

<!-- Expenditure -->

<div class="user-amount-container">

  <h3>Expenses</h3>

  <p class="hide error" id="product-title-error">

    Values cannot be empty

  </p>

  <input

    type="text"

    class="product-title"

    id="product-title"
```

```
        placeholder="Enter Title of Product"

    />

    <input

        type="number"

        id="user-amount"

        placeholder="Enter Cost of Product"

    />

    <button class="submit" id="check-amount">Check Amount</button>

</div>

</div>

<!-- Output -->

<div class="output-container flex-space">

    <div>

        <p>Total Budget</p>

        <span id="amount">0</span>

    </div>

    <div>

        <p>Expenses</p>

        <span id="expenditure-value">0</span>

    </div>

    <div>

        <p>Balance</p>

        <span id="balance-amount">0</span>

    </div>

</div>
```

```
    </div>

</div>

</div>

<!-- List -->

<div class="list">

    <h3>Expense List</h3>

    <div class="list-container" id="list"></div>

</div>

</div>

<!-- Script -->

<script src="script.js"></script>

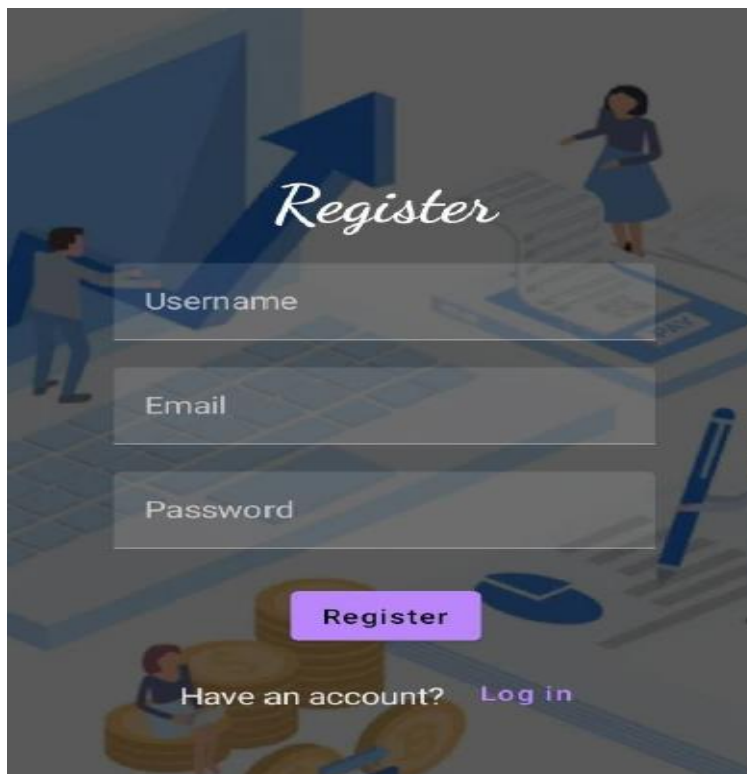
</body>

</html>
```

OUTPUT: LOGIN PAGE



REGISTER PAGE



MAIN PAGE

Welcome To Expense Tracker



Add Expenses	Set Limit	View Records
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ADD EXPENSES PAGE

Item Name

Item Name
pizza

Quantity of item

Quantity
2

Cost of the item

Cost
400

Submit

Add Expenses	Set Limit	View Records
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SET AMOUNT LIMIT PAGE

Monthly Amount Limit

Set Amount Limit

Set Limit

Remaining Amount: 10000

Add
Expenses

Set Limit

View
Records

VIEW RECORDS PAGE

View Records

Item_Name: pizza
Quantity: 2
Cost: 400

Item_Name: cake
Quantity: 3
Cost: 300

Add
Expenses

Set Limit

View
Records

CONCLUSION

This project is developed for stack holders to implement end user system to manage their budgets and personal finance. Using personal finance management app user will able to manage their daily transaction based on category and can track their budget expense and income. Reporting is the main feature of this system which help user to know their current personal financial status.

The main goal of this project is to deliver a digital computerized personal finance management system to end user to overcome their issue at current manual process.