

Software Requirements Specification (SRS) for Budget Tracking App:

1. Introduction

The Budget Tracking App is a software tool that helps users track their income and expenses, manage their budget, and achieve their financial goals. The app will provide users with an easy-to-use interface, allowing them to input their financial data, set their budgets, and receive notifications when they are about to exceed their spending limits. The purpose of this SRS is to define the functional and non-functional requirements of the Budget Tracking App.

2. Functional Requirements

2.1 User Registration and Login: The app must allow users to register and login securely. Users will be able to create their accounts by providing their email address and a strong password.

2.2 Dashboard: The app must have a dashboard that provides users with an overview of their income, expenses, and budget. The dashboard will display charts and graphs to give users a clear understanding of their financial situation.

2.3 Income and Expense Tracking: The app must allow users to input their income and expenses. Users will be able to categorize their expenses and set a budget for each category.

2.4 Budget Management: The app must allow users to set and manage their budgets. Users will be able to set a monthly or weekly budget and receive notifications when they are about to exceed their spending limits.

2.5 Payment Reminders: The app must provide users with payment reminders for their bills and other expenses. Users will be able to set reminders for recurring expenses, such as rent or utility bills.

2.6 Reporting and Analytics: The app must provide users with detailed reports and analytics of their financial data. Users will be able to generate reports based on different categories and time periods.

2.7 Data Backup and Restore: The app must allow users to backup and restore their financial data. Users will be able to backup their data to the cloud or export it as a file.

3. Non-Functional Requirements

3.1 Security: The app must ensure the security of users' financial data. The app will use secure encryption methods to protect user data and prevent unauthorized access.

3.2 Usability: The app must be user-friendly and easy to navigate. The app will have a simple and intuitive interface that users can easily understand.

3.3 Performance: The app must be fast and responsive. The app will be optimized for performance and will not have any lag or delays.

3.4 Compatibility: The app must be compatible with different operating systems and devices. The app will be available on both iOS and Android devices and will work on different screen sizes.

3.5 Accessibility: The app must be accessible to users with disabilities. The app will support accessibility features such as screen readers and voice commands.

4. Interface Requirements

4.1: Login Webpage

The first page that we see when we open the app is the login page. This page asks for the email id and the password that the user has set earlier. If a new user has opened the app for the first time, they can use the sign up here button to create an account.

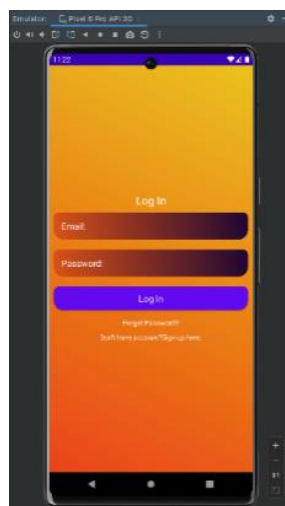


Fig.1 Login Screen

4.2: Home Page

The next page is the Home Page. It has a pie chart that shows the user's budget statistics with different colors for the various categories. The amount set and used is also displayed in the top row of the page. The home page also links the Set budget, History and Add Expense pages.

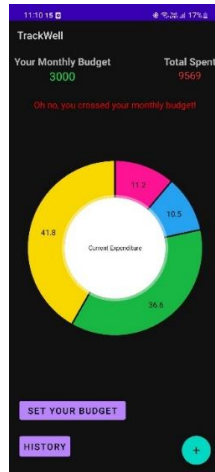


Fig 2. Home Page

4.3: Add Expense Page

The Add Expense page allows the user to add his/her expenditure in any of the categories mentioned. If their required category is not mentioned they can select the option “Others”. The comment section of this page allows the user to add notes to the expenditure which helps the users to identify and sort their budget accordingly.

The screenshot displays the 'TrackWell' app's Add Expense Page. The status bar shows the time 11:11 and battery level 17%. The app header 'TrackWell' is in a dark blue bar. Below it, there is a text input field for 'Enter Amount Spent'. A section titled 'Select Category' lists the following options: Food, Grocery, Stationary, Recharge, Travelling, Clothing, Leisure, and Others. Below the category list is a text input field for 'Comment'. At the bottom right, there is a green button labeled 'DONE'.

Fig 3. Add Expense Page

4.4: Set your Budget Page

This page allows the users to set their overall monthly budget along with budgets for each category.

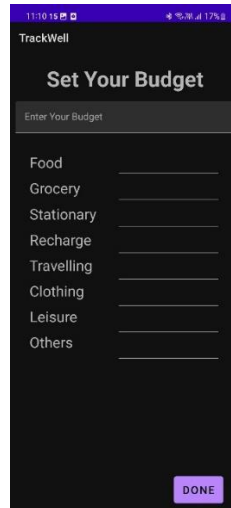


Fig 4. Set your Budget Page

4.5: Expenses List Page

The expenses list page lists all the expenditures of the user along with the category, date, time, and comments.



Fig 5. Expenses List Page

