

# SRS DOCUMENT

## **FinControl : “A Day to Day Income Expense Tracker”**

### **Document :**

System Requirement Specification Sheet.

### **Title :**

System requirement for Day to Day Income Expense Tracking.

### **Team :**

Direct User.

### **Objective :**

The income and expense tracker is a web application that allows users to track their income and expenses and manage their budget. The application will allow users to create accounts, log in, and enter their transactions, categorize them. It will help to keep records of all financial transactions for specific period of time. It will help user to plan their monthly expenditure and get overall idea of their spending habits. These can include setting budgets, identifying areas of unnecessary spending's, and tracking progress toward their financial goals.

### **Scope :**

The application will allow users to create accounts and log in to the application using a username and password. It will allow user to set their Budget, it will allow user to add Amount on a certain date, categorized it in certain form, give brief description of expense done by user. User will able to see his balance amount. User can also view reports on Daily, Weekly, Monthly basis. System will allow user to edit the budget, transactions amount, date, category, date and description.

### **Definitions/Abbreviations :**

- Income: Money Earned from Salary/ Profits, Investment and any other sources.

- Expense: Money Spent on goods, services and bills.
- Budget: Amount Allocated for expense over a certain period of time.
- Balance: Amount Remaining from Total Income and Expense.
- Saving: Money Set aside for future expenses and Financial goals.
- Debt: Money owed to lenders.
- BTD: Begin to Current date.
- Dashboard: Personalized information presented such as PI Chart, graph, etc.

## **Functional Requirements :**

Users must register for an account and use a username and password to access the programme. The monthly budget can be added by the user. User can choose the date for which he wants to contribute revenue or costs by adding them under the categories that are provided. The user may offer a brief explanation of the earnings or expenses he incurred. Additionally, the user may add new categories to the list.

User may control his upcoming spending by viewing his balance at the top.

The cost amount, transaction category, transaction date, and description submitted by the user are also editable.

The user's daily income and expenses are displayed on the calendar.

The calendar will display various signs for the user, such as a red highlight if the user exceeds his daily budget limit, a regular format if the budget is under limit a green sign will highlight.

The user will get notifications for specific transactions or when the budget is above or below a certain threshold. This enables the user to adapt as necessary.

It will generate various financial reports such as balance sheets, income statements, and cash flow statements. These reports allow the user to get a clear overview of their financial situation and track their progress over time.

The user will be able to view financial data in a variety of formats such as charts, graphs, and tables. This allows the user to easily understand and analyze their financial data in a visual format.

## **Non-functional Requirements:**

- The application must have a high level of security to protect user data.
- The application must have good performance, with fast response times and minimal downtime.
- The application must be easy to use and navigate, with a clean and intuitive user interface.

## **Design constraints :**

- The application is developed using Java, SQL, and React.
- The application will store user data in a database.

## **Assumptions and dependencies**

- It is assumed that users have an internet connection when using the application.
- The application depends on a database server to store user data.

## **System interfaces**

- The application will have a web-based user interface, accessible through a web browser.

## **Performance requirements**

- The application will respond to user actions within 2 seconds.
- The application will be available 99.9% of the time.

## **Testing**

- The application will be tested on multiple devices and web browsers to ensure compatibility.
- The application will be tested for performance and stability.
- The application will be tested for security vulnerabilities.

## **Maintenance**

- The application will be maintained and updated regularly to fix bugs, improve performance, and add new features.
- Users will be notified of maintenance or updates in advance.

