**Expense tracking system**

**Synopsis**

Expense Tracker application will keep and track of income-expense of a user on a day-to-day basis. Each user will be required to register to use the application. The application contains a calculator that takes income (annually), maximum daily expense, and the amount of saving a user plans to reach annually as inputs and calculates the amount of saving. If the user exceeds the daily expense limit, the amount of saving is reduced by the amount of extra expense. If the saving becomes 0 then it gives you a new daily expense amount to maintain the saving goals, and if the daily expense is less than the amount of planned expense, then it will add the surplus to the saving. The expense tracking application will generate a report at the end of a month to show income\expense via multiple graphs.

Breaking down the functionalities

1. A splash screen that shows your company name or logo.
2. User registration
   1. Username
   2. Password
   3. Retype Password
   4. Email address
3. Setting
   1. Amount of annual income
   2. Amount of daily expenses
   3. Amount of desired saving
   4. Daily Saving = ((annual income)/365) – (Daily expense)

Annual Saving = (Daily Saving) \* 365

* 1. A list of expense items. The user can customize this list by adding or removing items and changing the price.

If an item already in use for the previous expenses, the user is not allowed to delete it.

Examples of items are grocery, uber, …

1. Data entry
   1. The user selects an expense item from a list
   2. The user enters the amount of expense
   3. The app calculates the total daily cost amount of saving for that day
2. Reports
   1. A report for daily expenses (Bar chart or line graph)
      1. The range of days can be specified by the user
   2. A report for daily saving (bar chart or line graph)
   3. An itemized report that shows how much is spent on each item in a given date range (a pie chart)