Sabancı University
CS310 Spring Term Project

Project Proposal Documentation

Currency Exchange App

.1. Project Title

 "CashSwing"

2. Team Members

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3. Project Overview

"Cash Swing", a simple currency exchange app, provides users with real-time values of each currency rate and a tool to convert certain currencies into other values with respect to the values that the user prompts to the tool. Since currency tracking is crucial on a global scale and are an essential part of the economic dynamics whether it's for trade, stock markets, or even shopping, it aims to provide a practical use to convert what the user selects.

4. Objective and Scope of the project

- **View Exchange Rates**: The app will display various exchange rates on the main page, which can be scrolled and browsed through a list of currencies.

- **Currency Details**:
  When the user taps into the currency they choose, the app will display information about the currency, including past activity throughout the years.
- **Conversion Feature**: A page with a currency converter appears when the user swipes to the left. This converter allows users to select both currencies to convert as well as the amounts of each one. After the conversion, the app gives the user the amount of the respected currency. The user can go back to the main page by simply swiping to the right of the page, where the currency list is present.
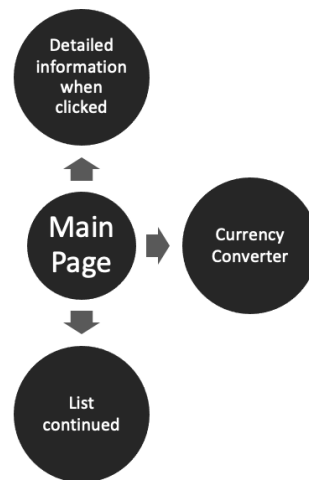
5. Background and current practice

Some popular and state-of-the-art examples are the default stocks app of Apple, currency converter on the app store, as well as Doviz.com and TradingView. These apps both provide a converter tool as well as a list view to see different kinds of currencies and their respective information, such as trends and minimum or maximum values over certain periods of time.

6. Potential customer/user description

The app can be used by general consumers, but it is primarily designed for those who are investors, financial enthusiasts etc. Certain banks or financial institutions may want this kind of application to be built to better serve their customers with their day-to-day investment needs, as well as to be better informed about world economics and currencies.