Team 16 Project Charter   CS30700

Team Members

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Problem Statement

Managing finances is important for any person and company to accrue savings. For most people, small purchases are often forgotten, and piles of receipts are often thrown away because of the hassle in managing it. Current products on the market are geared towards companies with an emphasis on expense reporting for individuals and teams while others are strictly focused on the bigger picture of budgeting. None of the applications out combine into the ultimate expense managing application for small and large expenses.

Project Objectives

1. Create an Android app that allows users to manually keep track of their expenses.
2. Generate a community marketplace where users can download budgeting profiles from other users.
3. Generate statistical and informational charts based on current and projected expenses
4. Implement OCR to automatically extract prices from receipts and add them to the total monthly expenses.

Stakeholders

- Project Owners: Jaineek Parikh, Zhenmu Gong, Canyu Yang, Wynn Smith, Lucas Hall, Aakash Patel
- Developers: Jaineek Parikh, Zhenmu Gong, Canyu Yang, Wynn Smith, Lucas Hall, Aakash Patel
- Users: Everyday people concerned with their finances who want to save or invest money
- Project Coordinator (Manager): Jordan Hagedorn

Project Deliverables

- Android app where people can input and view their finances
- Use Firebase to manage user profiles and store images
- Use GraphView, an open source graph plotting library to plot histograms, pie charts, line graphs, etc.

- Create my day in finances chart from scratch
- Use Google Cloud OCR API to automatically extract prices