

## CMPSC 488 – Capstone Project

### Expense Deck

#### The Expense Trackers

#### Team Members and Contact Information:

Miles – Email: [mch5440@psu.edu](mailto:mch5440@psu.edu)

Julia – Email: [jar6916@psu.edu](mailto:jar6916@psu.edu)

Gagandeep – Email: [gsb5195@psu.edu](mailto:gsb5195@psu.edu)

Blane – Email: [bas6248@psu.edu](mailto:bas6248@psu.edu)

Xinyu – Email: [xfl5153@psu.edu](mailto:xfl5153@psu.edu)

#### Project Description:

Expense Deck is an Android application that keeps track of your monthly expenses. Not only does Expense Deck chart your expenses but it also provides payment reminders, speech recognition for transactions, creating and tracking goals and monthly expense reports. Users can set up alerts for different spending categories and monitor their current balance, past transactions, subscriptions, and monthly income. The summary tab provides users with charts and graphs of their monthly expenditures.

#### Each Members Role Description:

Blane will work on the chart and graph generation (transaction categories chart, graph for expenses per month, graph for expenses that month) for the summary tab, goals tab, user profile.

Miles will work on the monthly report generation, including a customizable graph to track past expenses for the desired items and subscriptions tab.

Julia will work on the menu bar/tabs list and will help with the data for the user profile, reminders, subscriptions, goals, charts, and graphs.

Gagandeep will work on most of the UI for the home, goals, and user profile tab, setting up and connecting the data to the database and speech recognition for transactions.

Xinyu will work on the user profile page, set up the databases and help connect the data to the database.

#### Project Advisor:

Dr. Nguyen – Email: [hzn5099@psu.edu](mailto:hzn5099@psu.edu)

#### GitHub Repository:

<https://github.com/gSBatra/capstone-expense-app>

