Milestone #1
9/27/18
CSCI 3308
Lab Section 204

Team Name: After School Specials

Team Members: Haley Drexel, Bridger Minnick, Mohamed Abdalla, Xinyu Cao, Vivian Tran, Zheng Tang

Description: This app will help users in managing their monthly finances and expenses. This will be a website. First the user would have to sign up. Upon first starting up the app, the users can select from categories (or add their own) and select a percentage of their budget they want to spend for each category or for the whole month. The categories range from small expenses such as clothing and food, to bills. The users would then start to add their expenses to the app (ie $22.21 spent on food today). The app will display progress bars showing where they are for the month and how much they have left to spend for each category in the budget.

At the end of the month, the app would allow for the user to view a report of their finances and a breakdown of what they spent. If the user has overspent this month, the app will change color so they are always in the red. Otherwise they are in the green. The user can also generate reports for past months to compare how they are doing for the month.

Vision Statement: We believe technology should be beneficial instead of a distraction for personal financial success.

Motivation: It is extremely important to ensure one has a budget to keep track of their expenses. Many people don't have budgets due to having to set up complex spreadsheets in excel, and some might not be familiar with it. This will allow users to keep track of expenses, while customizing it to their needs.

Risks: Being able to share different versions with each other.

Risk Mitigation Plan: Managing different versions can be solved by utilizing VCS such as GitHub.

Version Control:
afterschoolspecials-Milestone-Sumbmissions:
https://github.com/MinnickBridger/afterschoolspecials-Milestone-Sumbissions.git

afterschoolspecials-Milestone-Project-Code:
https://github.com/MinnickBridger/afterschoolspecials-Project-Code.git

afterschoolspecials-Meeting-Log
https://github.com/MinnickBridger/afterschoolspecials-Meeting-Log.git

Development Method: We will be using the Agile method. We will meet frequently (once a week) and fix small snippets of our code.

Collaboration Tool: Discord, Text Group Chat

Proposed Architecture: Will be a website. Our backend will use MySQL and PHP to store user data. For our front end we will use HTML/CSS for the UI and jQuery/Bootstrap for the functionality. Might look into ReactJS and using AWS for the backend server.

Join Discord Server: https://discord.gg/XD9gxY

Everyone's Github handles: Haleybug, ZhengTang, MoeMixMC, cassiecao97, vitr2218, MinnickBridger