**P33 Product Design Document**

**Team members:**

| Name | Pronouns | Hawk Email (Figma) | Github Email |
| --- | --- | --- | --- |
| Lucas Ferguson | he/him | lferguson@hawk.iit.edu | lucasferguson16@gmail.com |
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**Problem statement/description:**

* Make a tool to help people (specifically college students) manage their finances.

**Benefit of your product:**

* Teaches people how to better manage their finances.
* Can connect to bank and credit card accounts to automatically record expenses.
  + Make suggestions to the users based on how much they are spending
* Helps people who can’t handle their money to organize themselves and hopefully manage their money.

**Similar App:**

* Mint (Budgeting App)
* Acorn (Savings App)
* Rocket Money (Budgeting App)

**Customer:**

* College students

**Application Type:**

* Website

**MinimumViable Product (MVP):**

* Inputting Data
* Budget Summary
* Budget Analysis

**Tech Stack:**

* Web frameworks (React, Angular)
* HTML
* JavaScript
* CSS

**Software Tools Used:**

* Figma
  + Design mockups
  + Test ideas
* Trello
  + Project management

**Roles:**

* Lucas Ferguson (Pending)
* Achraf Kamni (Pending)
* Damian Samano (Pending)
* Vishnu Thampuran (Pending)
* Iqtedar Uddin (Pending)
* Jason Zheng (Pending)

**Team working agreement:** **What do we want to accomplish/learn together?**

* We want to learn how to brainstorm ideas and design solutions to help solve real-world problems.
* Find different pros and cons of different ideas and make a decision to appeal to our customer.
* Learn how to make an easy to navigate GUI for customers.
* Understand the relationship between frontend and backend.

**Team Working Examples:**

* We will use Github for version control. Team-members will push their finished code to a branch to ensure the main branch remains bug-free.
* If we need to meet outside of class we have found a mutually agreeable time at: (Pending team availability)
* If we need to meet outside of class we will use the following tool/tech for meetings: (Zoom / Discord)
* When we are not meeting together we will use the following tool/tech for communications: (Zoom / Discord)
* We will use Figma to collaborate on making mockups.
* We will use when2meet.com to efficiently communicate our available times to organize meetings.
* We will use Trello to manage a team to-do list. We will use it to assign tasks to specific people.

**Requested Approach/Behavior:**

* We will communicate respectfully in a professional manner. Discussions only. No arguing/name calling of any kind. Respect the ideas of each team member.
* We will divide work fairly. Each member will be responsible for the work they choose to be assigned to (based on their skillset).

**How will we productively solve disagreement?**

* Instead of disagreeing, we will combine our ideas in order to make a project considering everyone's ideas. If a disagreement cannot be solved that way, we will put it to a vote.