

## **EE/CprE/SE 491 WEEKLY REPORT 01**

**Start Date – End Date :** 9/12 - 9/19

**Group number:** 25

**Project title:** MoonDeal

**Client &/Advisor:** Simanta Mitra

### **Team Members/Role:**

Team Liaison/Communication Leads: Zachary Foote  
Research Lead: Logan Roe  
Project Manager: Kaden Wingert  
Technical Lead/Architect: Elyse Kriegel  
Testing/Quality Assurance: Gavin Rich  
Documentation/Meeting Lead: Kolby Kucera

(All the above information should be there in each weekly report. The format/color scheme etc need not be the same. However, please remove everything that is in a bracket from your final submission. These are just part of the template and need not be a part of the report.)

- **Weekly Summary** *(Short summary about what the group did for the week. This should be about a paragraph in length. These are just a few questions to help you get started. What was the overall objective for the week? In general, what tasks were completed? Were there any changes made to the project?)*

Team 25 submitted a custom project, so the first action taken involved discussing what the app would do and what key features it should have. Once this was discussed, the group created a project proposal and contacted Simanta Mitra to be the group's faculty advisor. After the approval stage, a Doodle survey was created and conducted to coordinate a weekly time to meet, as well as a bi-weekly time to meet with the faculty advisor. Additionally, mock-up designs for the mobile app and Chrome extensions were created.

The team also researched to decide on a new route to take for the project. We determined that our initial idea would be too similar to existing applications and wanted to find something slightly different and more unique.

- **Past week accomplishments** *(Please describe/summarize as to what was done, by whom, when and, collectively as a group. This should be about a paragraph or*

*two in length. Bulleted points are acceptable as well. Please keep only your technical details related to your project. Figures, schematics, flow diagrams, pseudocode, and project related results are acceptable, but please ensure that they are legible (clear enough to read) and to provide an explanation. If researching a topic, please add a few details about what was learned and how it is relevant to the project. If two or more people worked on a single task, be sure to distinguish how each member contributed to the task. Specific details relating to the assistance provided to other members may be included here. **Do not include classwork, such as individual reflection assignments, and group meetings as part of your duties.**)*

• Kaden Wingert:

- Created Figma mockups for the Chrome extension with six views, including signup/sign-in pages, a home page, a screen that works as a popup when browsing a product on a website, and a screen to compare prices at other stores.
- Conducted research on similar products to determine ways to differentiate our product
- Did research on Chrome extension development and developed a basic local Chrome extension

• Gavin Rich:

- Designed Figma mockups for mobile app's home page, registration flow, and button action results (modals, page routing, etc.).
- Learned about AWS concepts and technologies in order to have a clear understanding of what will be useful and/or necessary for our project.

• Kolby:

- Researched other products to find a more specialized path for our project, Looked into AWS Aurora as a Relational Database option

• Logan Roe:

- I did some AWS research to further familiarize myself with AWS and understand how it is going to be incorporated into our project.
- Researched some similar products so we can determine ways to make our product different, and stand out from what's out there.

• Zachary Foote:

- I created several pages in Figma (intro, login, signup, home, cart, settings) to give a visual design for what our front end might look like and some basic functionalities that might be included.
- Heavily involved in new idea brainstorming as we are in a potential transition of Chrome extension/app ideas

• Elyse Kriegel:

- Did AWS research on how our backend setup may functions
- Learned a simple/cheap way we can possibly host our static website
- Learned ways to create our api and connect to our potential database

- **Pending issues** *(If applicable: Were there any unexpected complications? Please elaborate.)*

The current issue at hand is figuring out what direction we want to take with our project idea. The group determined that the current idea is too similar to other products, such as Honey, and still are deciding on a final idea to pursue.

- **Individual contributions**

<b><u>NAME</u></b>	<b><u>Individual Contributions</u></b> <i>(Quick list of contributions. This should be short.)</i>	<b><u>Hours this week</u></b>	<b><u>HOURS cumulative</u></b>
Kaden Wingert	Created Figma designs, Team contract	6	6
Kolby Kucera	Meeting minutes, wrote sections of the charter, AWS research	3	3
Logan Roe	AWS research & researched similar products	3	3
Gavin Rich	Researching AWS concepts, Did figma designs for mobile app	3	3
Zachary Foote	Created Figma Designs for opening page, login/signup pages, Home page, Cart, Settings	6	6
Elyse Kriegel	AWS research	3	3

- **Comments and extended discussion** *(Optional)*

We are currently brainstorming which direction we want to take with this app/Chrome extension. The initial idea was to create an extension/website/app that would allow users to

save money across any product on select sites. However, we are now brainstorming and customizing the app to appeal to certain realms of online shopping - such as apparel. We feel that there could be more potential in having a more specified audience.

- **Plans for the upcoming week** *(Please describe duties for the upcoming week for each member. What is(are) the task(s)?, Who will contribute to it? Be as concise as possible.)*

Kaden - Have ideas ready about different paths we can take with the project and various features it could have. Create more mockups if necessary. Look into how to construct the architecture of the project.

Kolby - Come back with clear features and numbers about what AWS services we can use. Look into AWS Aurora. Contribute to the product research assignment.

Gavin - Design potential new project route. Make several more pages in Figma for the mobile app. Help with product research assignments. Potentially design an app logo.

Elyse - Use draw.io to design our backend flow on AWS, this would consist of potential AWS resources and connections.

Zach - Use Figma to create a rough markup of the new apparel app idea. Create some custom pages within the main scope of the new app to give a visual of what the idea would look like to users. Additionally, do some research on competing apps already on the market.

Logan - Come up with ideas, and mockups if necessary, on how to design our app/website, what features should be included, and what products it would apply to.

- **Summary of weekly advisor meeting** *(If applicable/optional)*  
*(Provide a concise summary on the contents and progress made during the advisor meeting.)*

We are still trying to find a time to meet with our advisor. We have sent an initial email, as well as a follow-up email.