

Sprint 1 Report

<https://github.com/issayass/322-Repo>

Video Link:

What's New (User Facing)

- Home page
- Login Page
- Menu Page
- Cart Page

Work Summary (Developer Facing)

During this sprint, we focused on establishing an IDE using a site called stackblitz that allowed us to create a working frontend page for the project. We focused on the basic components including a homepage, a login page, a menu page and a shopping cart system. The main barriers we faced are compatibility issues we had between stackblitz and github that created complications with basic git commands like pushing and pulling on the IDE.

Provide a one paragraph synopsis of what your team accomplished this sprint. Don't repeat the "What's New" list of features. Instead, help the instructor understand how you went about the work described there, any barriers you overcame, and any significant learnings for your team.

Unfinished Work

For this sprint, we were unable to complete anything past User Story 3, as a more legitimate backend was required to tackle those issues. We spent a lot of our time planning and learning the languages necessary to accomplish the previous user stories and we did not anticipate the background info necessary to get as far as we did. Here are the links to the issues we worked on but were not able to complete this sprint.

[Issue 4](#)

[Issue 5](#)

[Issue 6](#)

[Issue 7](#)

[Issue 8](#)

[Issue 9](#)

All these issues will be addressed with the implementation of an actual modifiable backend. This will be taken care of in the subsequent sprint.

Completed Issues/User Stories

Here are links to the issues that we completed in this sprint:

[Issue 1](#)

[Issue 2](#)

[Issue 3](#)

Code Files for Review

Please review the following code files, which were actively developed during this sprint, for quality:

<https://github.com/issayass/322-Repo/blob/main/src/App.tsx>

<https://github.com/issayass/322-Repo/blob/main/src/Menu.tsx>

<https://github.com/issayass/322-Repo/blob/main/src/Cart.tsx>

<https://github.com/issayass/322-Repo/blob/main/src/Inventory.tsx>

Retrospective Summary

Here's what went well:

- * We have a really solid plan for the layout of the rest of the project. The development of the UML Diagrams as well as creating user stories, working on our Kanban board, and learning about the software development lifecycle in general have all helped us to create a vision for the future of this project.

- * We have made a lot of progress in learning about the front-end technologies that we are using in our project. We started out with not knowing much at all about the languages and tools we're currently using. We took a deep dive into the intricacies of the stack we've been developing with and haven't had too many problems on that front.

- * Although we're still not perfect at it, we've become a lot better users of GitHub and Stackblitz. We have no trouble pumping out issues and pushing solutions to the codebase.

Here's what we'd like to improve:

- * We've had issues with getting different technologies in our development environment to play friendly. Stackblitz and GitHub have been a never ending battle causing us to lose time with basic Git commands such as pushing and pulling. Building more on top of what we have learned so far about our development environment will allow us to write faster and better, not having to worry about tooling around with the environment.

- * The backend for the project. Right now, we only have a frontend. Having a backend is critical as it would allow us to have a working app. Currently, no data can actually be stored within our application as there's nothing for the frontend to communicate with.

- * We would like to improve our class attendance during this upcoming sprint. Meeting in class is helpful for both learning more about software development from our professor and having a chance to meet together right before and after class to see where everyone's at.
- * We would like to get better at reviewing each other's code. Reviewing code is important for the lifecycle of this project as it keeps everyone up to date on what's being added to the codebase, reduces issues and bugs, and increases productivity.

Here are changes we plan to implement in the next sprint:

- * We would like to increase our attendance rates for this class. We will work on our communication, making sure that we can all have times to meet up and work on our project.
- * We would like to start thinking about the backend. We can brainstorm the backend requirements, figure out what API endpoints we need as well as how the data is going to flow and develop a roadmap for a backend.
- * We would like to work a lot more on the programming part of the project now that we're done with all the diagrams, issues, planning, etc. We would like to have a minimum viable product (MVP) of the core functionalities by the end of the next sprint.
- * We would like to get better at reviewing each other's code. Creating a schedule where we can rotate who reviews who's code as well as make sure reviews are completed within an efficient timeframe.