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CMSC 495

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**Phase 3**

**Milestone Progression**

Milestone progression is being tracked on the Figure 1 table. Our group is currently on track to complete the application based on our current milestones.

|  |  |  |
| --- | --- | --- |
| Milestone | Description of Goal | Completed? |
| Week 3 | Create a GitHub for project repository (Justin)  User guide/test plan created and submitted (Will) | Yes  Yes |
| Week 4 | Complete project design (Will, Justin, Maurice)  Create web shell and test framework (Justin, Maurice) | Yes  Yes |
| Week 5 | Source 1 submitted (Will)  Application should create an account and store login information (Maurice, Justin, Will) | Yes  Yes |
| Week 6 | Source 2 submitted (Will)  Creating the dashboard and testing functionality (I.e. creating containers) (Justin, Maurice) | Yes  Yes |
| Week 7 | Source 3 submitted (Will)  Creating project fields and ability to manipulate tasks (Will, Maurice, Justin) | Yes  Yes |
| Week 8 | Final Submission (Will)  Finalizing project tasks and addressing any outstanding issues (Maurice, Justin) | No  Partial |

*Figure 1*. Table tracking Milestone progression.

**Encountered Problems**

In Phase 2, we decided to attempt using React to make a more dynamic and interactive application. Specifically, performing CRUD (Create, Read, Update, Delete) operations with JavaScript. This was extremely challenging as integrating React into Django was not a simple task. There were many errors that took too long to address and for the sake of the program's functionality, we decided to roll back to our original plan. At the time, expanding the scope to adjust for React seemed like a good idea, but was not possible to complete given the amount of time left in the course. This did not affect our Milestone progress as we were ahead of schedule and we wanted to make a more interactive application.

**Reevaluation**

As stated in Encountered Problems, React is being removed from the program. Going forward, we will be applying finishing touches on the styling of the site. Currently, the styling is rudimentary and allows use of all functionalities. To accomplish this, we will use aspects of SASS (Syntactically Awesome Style Sheets) to make styling the site more aesthetically pleasing for users.

**Adjustments to Previous Documentation**

Changes to documentation will take place in the final week. Specifically, the User Guide will adjust to include the new styling and functionality. Additionally, the Design will be updated to incorporate the new class changes that have taken place on the project. We will also include a Table of Figure for all figures used throughout the documentation.

Lastly, the group GitHub has the most current updated information and can be found at the link below for those interested.

<https://github.com/Justin444/ProjectManagementWebsite>

**Source Code**

The source code can be found on the GitHub link above. Instructions for running the program can be found in the README.md.

**Summary**

All functionality of the site is now complete as of now. In the Dashboard, you can manage the projects by removing, renaming, and creating projects. In the project, you can add tabs that will act as columns or categories. In the categories, you can add, delete, and check tasks. You can also adjust tab settings to create more categories or remove entirely from the project. We are still discussing how to deploy the site, whether hosted on a server or locally by the individual. Once styling has been adjusted over the next two days, we will begin testing and adjusting final documentation.

**References**

(2022). Table tracking Milestone progression [screenshot].