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CMSC 495

2/20/2022

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**Phase 2**

**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  Partial |
| Week 7 | Source 3 submitted (Will)  Creating project fields and ability to manipulate tasks (Will, Maurice, Justin) | No  Partial |
| Week 8 | Final Submission (Will)  Finalizing project tasks and addressing any outstanding issues (Maurice, Justin) | No  No |

*Figure 1*. Table tracking Milestone progression.

**Encountered Problems**

We encountered an issue with the task management page building the user interface. We decided to transition the page utilizing React instead of using JQuery. This will enable a superior user experience and allow us to create interactive application using the database in Django.

Additionally, we ran into styling issues with the Login page, specifically with the inability to extend the base HTML page. When extending, the CSS was becoming compressed on the page effecting the styling and efficiency of the nav bar.

**Reevaluation**

We decided to transition from JQuery to React for a superior user experience. Currently, the user experience with JQuery is insufficient and when implemented with the back end, causes a lot of errors. For example, when referencing variables, there are issues like tasks being assigned to multiple projects. To address this, we are transitioning to React for the Dashboard and Project view. This will address these errors and provide and better experience for users on the site.

**Adjustments to Previous Documentation**

There are no changes to any previous documentation. Once styling has been updated on the webpages, the User Guide will be updated accordingly.

Additionally, 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**

The team is currently scheduled to complete the project on time. As of today, we have account access created and styled, but are still working on Dashboard and Project views. This week we identified some key issues with JQuery in the back end and are working to address using React. Since we were ahead of schedule, this change will not deter project completion and still provide adequate time for testing. At this pace, our group should still have the project complete by the end of Week 7, leaving one week for addressing functional issues, and testing.

**References**

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