William Meyer, Maurice Jones, and Justin Apostle

CMSC 495

1/21/2022

CMSC 495 Week 2 Discussion

**Roles and Responsibilities**

Team Lead: William Meyer

Front End Development: Maurice Jones

Back End Development: Justin Apostol

Development Support: William Meyer

**Milestones**

* Week 2
  + Complete project plan (Will)
  + Identifying team roles (Will)
  + Completing early research (Will, Maurice, Justin)
* Week 3
  + Create a GitHub for project repository (Justin)
  + User guide/test plan created and submitted (Will)
* Week 4
  + Complete project design (Will, Justin, Maurice)
  + Create web shell and test framework (Justin, Maurice)
* Week 5
  + Source 1 submitted (Will)
  + Application should create an account and store login information (Maurice, Justin, Will)
* Week 6
  + Source 2 submitted (Will)
  + Creating the dashboard and testing functionality (I.e. creating containers) (Justin, Maurice)
* Week 7
  + Source 3 submitted (Will)
  + Creating project fields and ability to manipulate tasks (Will, Maurice, Justin)
* Week 8
  + Final Submission (Will)
  + Finalizing project tasks and addressing any outstanding issues (Maurice, Justin)

**Requirements Specification**

The program management web application will allow a user to create an account to login to later. From this application, the user can create one or multiple projects from a dashboard. The user can then select one project and create tasks for that project that will be sorted into columns. Additionally, the user can create new columns to help manage each task. Each column will have parameters as designated by the user to help them manage their project. Ideally, this application would be utilized by students, programmers, and other individuals managing personal projects.

A perfect scenario for this application would be an undergraduate student working on a programming project with a 3-week deadline. The student would create an account, login, create a project, and begin organizing tasks to be completed. The application will help organize tasks by priority for the student and keep them on pace to complete the project on time. Once the project is complete, the student can remove the project from their dashboard.

**System Specification**

The application will be programmed using the Django stack which includes Python, Javascript, MongoDB, and Django. The user will be required to have a modern web browser that supports Javascript and HTML5.