

Team Member Report

Advisely, An Education Support Application

Big Muscle Boys

Sam Elliott, Jens Hansen, Connor Langlois, Eli Legere, Eric Schessler, Spencer Ward

COS 420 UMaine Spring 2019

Professor: Sepideh Ghanavati

Sprint 1

Name: Sam Elliott

Role Played: Scrum Master

Duties: Attended meetings as scrum master, Created GitHub repo, set up KanBan board, created Firebase deployment platform, created the react app and deployed it to Firebase, wrote use case descriptions and updated Project Description document.

Role for next week: Developer

Goals for next week: Implement Firebase user authentication and create account system. Develop web application and provide rudimentary scheduling functionality. Set up database to store class information and create persistent data linked to accounts.

Issues encountered: A big issue for me was getting used to the software development methodology that we are using. Managing people and making sure that tasks got split of and assigned to people was difficult at times. Learning react and deploying it to firebase was also challenging.

Issues resolved: The methodology is coming together, our second scrum and sprint planning went much smoother. Having the scaffolding of the kanban board, github, and google drive have helped make the process of assigning tasks and sharing information much smoother this time around. I got the react app on firebase and am in the process of learning react.

Percentage contribution: 12%

Name: Jens Hansen

Role Played: Developer

Duties: Create use case diagrams, finish software requirement specification document, and update user stories.

Roles for following week: Product Owner

Goals for following week: Learn about Node.js and the express package. Least about React and Firebase. Structure the database and store data.

Issues Encountered: The primary issue encountered was that I've never worked on a project of this scale. Because of this issue, I found that the number of document requirements and the sheer amount of documentation was halting. My first few hours of work were spent reading up on what the various documents were meant to encapsulate and to say. Following this, the sprint speed up considerably and no significant issues were encountered.

Issues Resolved: As above, the only significant issue encountered was that lack of understanding of the scope of this project. Following several hours of research and thought, this was resolved as I was better able to tackle individual problems.

Percentage Contribution: 19.5%

Name: Connor Langlois

Role Played: Developer

Duties: Create and finish the Software Requirements Specification. Assist in creation of Product Backlog, Sprint Backlog, and Use Case Descriptions.

Roles For Following Week: Scrum Master

Goals For Following Week: Manage GitHub, manage the sprint process, manage KanBan

Issues Encountered: The main issues encountered during this sprint were the learning process of Scrum, the associated documents with the process, and setting up GitHub. Figuring out the architecture we want to use was an integral part of the process and outlines how we will go about developing our application and its backend.

Issues Resolved: After learning portions of GitHub, ZenHub, and Firebase, I can confidently say that I have resolved these issues. I feel confident enough to make changes and commits to Git and use Firebase as our backend.

Percentage Contribution: 19.5%

Name: Eli Legere

Role Played: Product Owner

Duties: I managed and updated the Product Backlog and ordered each item by sprint number. For objects I worked on, I contributed to and completed the Product Backlog. I contributed to the User Stories Document by editing and creating stories. I also significantly contributed the Software Requirements Specifications document. I also help with the organization of our sprints in order to ensure everyone had and was fulfilling a role.

Issues Encountered: The issues I encountered were mainly becoming familiar with the documents and then dealing with the sheer writing requirements of the SRS document.

Goals: I will be part of the development team. Our goals our to allow users to create an account, store data, create a schedule and save that data onto a database.

Percentage Contribution: 19.5%

Name: Spencer Ward

Role Played: Developer

Duties: Expanded and reorganized the User Story document, created and organized the Product Backlog, gave feedback on the Use Case Models, and assisted in writing Use Case Descriptions.

Role for next week: Developer

Goals for next week: Formalize code and file structure conventions, assist other team members in learning React, and start programming the schedule page.

Issues encountered: I had problems coordinating with other team members to plan meetings and divide up work. I am also used to a less formal and more discussion-focused design process, so I had some trouble getting used to the new document style.

Issues resolved: Now that we are making some progress into the project, the formal document style is making a bit more sense. As a team, we are getting more used to coordinating work ahead of time, so hopefully we will have an easier time collaborating in the future.

Percentage contribution: 10%

Name: Eric Schessler

Role Played: Developer

Duties: Worked on the creation of the Sprint and Project backlog, conceptualized and organized use case models, constructed use case diagram, work on use case descriptions

Role for next week: Developer

Goals for next week: Break ground on the schedule building, schedule option building, and schedule constraints features. Become familiar with react, and node.js

Issues Encountered: Lack of understanding of scrum, organizing and prioritizing document creation, and document creation time were all major hurdles this week. Scrum has taken some getting used to, and coupled with organizational demands of the project at the time of this report was a lot to piece together. Also the sheer writing overhead for this project was frustrating, to say the absolute least.

Issues Resolved: I think we have a far better understanding of scrum now, which I'm sure will continue to improve with time. Also now the vast majority of the early documentation is done, that has solved the present organizational issue.

Percentage Contribution: 19.5%