

Team Member Report

Advisely, An Education Support Application

Big Muscle Boys

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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 next 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.

Issues Resolved: N/A

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%

Sprint 2

Name: Sam Elliott

Role Played: Developer

Duties: Set up KanBan Board for this deliverable and sprint. Research firebase authentication, familiarize self with react, create sprint backlog.

Role for Next Week: Developer

Goals for Next Week: Finish all documentation for Deliverable 2. I am going to be focusing on the sequence diagram.

Issues Encountered: Sprints are so short that it we ran into an issue where by the time we had gotten around to working on a sprint it was almost over. With not having this project be a full time thing it almost seems like 2 week sprints may be better. We keep talking about people being on time to meetings but it continues to be an issue.

Issues Resolved:

Percentage Contribution: 20%

Strengths: Cooperative, hard working. Keeps the group organized.

Weaknesses:

Name: Jens Hansen

Role Played: Product Owner

Duties: Learning React JS and about the structuring of FireStore

Role for Next Week: Developer

Goals for Next Week: Finish the necessary artifacts for deliverable 2

Issues Encountered: There is a decided lack of promptness within the group.

Issues Resolved: This was brought to the team's attention, and will hopefully cease soon

Percentage Contribution: 16%

Strengths: Keeps group on task during meetings. Actively organizes meetings and promotes discussion. Hard working, willing to help all members with their assignments if needed.

Weaknesses: Finds it difficult to identify smaller problems which require fixing.

Name: Connor Langlois

Role Played: Scrum Master

Duties: Ensured Scrum Methodology being followed consistently and proficiently. Refamiliarize self with React.

Role for Next Week: Developer

Goals for Next Week: Starting and completing sequence diagram and domain model documents. Updating SRS document.

Issues Encountered: Lack of timeliness to arrive at meetings.

Issues Resolved: Labeled as a focus of the group.

Percentage Contribution: 16%

Strengths: Focused, hard working. Always working on or polishing some artifact

Weaknesses: Could fill in the role of scrum master a bit more

Name: Eli Legere

Role Played: Developer

Duties: My duties for the week were to be part of the planning process i.e. contribute to the whiteboard design of Domain Modeling and to become familiarized with React Js

Role for Next Week: Developer

Goals for Next Week: Complete Software Architecture document and the Sequence Diagram.
Continue to learn and practice React Js.

Issues Encountered: The group has encountered a learning curve with the new documents.
The group has trouble coordinating and communicating meeting times.

Issues Resolved: The group now understands the artifacts.

Percentage Contribution: 16%

Strengths: Willing to work on any task

Weaknesses: Doesn't perform tasks outside of group meeting

Name: Spencer Ward

Role Played: Developer

Duties: Selected styling and file structure conventions for the site. Wrote a barebones component to use as a model for the other components. Started learning JSDoc to set commenting standards.

Role for Next Week: Developer

Goals for Next Week: Complete the Domain Model document and help with the Architecture Design document.

Issues Encountered: We are quickly realizing that most of our programming will have to wait until we have much more documentation complete.

Issues Resolved: I set up some basic guidelines to follow when we do start coding, but these will need to be fleshed out considerably.

Percentage Contribution: 16%

Strengths: Cooperative, brings a helpful point of view and skill set from his background in app development.

Weaknesses: Difficult to match meeting times with other group members as a result of scheduling

Name: Eric Schessler

Role Played: Developer

Duties: Continued learning JS and React, documentation

Role for Next Week: Developer

Goals for Next Week: Once the feedback is in from the previous deliverable, update the Use-Case document, work on other documents

Issues Encountered: Lack of feedback for documentation updating, and a poor knowledge of JS/React pressed against limited time for learning hamstrings my ability to contribute to coding.

Issues Resolved: Many of the documents for this deliverable weren't well understood through the majority of this sprint, but we managed to find some semblance of that understanding near the end

Percentage Contribution: 16%

Strengths: Willing to work on a project to completion, regardless of monotony

Weaknesses: Ability to meet/work hindered by time constraints

Sprint 3

Name: Samuel Elliott

Role Played: Developer

Duties: Familiarize myself with react. Maintained kanban board, updated some minor changes on documents sepideh had given comments on, created all digital copies of sequence diagrams, took part in running the focus group.

Role for Next Week: Product Owner

Goals for Next Week: Begin working on implementation, keep splitting up the documentation work and try and get ahead of it as we did last sprint.

Issues Encountered: Seems like coding needs to be put on hold until we create a lot of the artifacts due to them being directly related. If we are pre defining out architecture in a document we need to make sure to have that document when creating the product. Times that people are available do not always lineup.

Issues Resolved:

Percentage Contribution: 16.66%

Strengths: Continues to work hard, organize the group, and make useful contributions. Also works very hard to finalize submissions, tying up all remaining loose ends.

Weaknesses: Could fill in the role of product owner a bit more

Name: Jens Hansen

Role Played: Developer

Duties: Knowledge acquisition and documentation.

Role for Next Week: Developer

Goals for Next Week: Learn more about React JS. Assist with development.

Issues Encountered: A lack of purpose and focus of all members of the group

Issues Resolved: We resolved the above issue by having a thorough meeting discussing what tasks were remaining and dividing these tasks among all members.

Percentage Contribution: 16.66%

Strengths: Keeps team on task, helpful in resolving issues that show up. Focused during meetings and work sessions. Willing to help out where needed and still maintains good quality of work on own deliverables.

Weaknesses: Occasionally, explanations bogged down by excess detail

Name: Connor Langlois

Role Played: Developer

Duties: Refamiliarize with React, update SRS, create Domain Model

Role for Next Week: Developer

Goals for Next Week: Start development of the application and encounter any issues with design, redesigning aspects of the app as needed

Issues Encountered: A general lack of understanding of the Software Architecture Document

Issues Resolved: By learning more online and asking questions during class

Percentage Contribution: 16.67%

Strengths: Hardworking, diligent. Produces very high-quality work. Past experience allows for helpful suggestions from a technical point of view.

Weaknesses: Could play a more-involved role when tasked with being the Scrum Master.

Name: Eli Legere

Role Played: Developer

Duties: Made the Software Architecture Document. Contributed to the creation of the sequence diagrams. Participated in group discussion which help outline and further our overall goal.

Role for Next Week: Scrum Master

Goals for Next Week: Lead discussions and help assign roles. Be an active member of the Big Muscle Boys.

Issues Encountered: I had a difficulty understanding the Software Architecture Document. Organizing group meetings is still difficult because I have a busy schedule.

Issues Resolved: Utilized all resources to understanding of the necessary documents. Contributed to our goals outside of group meetings.

Percentage Contribution: 16%

Strengths: Willing to tackle documents which the team are not comfortable with. Researches documents well before creating them resulting in better quality documents.

Weaknesses: Unfortunately, due to a difficult and busy semester, I have not been able throw myself wholeheartedly at this project. Therefore, my work has not been exemplary.

Name: Eric Schessler

Role Played: Developer

Duties: Updating the use case document, continue JS/React familiarization

Role for Next Week: Developer

Goals for Next Week: Put more work into other documents, try to start help coding the application

Issues Encountered: Time demands for other obligations outside of lecture have increased, as have the amount of effort needed to put into them, which has limited my focus and effort for the documentation

Issues Resolved: My schedule has finally stabilized, so I can better plan out time for work on the deliverable, and the team's understanding of the application's general structure continues to solidify

Percentage Contribution: 16%?

Strengths: Diligent worker

Weaknesses: Though he works diligently when available, limited availability means that he only worked on one document throughout the sprint.

Name: Spencer Ward

Role Played: Developer

Duties: Plan domain model classes, organize domain model layout, expand product pitch

Role for Next Week: Developer

Goals for Next Week: Finalize code documentation style, implement basic navigation system in React, write model CSS code

Issues Encountered: When we were making our domain model, we ran into a lot of subtle problems that took a lot of discussion to work out. For some reason, digital diagrams just don't click for me. I understand them perfectly fine, but I really hate making them.

Issues Resolved: Domain modelling makes a lot more sense now. As we took our domain from a basic list of classes to a full model, we were able to work through a lot of subtle design decisions that will make our programming work a lot easier down the line.

Percentage Contribution: 16.66%

Strengths: Understanding of react and app development is a huge asset, input is always clarifying when confronting a confusing issue

Weaknesses: Has a rigid schedule which makes meeting with him difficult. Seems unreliable in that he doesn't perform tasks promised promptly when not in group meetings.