

Q1. Student Name: Dawoud Husain

Q2. Student ID: 1146816

Q3. Associated Team Deliverable: Sprint 0 Initial System Design + Backlog

Q4. Team #: 6

Q5. What were the main technical or methodological knowledge, skills and/or abilities (KSAs) that were required to complete this team deliverable? What prior courses or experiences (e.g. co- op, group project, etc.) from your Software Engineering degree did you draw on for these KSAs?(bulleted list is preferred):

System Architecture Design for full stack web applications (i.e Model/View/Controller) - All my knowledge of this comes from taking Software Design IV

Full Stack Technologies (i.e. MERN stack) - Only have experience with Node.js from my Software System Development & Integration course

UML Diagrams - All my knowledge of this comes from taking Software Design IV

User Stories - Knowledge of this primarily stems from my System Analysis & Design in App course, but also Software Design 3 and 4

Q6. What was your existing level of experience with these topics/skills before your team began working on this deliverable? (1-2 sentences):

For System Architecture Design, UML Diagrams, and working with the MERN stack, I would consider myself to have only a foundational knowledge as I have limited experience with them. However, with user stories, I would consider myself at an intermediate level, as I have studied them in multiple courses, so I am definitely more comfortable with that subject.

Q7. Comment on your individual KSAs learning during this deliverable, and what additional learning may be needed to understand or be more competent with these topics / tasks in the future?

Completing this sprint has assisted me in expanding my knowledge of MVC, learning more about the components of the MERN stack and how they interact with each other, and reviewing user stories. In future sprints, I will need to further improve my skills pertaining to working with the MERN stack to complete our user and tech stories.

Q8. What specific contributions did you make to this team deliverable? This should include technical or project management contributions.

A. Completing the “Technical Analysis” portion of our Analysis (i.e. all the content written under the Technical Analysis Heading).

B. Coming up with multiple user and tech stories, adding most of them to the gitlab, and working with my group in writing their weight, rational, and method for testing.

Q9. With whom did you collaborate for any of the above contributions (be specific – saying “all team members” is not sufficient. State which parts you worked on with whom)?

A. Jake - Worked with him on the analysis, as we divided the sections to ensure that we were covering all the questions and topics needed.

B. Jake, Naza, Ike, Adhyayan - Discussed and developed user stories

Q10. Comment on how well you managed your time over the time period allocated in the Course timetable to this team deliverable (i.e. the time between the prior team deliverable to this team deliverable).

Overall, I believe that my time was managed adequately, but it could have been better. In the first lab of the sprint, we divided the tasks and slowly worked on our tasks and were on track to get it done on time. However, due to other coursework, I ended up cramming most of the analysis section that I wrote during the last two days before the deadline of the sprint. Although there was still enough time to complete everything, I should have managed my time slightly better with the other coursework in order to work at a more relaxed pace and have more time to review my work.