Team Project

Individual Assessment

"Student Assist app"

Name: Shivdeep Bisurkar (A20525712)
Course ID: CS487 Software Engineering I
Professor: Dennis Hood
Team Name: Team G8

Date: April 29, 2023

1. **Your team experience including your role on the team,**

Assignment	Role and Experience
Analysis report	I played a key role in identifying and analyzing critical requirements for the system, particularly in the collaboration tool, function requirements, and non-functional requirements sections. This experience gave me valuable insights into how to approach requirement analysis effectively and contribute to the success of the design process.
Test plan	Throughout the task, my team and I collaborated on various aspects of testing such as testing strategies, testing tools, and the creation of test data based on the analysis report provided by our partner team. Specifically, I focused on developing comprehensive test cases, test data, test strategies and providing recommendations for optimizing the testing process. I learned the importance of creating a comprehensive test plan, identifying and prioritizing test cases, collaborating with cross-functional teams and stakeholders, understanding different testing methodologies and techniques, and regularly reviewing and updating the test plan during my work in test planning
Design report	During this task, our team explored several design strategies and created multiple design diagrams. My contribution was primarily focused on context model and design approach section, where I led the design approach and provided recommendations for optimizing the user experience. Through this task, I gained a deeper understanding of the key factors to consider when designing a system, as well as the parameters to take into account when evaluating functional and non-functional requirements.
Design review	During the assessment, our team reviewed and provided feedback on our partner team's design report, identifying several areas for improvement. I was responsible for summarizing partner's report, developing recommendations for multiple sections including the Job search algorithm, Collaboration tool, and the non-functional requirement. My work in design reviews helped me understand the importance of soliciting feedback from multiple stakeholders, considering functional and non-functional requirements, incorporating usability and accessibility best practices, documenting design decisions and rationale, and collaborating with the development team.
Finishing touches	Collaborating with my teammate prajakta to develop a working prototype for the student assist app was a great learning experience. We used the prototyping tool 'ProtoPie' to design and

	implement various application pages, which helped us visualize the app's user interface and overall user experience.
	During the process, we prioritized making the app user-friendly and easy to navigate. We paid close attention to details like button placement, font size, and color scheme, to ensure that the app was visually appealing and intuitive for users. We also considered the functional requirements of the app, such as the ability to register and log in, and the integration of various features such as notifications and messaging.
	Overall, the experience of developing a working prototype was both challenging and rewarding. It taught us the importance of collaboration, attention to detail, and user-centered design in developing a successful app. The use of 'ProtoPie' made the process efficient and allowed us to iterate on the design quickly. We look forward to continuing to refine the app and further improve the user experience.

Working on the project with my team seems like a well-structured and organized experience. The fact that we divided the work into 4 parts and everyone contributed to their respective section indicates that there was clear communication and coordination within the team.

The review meetings before and after each task also seem to be an effective way of ensuring that everyone is on the same page regarding the task requirements and that the completed work meets the expected standards. This approach promotes accountability, collaboration, and transparency within the team, which are essential aspects of successful project management.

By dividing the work into smaller sections and having regular review meetings, the team was able to complete the assessments efficiently and effectively. The approach allowed everyone to focus on their strengths and contribute their expertise to the project.

Overall, the experience of working on the project with my team sounds positive and productive. The structure and organization of the approach enabled the team to work collaboratively towards a common goal and produce high-quality work.

2. Your assessment of your team's performance

As a team, we were focused on creating a student assistance app that would meet the needs of students and help them navigate their academic journey more effectively. Our commitment to the project was driven by the desire to create a tool that would support students in their academic pursuits and make their lives easier.

We divided the work into sections and assigned tasks to each team member, ensuring that everyone's strengths were utilized. This approach allowed us to create a

comprehensive app that addressed various aspects of the student experience, from collaboration and communication to planning and organization.

Throughout the project, we were mindful of the student perspective and focused on creating an app that would be user-friendly and easy to navigate. Our experience in developing a working prototype for the student assist app using a prototyping tool called ProtoPie allowed us to test different design options and make informed decisions about the app's overall usability.

Overall, our team's performance was guided by the goal of creating an app that would enhance the student experience and make a positive impact on students' academic journeys. Our commitment to this goal drove us to work together effectively, communicate well, and deliver high-quality work on time.

3. What you learned from the experience

From the experience of working on the student assist app project, I have learned several valuable lessons. Here are a few key takeaways:

- Importance of effective communication: Clear communication is critical for successful project management. Regular calls and meetings with the team helped ensure that everyone was on the same page, and we were able to discuss any issues or concerns.
- The significance of planning: Planning ahead of time and setting clear deadlines and goals allowed us to prioritize our work and complete tasks on time. This approach helped us avoid last-minute rush and allowed time for review and revision of work.
- Collaboration is key: Dividing the work into sections and assigning tasks to each team member helped us utilize everyone's strengths and expertise. This approach promoted collaboration and accountability, and we were able to deliver high-quality work.
- The importance of user-centered design: Our focus on creating an app that was user-friendly and easy to navigate was critical. By testing different design options using a prototyping tool, we were able to make informed decisions about the app's overall usability and create an app that met the needs of our users.
- Learning from feedback: Regular review and feedback on the work allowed us to improve and refine our approach as we progressed. This approach ensured that we could incorporate new ideas and improve the quality of our work.

Overall, the experience of working on the student assist app project has taught me many valuable lessons that will be beneficial in future projects.

4. How you will apply what you have learned to future project efforts.

Based on the learnings from the experience of working on the student assist app project, I plan to apply the following practices to future project efforts:

- Emphasize clear communication: Effective communication with team members and stakeholders is essential in any project. I will prioritize clear and regular communication to ensure everyone is on the same page and address any issues as they arise.

- Focus on planning and goal setting: Planning and goal setting were key components of the student assist app project's success. I will ensure that project timelines and goals are clearly defined and that there are regular checkpoints to assess progress.
- Foster collaboration: Collaboration among team members helps bring diverse perspectives and skills to a project. I plan to divide the work into sections and assign tasks to team members to encourage collaboration, build accountability, and ensure the project's success.
- Prioritize user-centered design: In any project, the user's needs and experience should be at the forefront of the design. I will strive to incorporate user feedback, testing, and analysis in the design process to create solutions that meet the users' needs.
- Embrace feedback: Constructive feedback is a valuable source of information that can inform design decisions and help improve project outcomes. I will regularly seek feedback and adjust my approach accordingly to create high-quality work.

Overall, I believe that these practices will help me effectively manage future project efforts and deliver successful outcomes.