**SYD466 – Assessment Document**

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Professor: Tevin Apenteng

Date: 1st December 2023

In the table below, please change group member headings to your group member’s names. Do not include yourself. For each Group Member, please assign one of the following statements:

Did not Participate.

Randomly participated

Always participated

Semester Work

|  |  |  |  |
| --- | --- | --- | --- |
|  | Krish K. Jani | Ankit Thapar | Mingming Ma |
| In class activities | Always participated | Always participated | Always participated |
| Outside of class activities | Always participated | Randomly participated | Always participated |
| Document preparation | Randomly participated | Always participated | Randomly participated |
| Document content | Randomly participated | Randomly participated | Always participated |
| Document Editing | Always participated | Always participated | Always participated |

Group Project (Proposal and Presentation)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Krish K. Jani | Ankit Thapar | Mingming Ma |
| Project Coordination | Randomly participated | participated | Always participated |
| Wrote the proposal | Always participated | Always participated | Always participated |
| Edited the proposal | Always participated | Randomly participated | Randomly participated |
| Recorded the video | Randomly participated | Always participated | Always participated |
| Edited the video | Always participated | Randomly participated | Always participated |

**Please reflect on your contributions to your group. What did you work on? What role did you assume in the group?**

Each member of the team had specific roles and responsibilities:

* **Ankit Thapar**: System Architect, Backend Developer, focus on client and order management systems.
* **Mingming Ma**: Full Stack Web Developer, working on front-end and back-end development with a focus on efficient database management.
* **Yuvraj Singh**: UI/UX Designer, responsible for designing user interfaces and enhancing user interaction with the product.
* **Krish Jani**: QA Tester, focusing on testing software to ensure its functionality and reliability.

Reflecting on my contributions to the group project, I played the role of UI/UX Designer, a position that allowed me to bridge the gap between our application's technical functionalities and our end-users' needs. My focus was on designing an interface that was not only aesthetically pleasing but also intuitive and user-friendly. I worked diligently on understanding the user personas that would interact with our Marina management system. By conducting user research and applying design thinking methodologies, I crafted wireframes, user flows, and interactive prototypes using industry-standard tools like Adobe XD, Sketch, and Figma. My aim was to create a seamless and engaging experience for our users, ensuring that the interface was aligned with the practical functionalities of the backend systems. In my role, I assumed the responsibility of translating complex system requirements into a coherent, accessible design. This involved close collaboration with the backend team, especially Ankit, to ensure the system's architecture was mirrored in the frontend design in a way that made sense to our users. With Mingming, our full-stack developer, I worked to ensure that the design components were feasible within the constraints of the frontend technology stack. I also contributed to the 'Service Ticket Creation' and 'Boat Booking with Additional Services' use cases, focusing on how users would interact with these functions. My goal was to streamline these interactions to minimize clicks and maximize efficiency, enhancing overall user satisfaction. Throughout the project, I faced challenges in aligning the technical capabilities of our system with the best possible user experience. There were moments when what was technically feasible needed to be adjusted to what was user-friendly. Through iterative design and constant communication with the development team, we managed to find a balance that served both the business goals and our users' expectations.