UNIVERSITI TEKNOLOGI MALAYSIA

School of Professional and Continuing Education (SPACE)

DDWD 3723 - SOFTWARE DEVELOPMENT
PROJECT PROPOSAL FORM

Session/Semester : 2022/2023 - Semester II

Instruction: Please complete and submit this form to the respective lecturer. The proposal must be reviewed by the lecturer before proceed with the project.

SECTION A: STUDENT INFORMATION

Name 1 **: TAN JIN WAN**

Name 2 **: MUHAMMAD LUQMAN HAZIM BIN SULAIMAN**

Name 3 **: MUHAMMAD ANAZ AZZAMUDDIN BIN AZHAR**

Name 4 **: NABIL AIMAN BIN ADNAN**

Year/Course : 3 DDWD

SECTION B: PROJECT DETAILS

Lecturer Name : Madam Norazlin binti Jaliludin

Project Title : GET HOTEL SYSTEM

Problem Background and Proposed Solution:

The current hotel booking systems often lack efficiency, user-friendliness, and personalized experiences for customers. Many existing platforms have complex interfaces, making it challenging for users to find suitable accommodations quickly. Additionally, there is a lack of integration with emerging technologies, such as artificial intelligence and machine learning, to enhance the overall booking process. Users often face issues related to transparency in pricing, limited search filters, and inadequate information about the amenities offered by various hotels. The hospitality industry requires a modernized approach to streamline the booking process and improve customer satisfaction.

To address the challenges in the current hotel booking systems, we propose the development of a

cutting-edge hotel management system. This system will leverage advanced technologies to provide personalized recommendations based on user preferences, previous bookings, and feedback. The user interface will be intuitive and user-friendly, allowing customers to easily navigate through a wide range of search filters, ensuring a quick and efficient booking process. Integration with real-time data will enable users to access accurate information about room availability, prices, and amenities. Additionally, the system will focus on obtaining new customers by promoting it through various advertising media. In exchange, the system will provide a high level security for customers' personal information and data. So, a robust set of databases were implemented in the system with zero accessibility to any third parties.

Project Aim:

The "Get Hotel" system is to revolutionize the hotel booking experience by creating a comprehensive and user-centric platform. The project aims to address the shortcomings of existing hotel booking systems and provide a solution that offers efficiency, transparency, and a personalized touch.

Objectives:

1. Develop an intuitive and easy-to-use interface for the "Get Hotel" system to enhance the overall user experience, making it accessible to a wide range of users, including those with varying levels of technological proficiency.
2. Implement advanced data structures algorithms to analyze user preferences, displaying all relevant costs and fees, fast bookings, and behavior. The system should provide personalized hotel recommendations to enhance user engagement and satisfaction.
3. Obtaining new customers by creating website that can advertising media to gain customer trust.

Scopes:

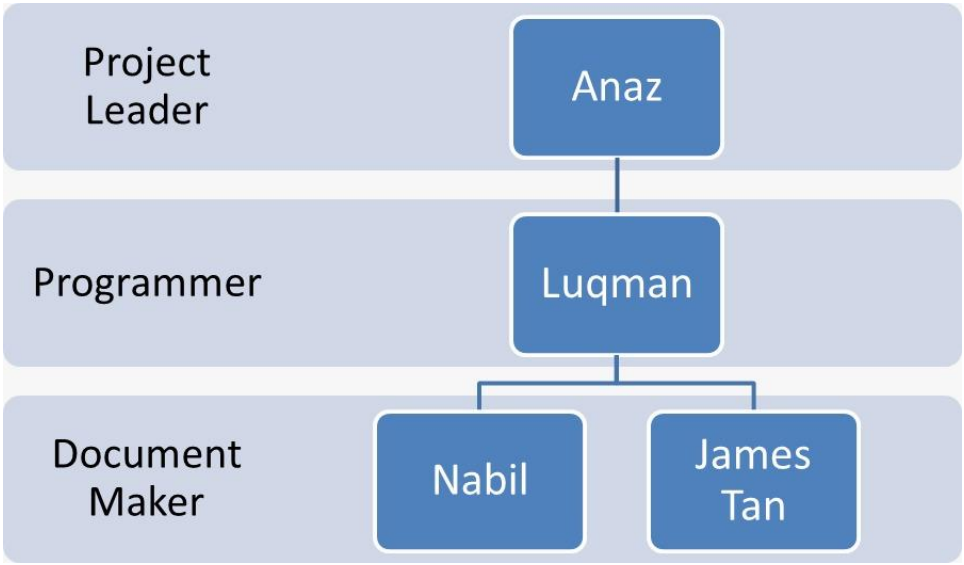
The "Get Hotel" system aims to create a comprehensive and user-centric platform for efficient hotel booking focused on both tourists and locals. In the other hand, this system is suitable for the management and staff to organize bookings. It also helps new customers to make registration and apply promotion for booking.

Project Requirements:

Methodology	:	**Waterfall Methodology**
Software	:	**Trello, Notepad, XAMPP, Microsoft Word**
Hardware	:	Laptop, PC

Project Planning:

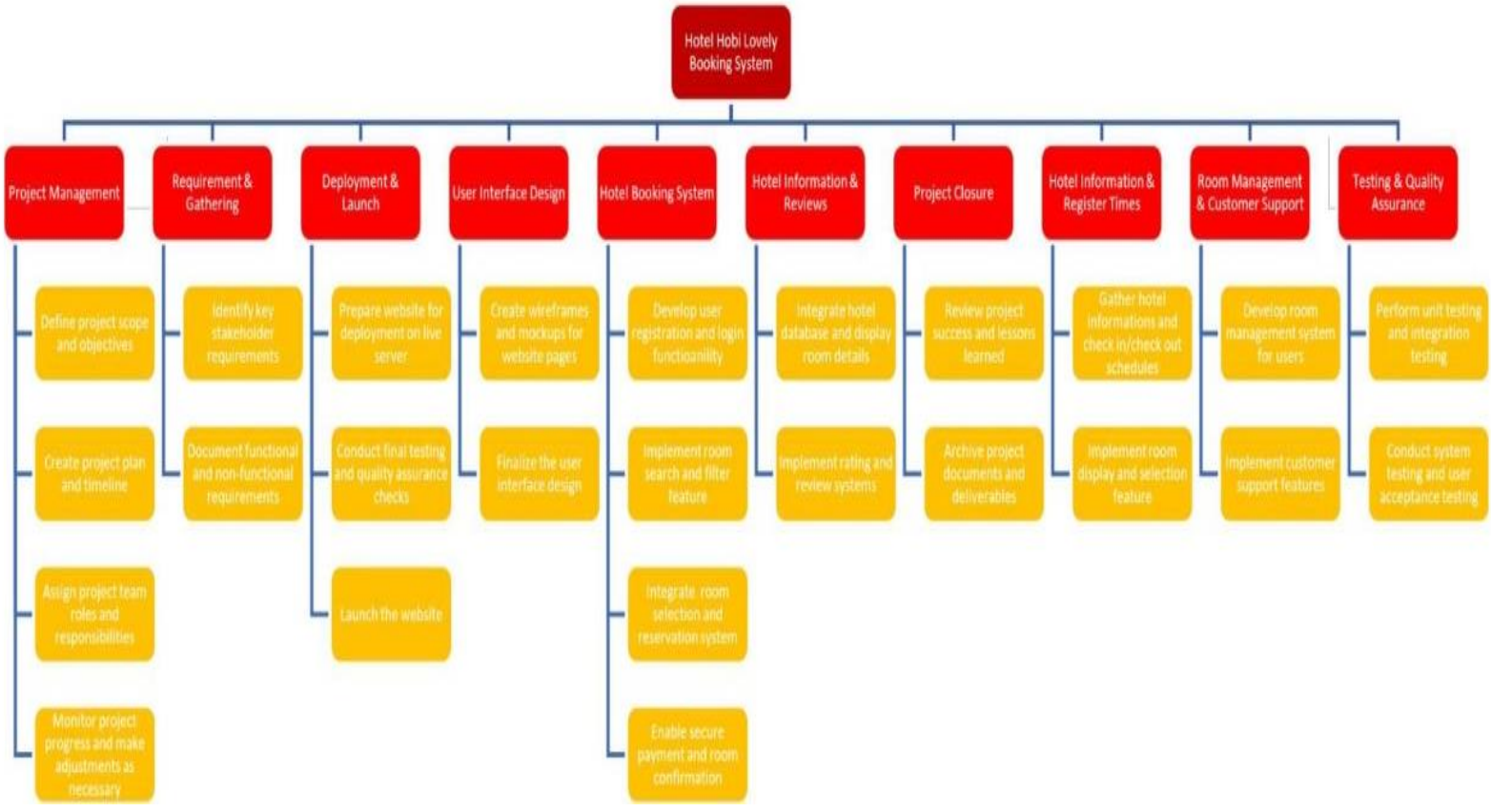
No.	Member Name	Position	Roles
1.	Anaz	Project Leader	Managing the project team
2.	Nabil	Document Maker	Ensure all documentation is up-to-date
3.	James Tan	Document Maker	Ensure all documentation is up-to-date
4.	Luqman	Programmer	Writing code and building products



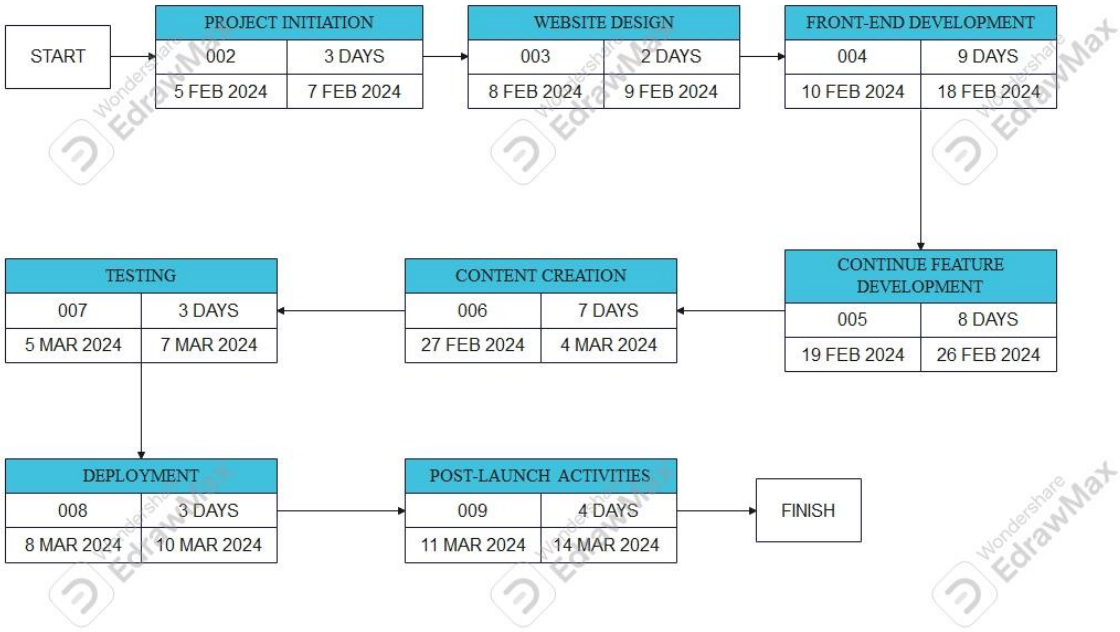
Explain how you planning the project.

1. Gantt Chart (Trello)

2. Work Breakdown Structure



3. Pertt Chart



All due date and Detail of Project Requirement will be given later.