



**FAKULTI TEKNOLOGI MAKLUMAT DAN KOMUNIKASI
SEMESTER 2 SESSION 2024/2025**

BITP 3123 Distributed Application Development

**Project Proposal
Hospital Appointment System**

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Introduction

Hospital Appointment System is developed for the patients and hospital staff to create/make appointments in hospitals via this platform. It is a network based system which adopts a client server architecture for communication between various parts, such as for example a client interface, a backend service, and database. The purpose is to provide a solid and easy to use application, which makes hospital processes easier, and also amplify the patient experience.

Objective

1. To allow hospital receptionists to easily book patient's appointments through a friendly interface.
2. To allow hospital staff to manage hospital appointments in real-time.
3. To implement a secure back-end system that handles appointment and communication between client and server components.
4. To develop an easy way for doctors to approve and schedule appointments.

Function

1. Hospital receptionists can make hospital appointments for patients.
2. Doctors can easily approve hospital appointments.
3. Hospital appointments can be edited.

ERD

