

P1: Topic and Objectives

Group: 19

Healthcare Management System

Background:

Managing patient information and streamlining operations efficiently is very essential in the healthcare industry. Scattered files, lack of clear communication, and much more are some of the most common issues seen with the conventional approaches which have poorly impacted the quality of patient care as well as the maintenance of records.

Statement of Purpose :

To improve healthcare services by offering a secure and user-friendly platform that simplifies patient management enhances operational efficiency, and enables communication between medical professionals, patients, and administrative staff while maintaining the highest levels of medical treatment, accessibility, and data security.

Objectives :

1. **Facilitate Patient Care and Experience:** Simplifying access to medical records and appointment scheduling to enhance patient care and convenience..
2. **Optimize Healthcare Operations:** Carry out automation for administrative tasks that will improve the efficiency of healthcare providers.
3. **Ensure Patient Data Protection and Compliance:** Executing solid security measures to protect patient information and also meet regulatory standards.
4. **Foster Collaboration Among Providers:** Allow healthcare professionals to securely share information and communicate effectively in real-life
5. **Utilize Data Insights for Informed Decision-Making:** Providing clear and accessible reports and analytics to support the decision-making process
6. **Empower Patients in Their Care:** Providing patients with access to their medical records and treatment plans and encouraging them to play an active role in their healthcare.
7. **Develop a Scalable and Flexible System:** Creating a system that is capable of improving and adapting to changing needs of the industry and keep up with regulations.