**DAMG6210 – P1 Topics and Objectives**

**Project Group 8**

**Topic :**

Hospital Management System

**Mission Statement**

Hospitals, intricate organizations committed to delivering optimal care, grapple with the challenges of disorganized data. Comparable to a malfunctioning tool, unstructured data leads to delays, missed details, and potential patient risks. Inefficient data management hampers care processes, complicates diagnostics, and compromises patient safety. A more streamlined system is imperative for handling all aspects of patient information, encompassing basic details to intricate medical records and room operations. The Hospital Management System strives to leverage data for improved efficiency and communication, placing patient well-being at the forefront. The ultimate vision is to cultivate an environment where robust data analytics contribute to an effective, efficient, and patient-centered healthcare experience.

**Mission Objectives:**

* To maintain data on patients in the hospital.
* To maintain data on doctors in the hospital.
* To maintain data on number of departments in the hospital.
* To maintain data on which doctor is assigned to which department.
* To maintain data on medical equipment in the hospital.
* Implement robust security measures to protect patient data and ensure compliance with healthcare regulations, maintaining the confidentiality and integrity of medical records.
* Implement efficient retrieval of patient records to expedite diagnosis and doctor assignments