

CSA4001-MANAGEMENT INFORMATION SYSTEM FOR DATA OPTIMIZATION

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8)Describe major services (functionality) provided by a hospital's reception. Summary: Hospital Management System is a large system including several subsystems or modules providing variety of functions. Hospital Reception subsystem or module supports some of the many job duties of hospital receptionist. Receptionist schedules patient's appointments and admission to the hospital, collects information from patient upon patient's arrival and/or by phone. For the patient that will stay in the hospital ("inpatient") she or he should have a bed allotted in a ward. Receptionists might also receive patient's payments, record them in a database and provide receipts, file insurance claims and medical reports.

AIM

To describe the major services (functionality) provided by a Hospital's Reception as part of a Hospital Management System, covering patient scheduling, admissions, payments, and records management.

PROCEDURE

1. Identify key functionalities of the Reception System.
2. Define major services provided by the hospital receptionist.
3. List the essential operations such as Patient Appointment Scheduling, Admission, Bed Allocation, Payment Processing, Insurance Handling, and Medical Records Management.
4. Determine interactions between the Reception System and other hospital modules.
5. Draw the Use Case Diagram to illustrate system interactions.

6. Ensure clarity and correctness using UML notations.

OUTPUT:

USE CASE:



RESULT

The **Use Case Diagram** for the **Hospital Reception System** was successfully designed, covering all essential functionalities, user interactions, and system processes. This provides a structured representation of the system for implementation.