Report on ITM

Faculty Name: Mrs. V S L P M Neelima
Year/Semester: III-I
Course: Software Engineering

Adopted Teaching Methodology: Case Studies

Date: 22-12-2022

Topic: Hospital Management System.

Description:

Case studies provide students with scenarios in which they can begin to think about their understanding and solutions to problems found in real-world situations. When carefully planned, case studies will challenge students' critical thinking and problem solving skills in a safe and open learning environment. Case studies can help students analyze and find solutions to complex problems with foresight and confidence, and was delivered by Mrs. M Neelima.

The outcome of the method is to have idea on Hospital Management System is powerful, flexible, and easy to use and is designed and developed to deliver real conceivable benefits to hospitals. Hospital Management System is designed for multispeciality hospitals, to cover a wide range of hospital administration and management processes. It is an integrated end-to end Hospital Management System that provides relevant information across the hospital to support effective decision making for patient care, hospital administration and critical financial accounting, in a seamless flow. Hospital Management System is a software product suite designed to improve the quality and management of hospital management in the areas of clinical process analysis and activity-based costing. Hospital Management System enables you to develop your organization and improve its effectiveness and quality of work. Managing the key processes efficiently is critical to the success of the hospital helps you manage your processes.

1) Information about Patients is done by just writing the Patients name, age and gender. Whenever the Patient comes up his information is stored freshly.

2) Bills are generated by recording price for each facility provided to Patient on a separate sheet and at last they all are summed up.

3) Diagnosis information to patients is generally recorded on the document, which contains Patient information. It is destroyed after some time period to decrease the paper load in the office.

4) Immunization records of children are maintained in pre-formatted sheets, which are kept in a file.

5) Information about various diseases is not kept as any document. Doctors themselves do this job by remembering various medicines.

All this work is done manually by the receptionist and other operational staff and lot of papers are needed to be handled and taken care of. Doctors have to remember various medicines available for diagnosis and sometimes miss better alternatives as they can't remember them at that time.