Experiment No. :
Name of the Experiment: 1-10sp?fal management dystem
Use Gase deagram description of Hospital management
A use case d'agram provides a high-vevel overvieu ob une functionalities and interactions of
a dystem from the perspective of its users. In the
context of a Mospital Management dystim, the use can dragram outlines the various actions or tasks
that different users (actor 8) can perform perform perform within the system. Here's a description of the
main components and interactions in a Hospital Management dystem un cesse diagram.
Patient: Represents individuals who seek medical
Doctor; Refers to the health care professionals
Nurse: Penresente the nursing stabl assponsible
Admission of the overall functioning of
the howestal divite my williams coci is is
permissions, and oystem configurations.
Use Cases:
Register/Login:
History of Witness Dector Nurse Actor of Strain
Description: Users should be able to register or log?

Experiment No. : 08
Name of the Experiment: Hospital Management System
Actors: Patient, Doctor
Actors: Patient, Doctor
Description: Patrents can request appointments, and doctors can schedule or reschedule
doctors can schedule or reschedule
appointments.
1/2-1
Admit / Dre change Patient:
Adors: Adminstrator, Nurse
Descriptions. The administrator and nursing state  can admit us discharge patients trom  the hospital
can comit un discharge patients trom
The hospited
M Paradague
Manage Forentory: Actors Administrator
Description: The administrator can manage the inventory
of medical supplies and equipment.
J7
Associating:
Relationships between actors and un ocuses are
Relationships between actors and un across are supremited by ines connecting them
dystem Boundary's
The boundary of the cese case dragram regions
Ju boundary of the cese case dragram supresente.  The boundary of the cese case dragram supresente  The scope of the Haspital Management dystem.
The same moreles a result representat-
in el the but a described and enteractions within a
This use case diagram provides a visual representation of the key functionalities and interactions within a Hospital Management bystem, offering a clear understanding of how different wors interact with the system to per form specific tasks.
underest anding of how different word entercut with
the dysten to per form specific tastes.

Name of the Experiment:
Management dyoten
Activity diagram description of Haspital Munagement
Oystan;
Ho activity diagram for a Hospital Minerament
An activity dragram for a Hospital Minegiment dystem Allustrates the flaw of activities and entry
custors the oysters to achieve specific couls
Below is a description of the main components
and activities in an activity diagram for a
ard activities in an activity diagram for a Haspital Management system.
Pourent Registration Process:
Activities
Input patient Informetion
Verry putient detaile.
Create a patrent second
flows starts when a patient gorres at the hospital
Ends when the position registration to complete, and a position record B created.
and a powered second & credited
Patrent admission process:
Adrites.
Admin putient
Axian room
Perord admission details
Flour: Inggered when a patrent arrives for admission Includes assigning a room and seconding
Includes assigning a room and seconding
admission details.
Ends when the posters is successed
admitted.

Experiment No. :
Name of the Experiment:
Activities:
Purent monstoring
Medication administration
Record patient status.
Flow. Instrated by nursing stall suspensible to
patient care.
Involves monitoring the patient, administering medications, and undaling patient records?  Ends when the number care tasks are
medications, and undating patient records?
Ends when the number care dusks are
complete.
ΛΩ
Inventory Management Process: Activities:
Activities
Monitor enventory Jevels
Reorder supplies. Update soventory records.
flau: Initiated by the administrator susponsible for
Havi Instrated of ore deministration
Tour land most toring levels, suordering dypp hes
managing inventory.  Invalves monitoring levels, suordering supplies, and updating proventory seconds.  Rads when the inventory management takks
Rock when the inventory management taste
are completes
Q-1- Compres
System Maintenance Process:
Detrities:
Regular ypolites
Security Checks.
Backup procedures

Experiment No. : Date: Page No.: 86  Name of the Experiment: 1-toop1-al Management Aystem.
flau: Represents voutine mointenance vesko arried
Inodves activities such as software updates, security checks, and data backups.
decerty checks, and data backups.
rends cubes the system mointenance tests are
completed.
These altirity diagrams provide a visual
the degreent and portune
activities curties the Hospiter Managemen
octivities cuitain on the flow of actions from  the initiation of various processes to their  completion.
the initiation of various
completion.  Completion.  Completion.