

# **Experiment-6**

## **AIM:**

USE-CASE diagram for Hospital Management System using CASE tools.

## **OBJECTIVE:**

The objective of the “online hospital management system” is to simply track the knowledge of all the staff, patients, treatment provided, and prescription and also to produce periodic reports for analysis. The main goal of the software is to make a decent management tool. The main purpose of this software is to cut back the time taken through the manual system so as to take care of all the records. This project is helpful to cut back the time and quality of maintaining the records. It also helps the incorrect maintenance of patient and patient details. This project has GUI primarily based software system that can facilitate storing, updating, and retrieving the information through varied user-friendly menu-driven modules.

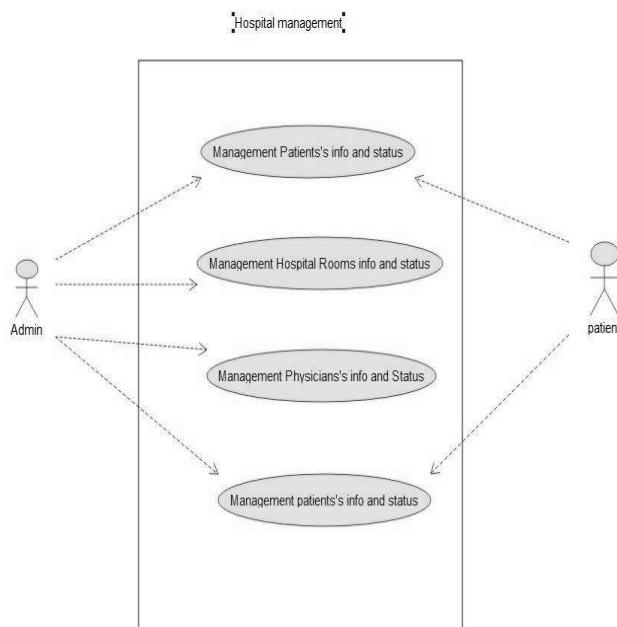
## **PROCEDURE:**

- For drawing a use case diagram for Hospital Management system, we have to download umbrella software for PC.
- After downloading the software install it in your PC and open it.
- Now just above the top of the work space an icon is there which contains several types of diagrams from that select use case.
- Your required tools displayed on top left of the screen (select, note, Anchor, Label, Box, Actor, use case, association, Directional association, Dependency, implements.)
- For drawing use case diagram for Hospital management system search a suitable diagram from google for reference. Now go to umbrella software select Actor and place it on the work space and name it as doctor. For this use case diagram, we need another actor and name it as patient.
- Now select the use case from tools and name them as Visit the patient, Examine the patient, add diagnosis, prescribe drugs, Schedule medical procedure, Report the patient condition, Discharge the patient, Register, Unregister, Confirm the medical procedure and apply for discharge. (Related to the topic).

- Last step is to draw lines from particular Actors to their related activities.
- After drawing the use case diagram save it and take a screen shot of the diagram.
- Go to paint app in your PC and paste the image you captured and select only the image, copy it.
- Now open word document and paste it under related experiment.

## OUTPUT:

### USE CASE DIAGRAM FOR HOSPITAL MANAGEMENT SYSTEM



## RESULT:

Thus, use case diagram for Hospital management system is implemented successfully.

