

TITLE OF PROJECT

A

MINOR PROJECT-I SRS REPORT

Submitted in partial fulfillment of the requirements
for the degree of

BACHELOR OF TECHNOLOGY

in

COMPUTER SCIENCE & ENGINEERING

By

GROUP NO.

NAME OF THE CANDIDATE'S WITH ENROLMENT NO.

Under the guidance of

Name of Guide

(Designation)



Jul- Dec 2022

**Department of COMPUTER SCIENCE & ENGINEERING
Sagar Institute of Science & Technology (SISTec)
Bhopal (M.P.)**

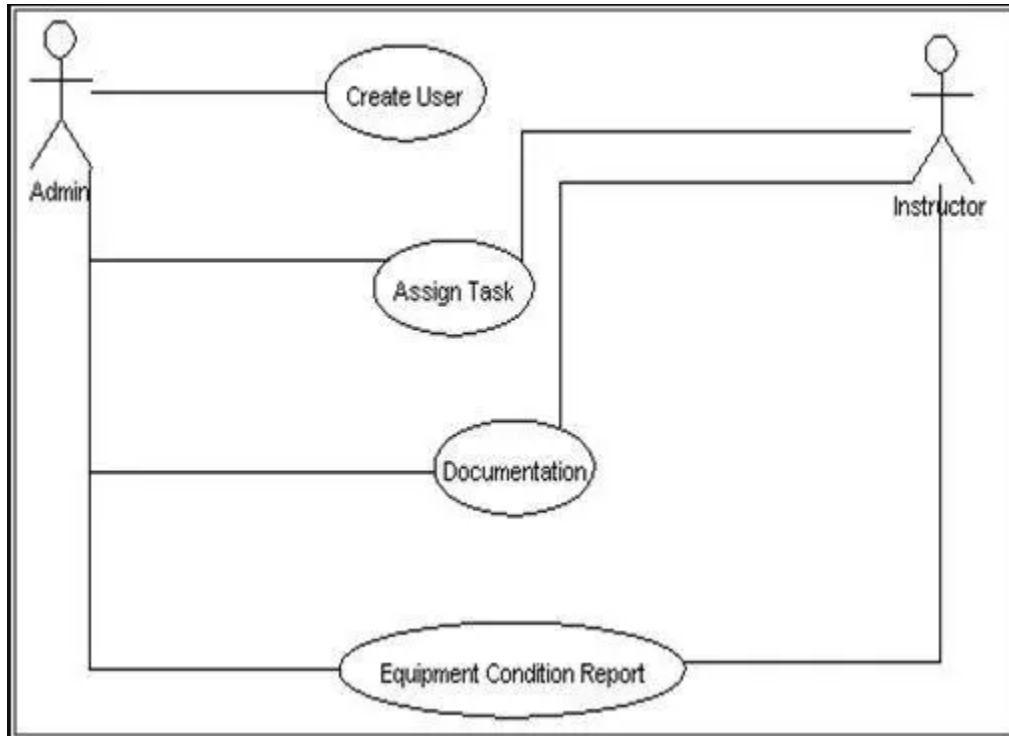
**Approved by AICTE, New Delhi & Govt. of M.P.
Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya,
Bhopal (M.P.)**

1.1 Functional Requirements:

1.2 Non-Functional Requirements:

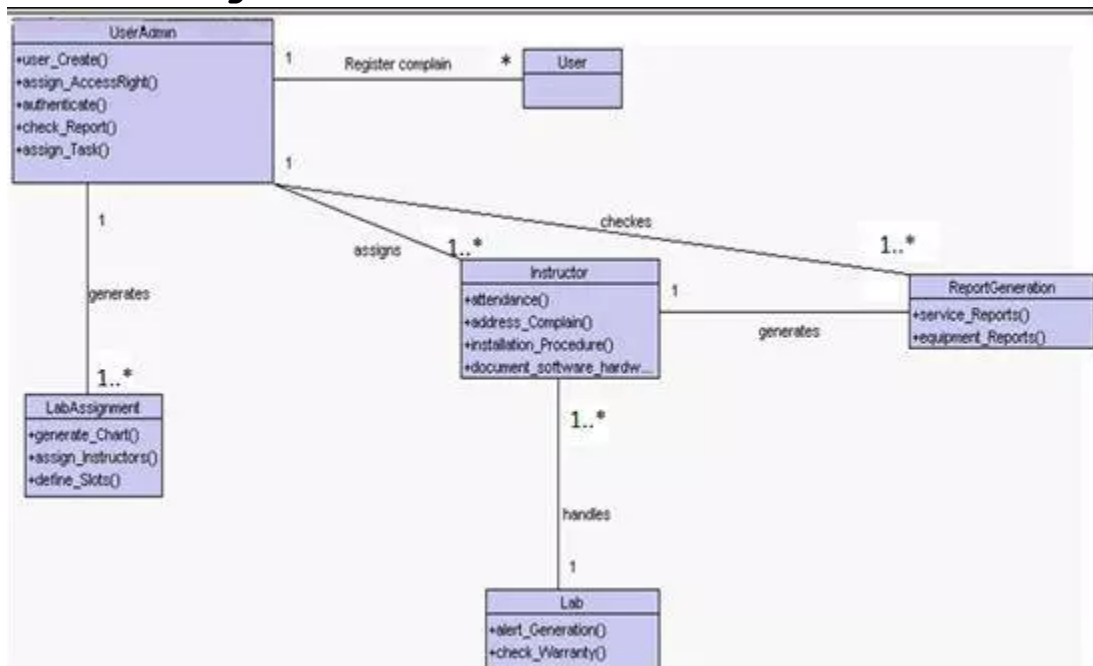
1.3 E-R Diagram

1.4 Use Case Diagram



Example of Use Case Diagram

1.5 Class Diagram

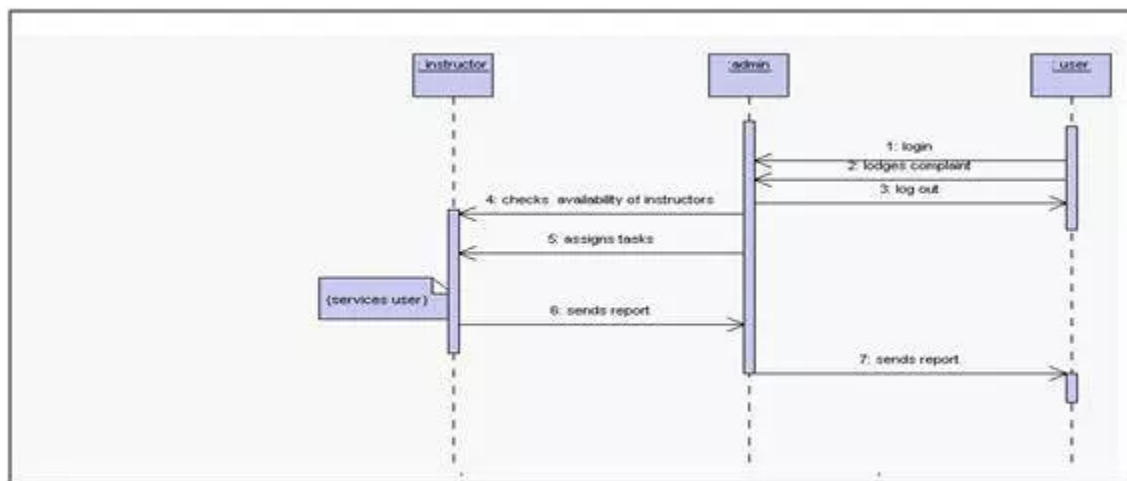


Example of Class Diagram

Class Diagram Modules

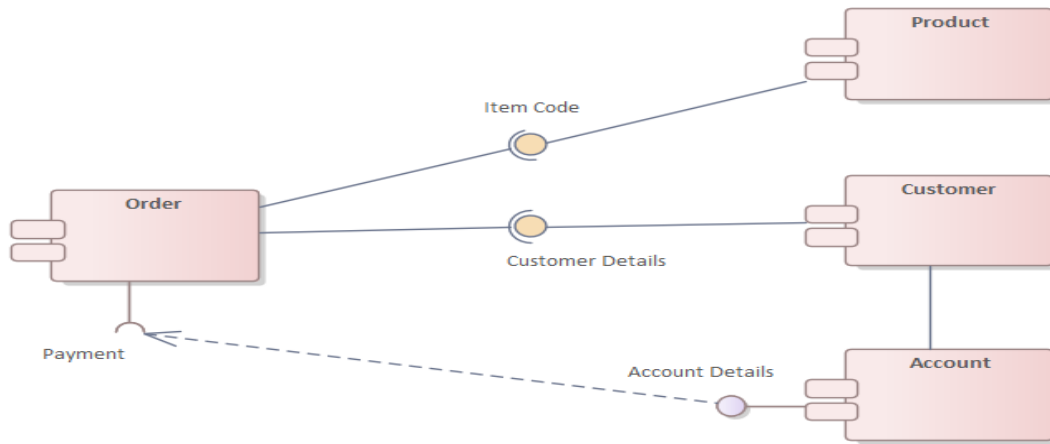
1. **Role of admin:-** Creates a user, assigns access rights, authenticates users, checks report, and assigns the task. These functions are used to keep track of various activities in labs.
2. **Service complaint:-** It includes complaint registration, assigning a task to the instructor, addressing complain. These functions may be used to register a complaint about improper conditions of devices (in the lab) to admin in order to get response/service.
3. **Report Generation:-** This module generates a service report and reports for the working condition of the equipment in the lab.
4. **Software or hardware maintenance:-** This module checks warranty of particular software generates alert messages and helps in proper documentation of available software or hardware in labs.
5. **Lab Assignment:-** This module defines slots, generates charts, assigns instructors, and would specify alternate instructor to particular labs.

1.6 Sequence diagram



Example of Sequence Diagram

1.7 Component diagram



Example of Component Diagram