

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JnanaSangama”, Belgaum -590014, Karnataka.



LAB REPORT

on

COURSE TITLE

Submitted by

DEEPTHI L (1BM18CS226)

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING



B.M.S. COLLEGE OF ENGINEERING

(Autonomous Institution under VTU)

BENGALURU-560019

May-2022 to July-2022

B. M. S. College of Engineering,
Bull Temple Road, Bangalore 560019
(Affiliated To Visvesvaraya Technological University, Belgaum)
Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the Lab work entitled “LAB COURSE **TITLE**” carried out by **DEEPTHI L (IBM18CS226)**, who is bonafide student of **B. M. S. College of Engineering**. It is in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visvesvaraya Technological University, Belgaum during the year 2022. The Lab report has been approved as it satisfies the academic requirements in respect of a **Course Title - (Course code)** work prescribed for the said degree.

Dr. Shyamala G
Assistant Professor
Department of CSE
BMSCE, Bengaluru

Dr. Jyothi S Nayak
Professor and Head
Department of CSE
BMSCE, Bengaluru

Index Sheet

Sl. No.	Experiment Title	Page No.
1	COLLEGE INFORMATION SYSTEM	4-5
2	HOSTEL MANAGEMENT SYSTEM	6-7
3	STOCK MANAGEMENT SYSTEM	8-9
4	COFFEE VENDING MACHINE SYSTEM	10-11
5	ONLINE SHOPPING SYSTEM	12-13
6	RAILWAY RESERVATION SYSTEM	14-15
7	GRAPHICS EDITOR SYSTEM	16-17

Course Outcome

At the end of the course the student will be able to

CO1 Ability to apply the knowledge of class, State & Interaction Modelling using Unified Modeling Language to solve a given problem.

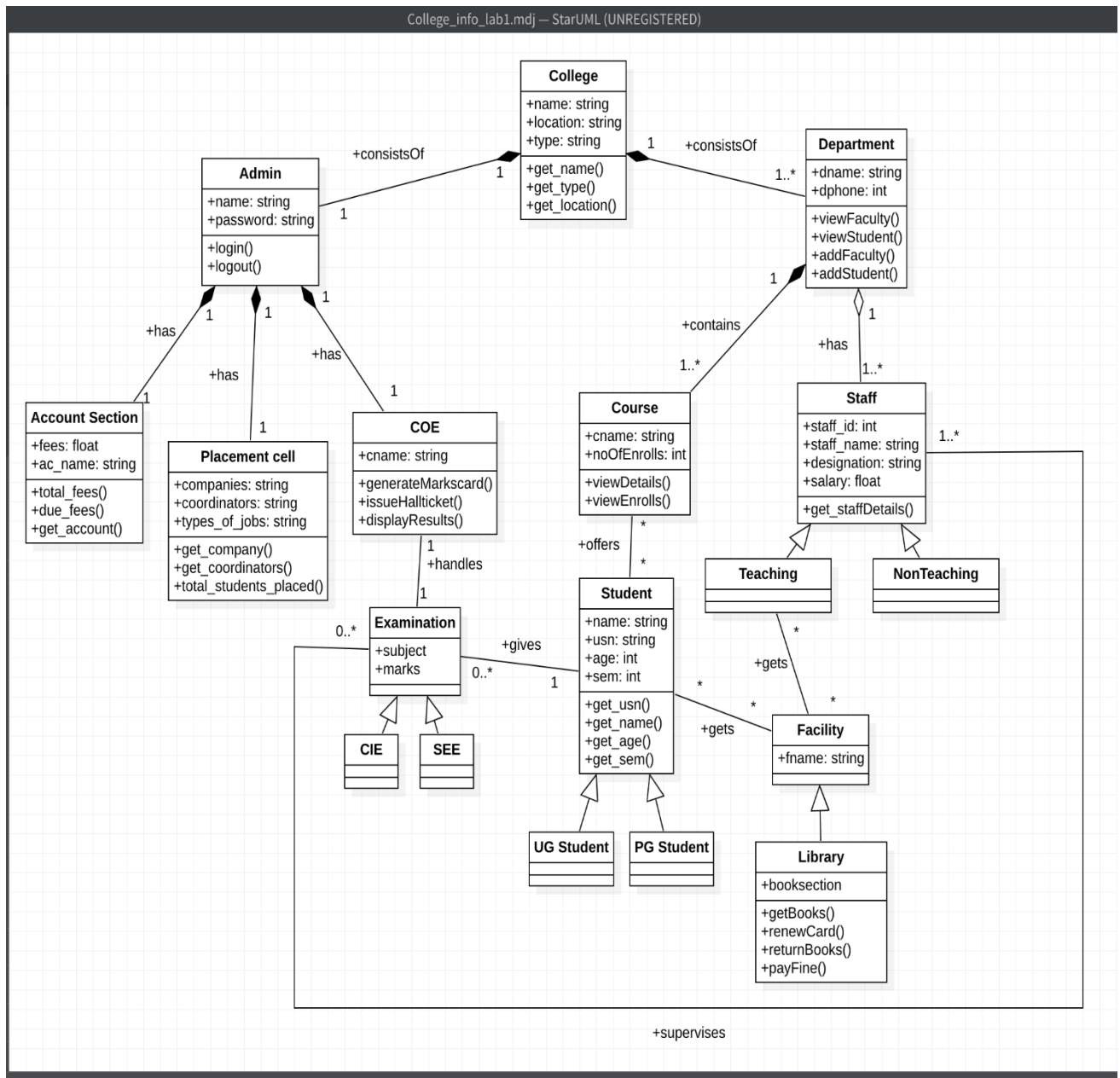
CO2 Ability to analyze a System for a given requirement using Unified Modeling language.

CO3 Ability to design a given system using high level strategy.

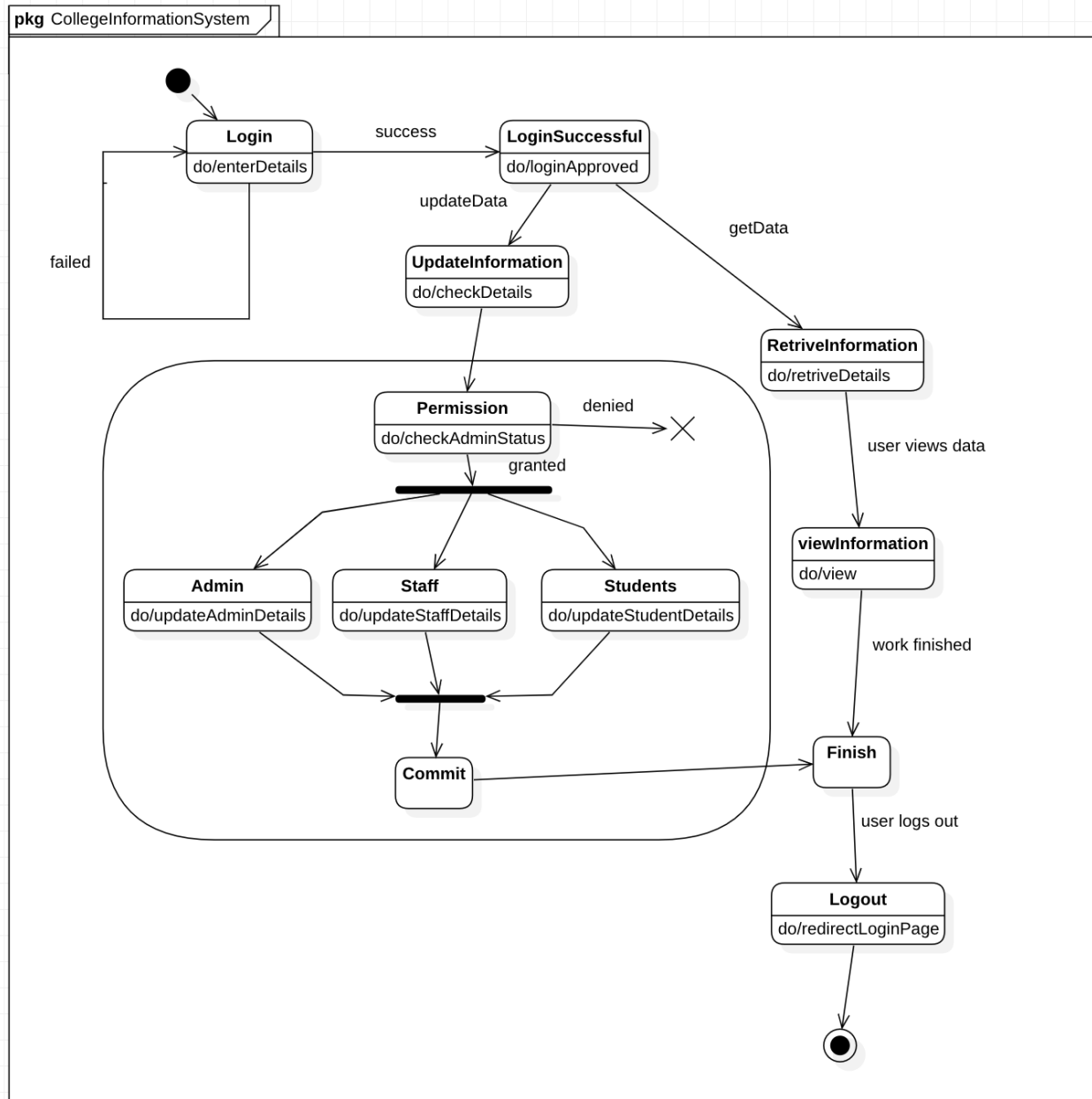
CO4 Ability to conduct practical experiment to solve a given problem using Unified Modeling language

1 .COLLEGE INFORMATION SYSTEM

ADVANCED CLASS DIAGRAM:-

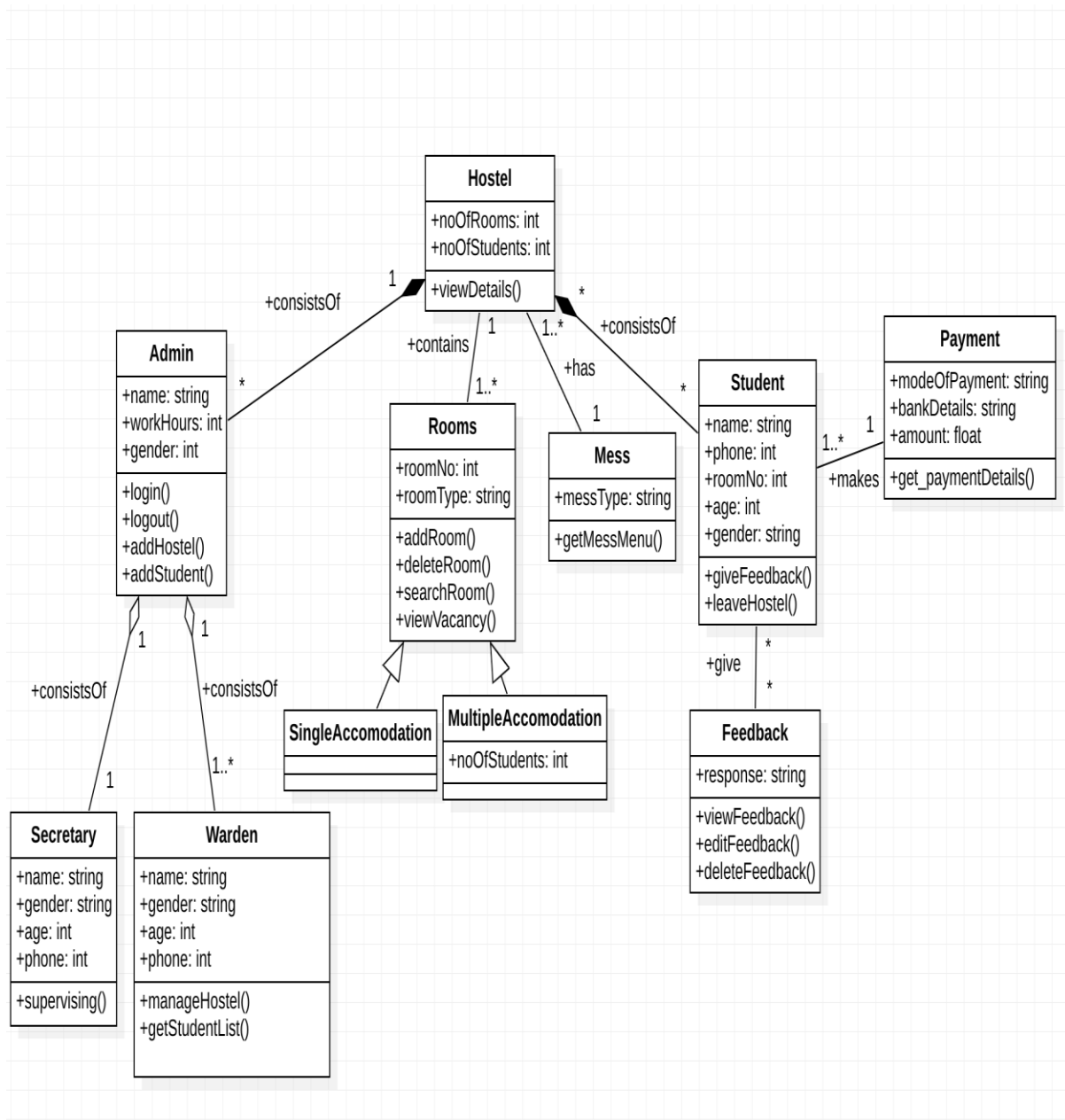


ADVANCED STATE DIAGRAM:-



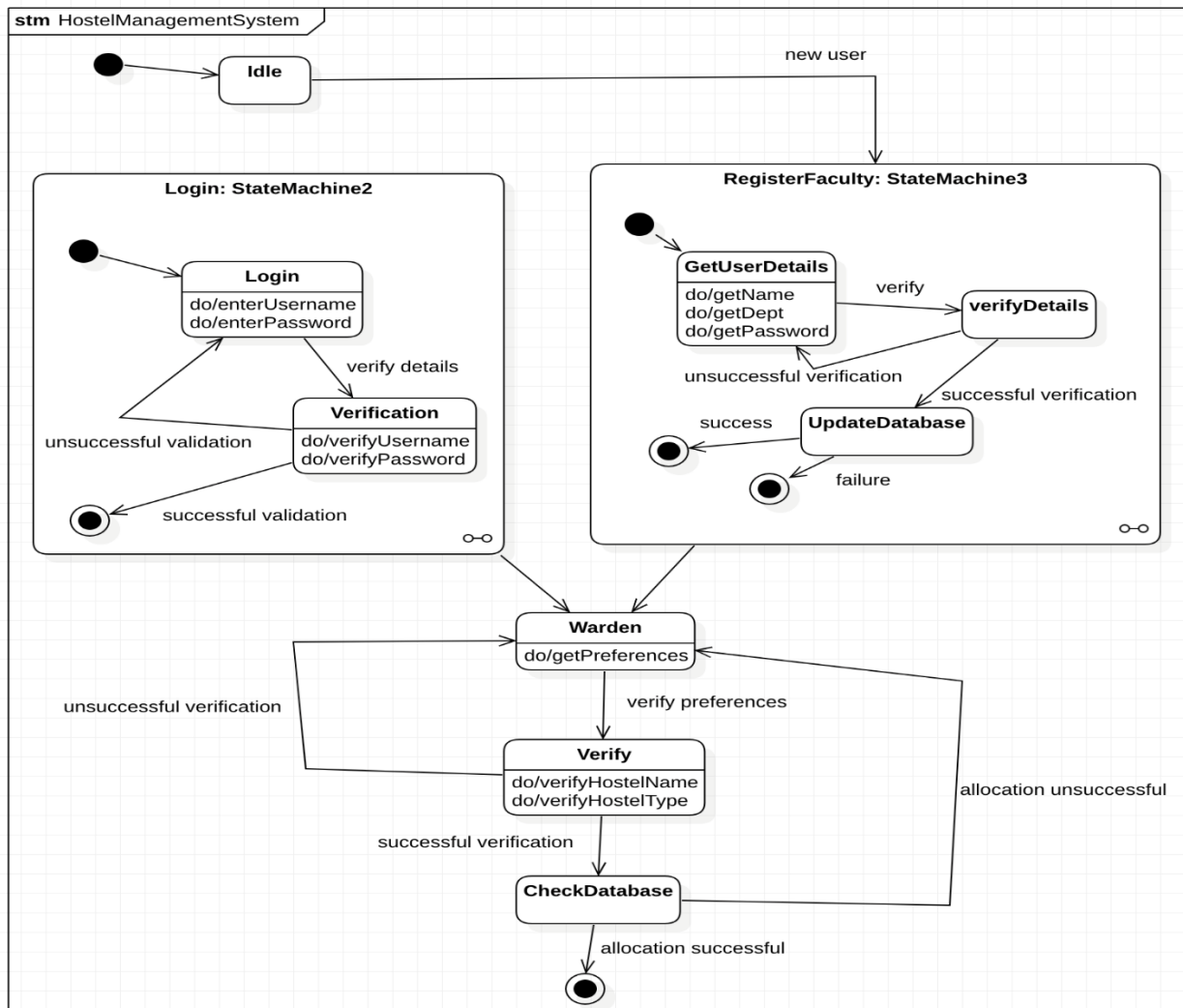
2. HOSTEL MANAGEMENT SYSTEM

ADVANCED CLASS DIAGRAM:-



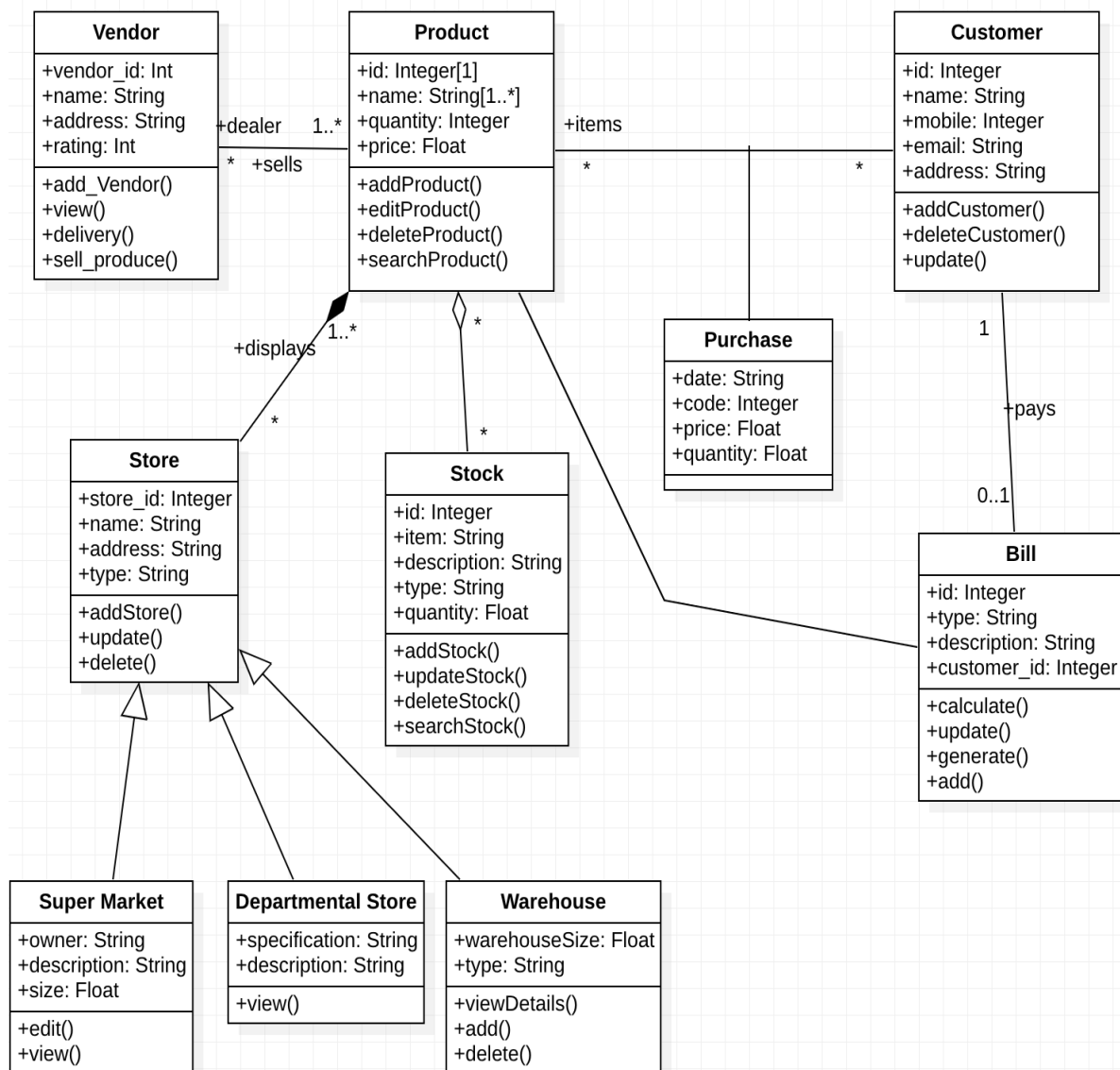
ADVANCED STATE DIAGRAM:-

hostel lab2 state.mdj — StarUML (UNREGISTERED)

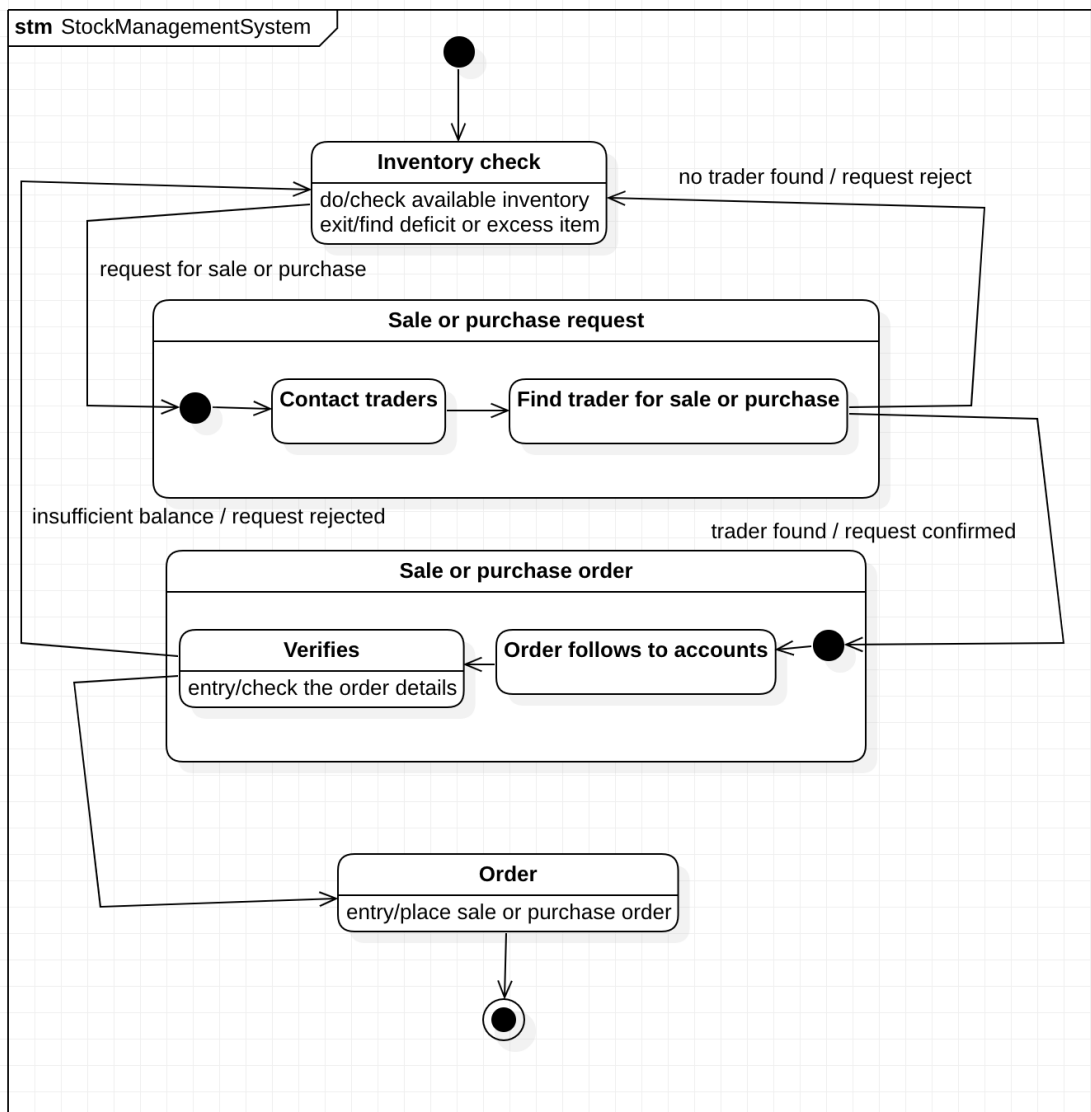


3.STOCK MANAGEMENT SYSTEM

ADVANCED CLASS DIAGRAM:-

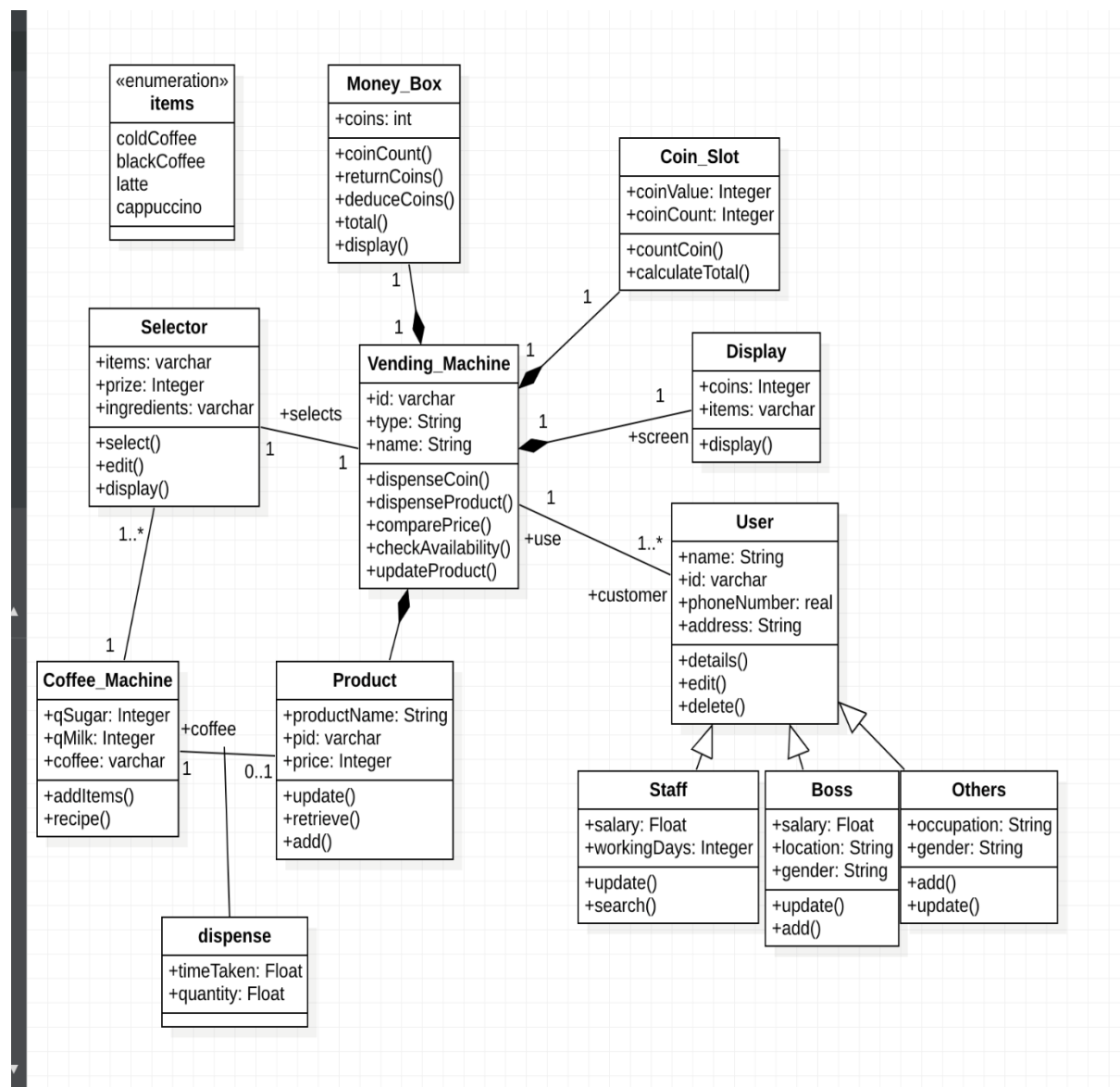


ADVANCED STATE DIAGRAM:-

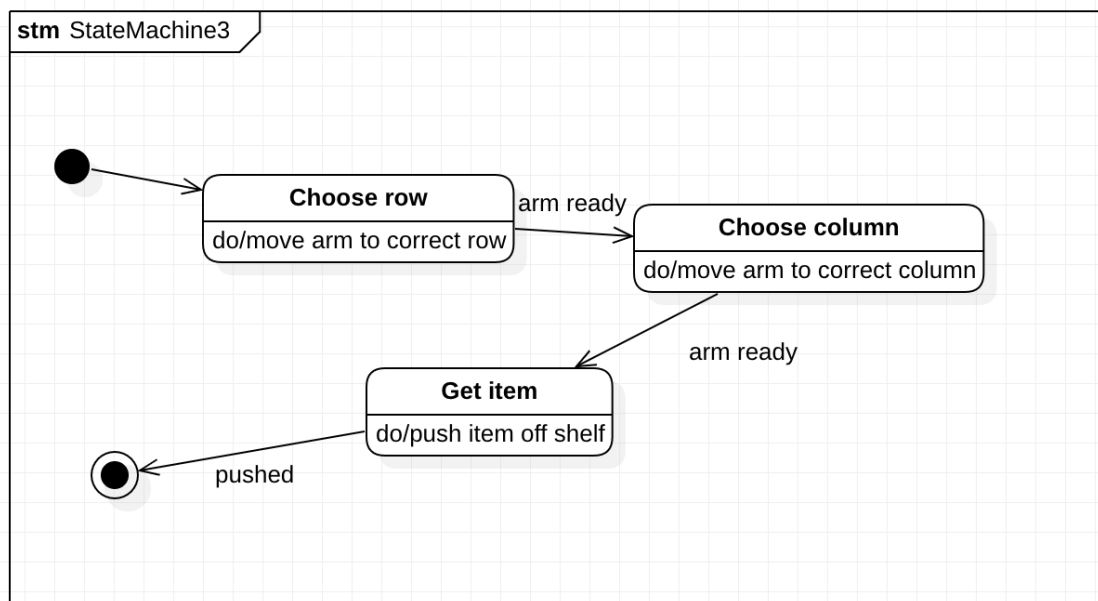
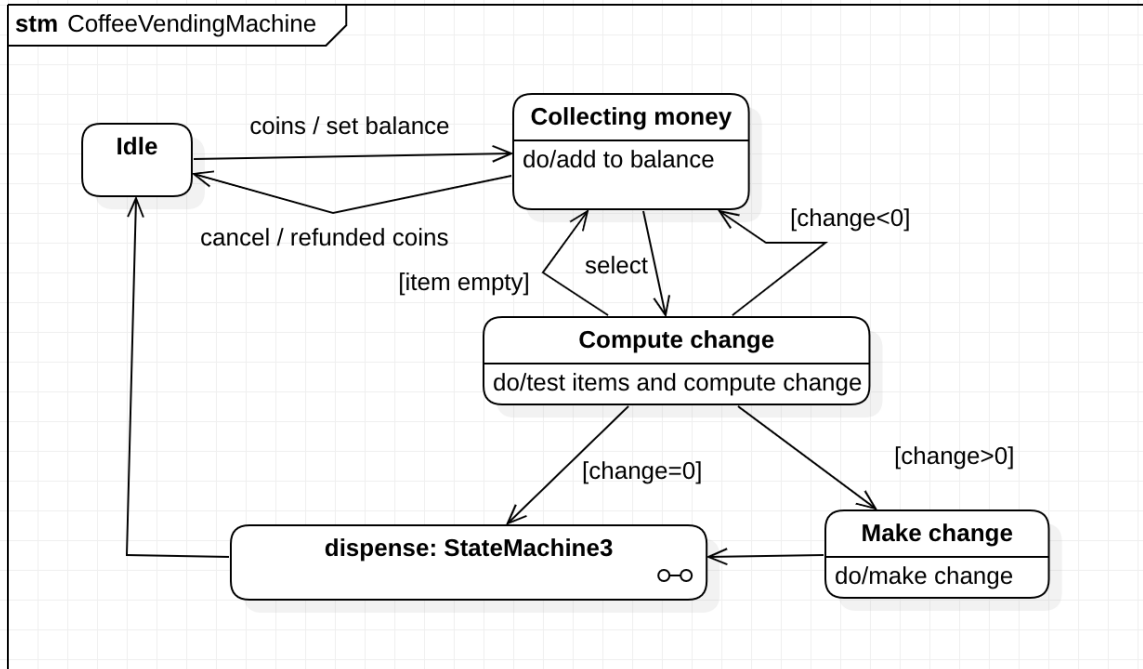


4. COFFEE VENDING MACHINE SYSTEM

ADVANCED CLASS DIAGRAM:-

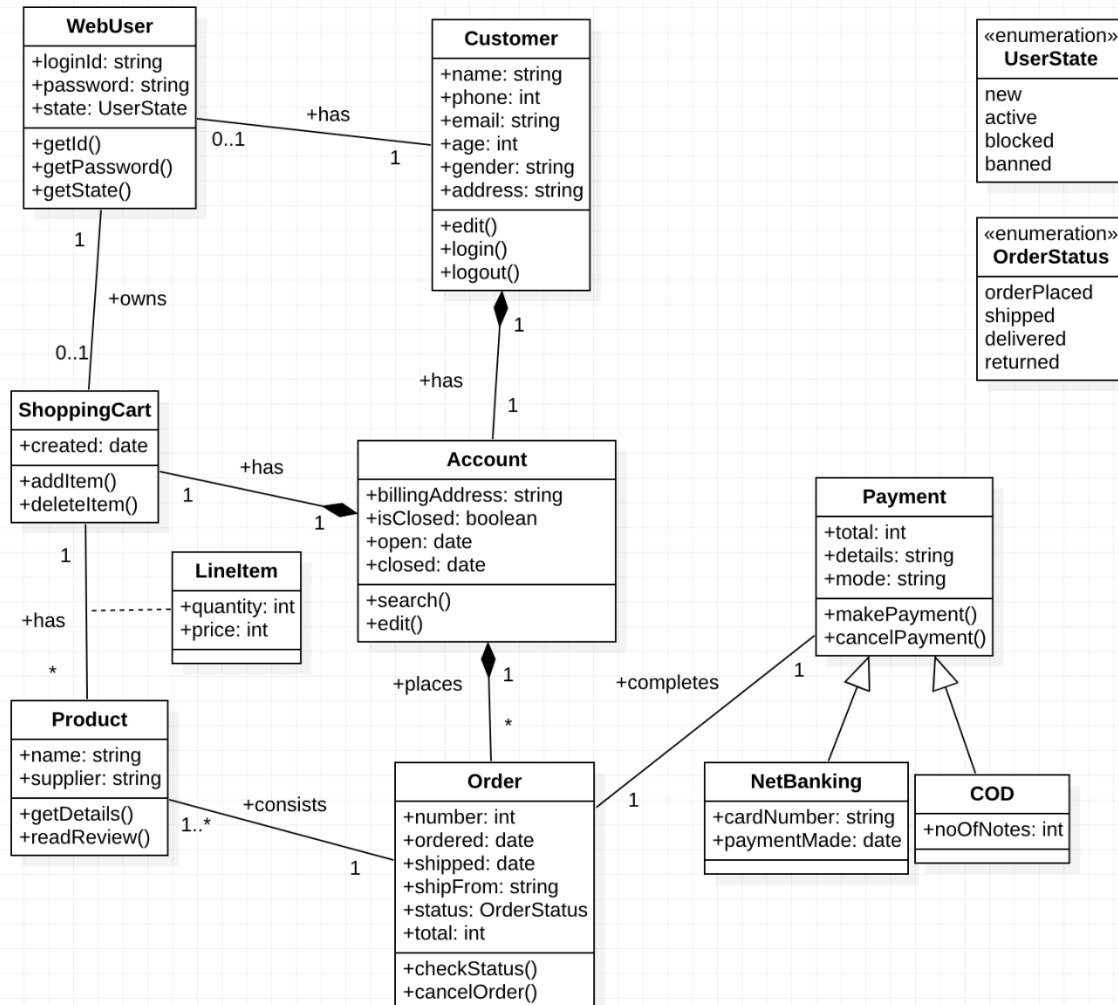


ADVANCED STATE DIAGRAM:-

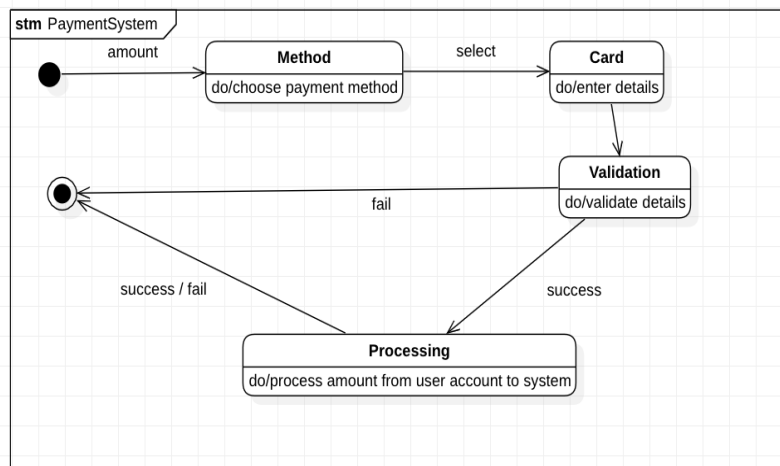
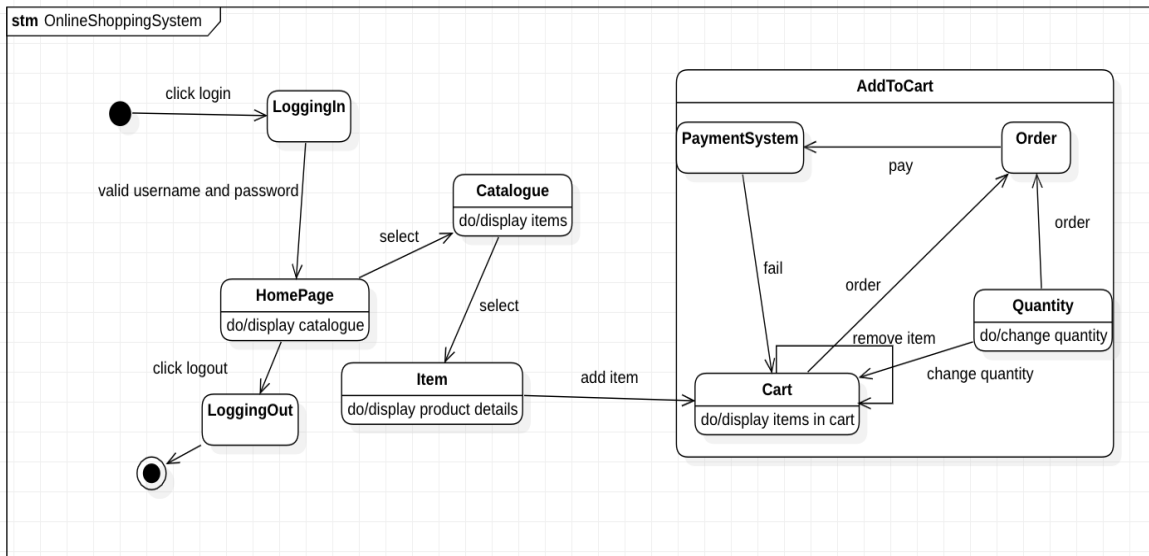


5.ONLINE SHOPPING SYSTEM:-

ADVANCED CLASS DIAGRAM :-

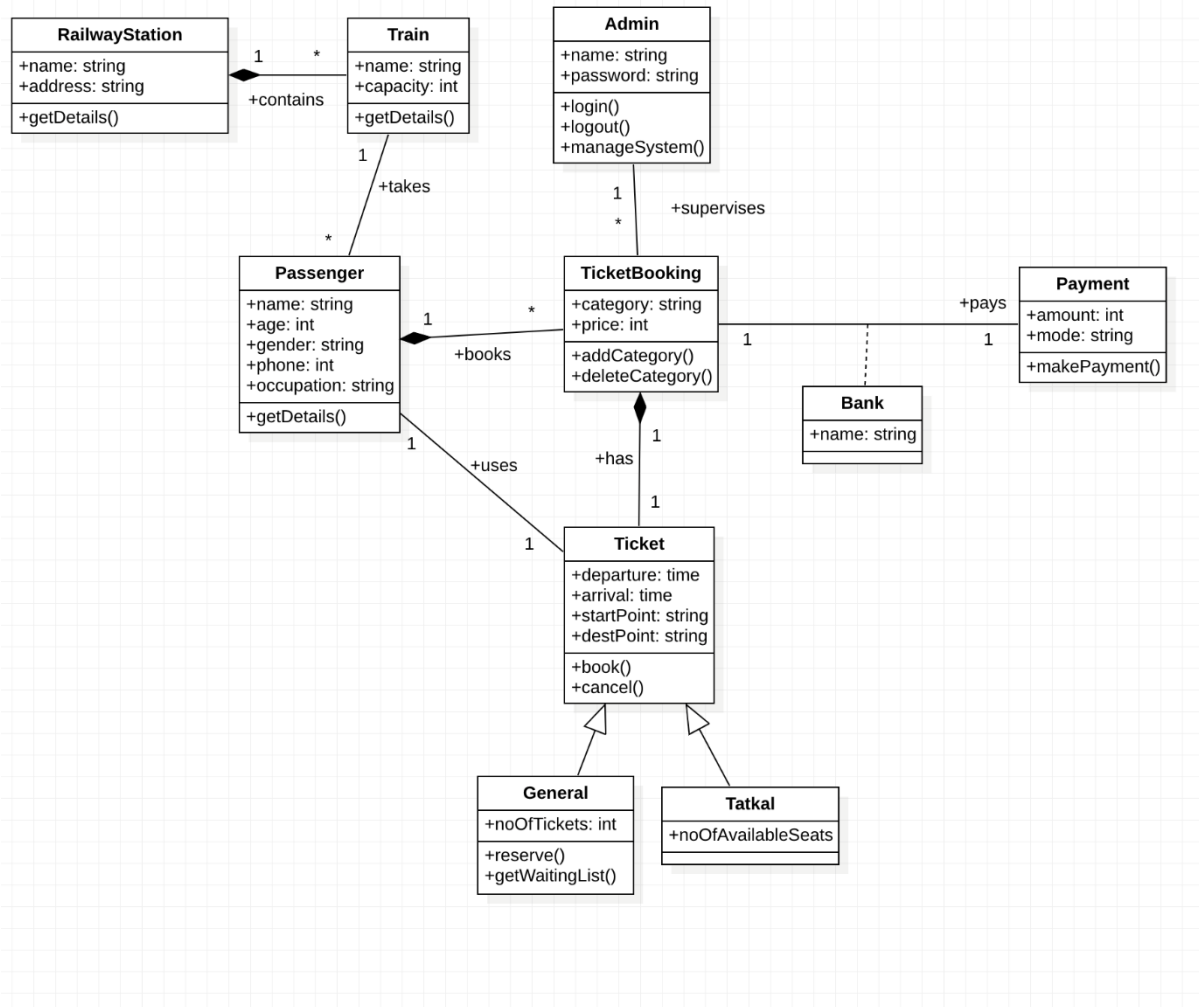


ADVANCED STATE DIAGRAM:-



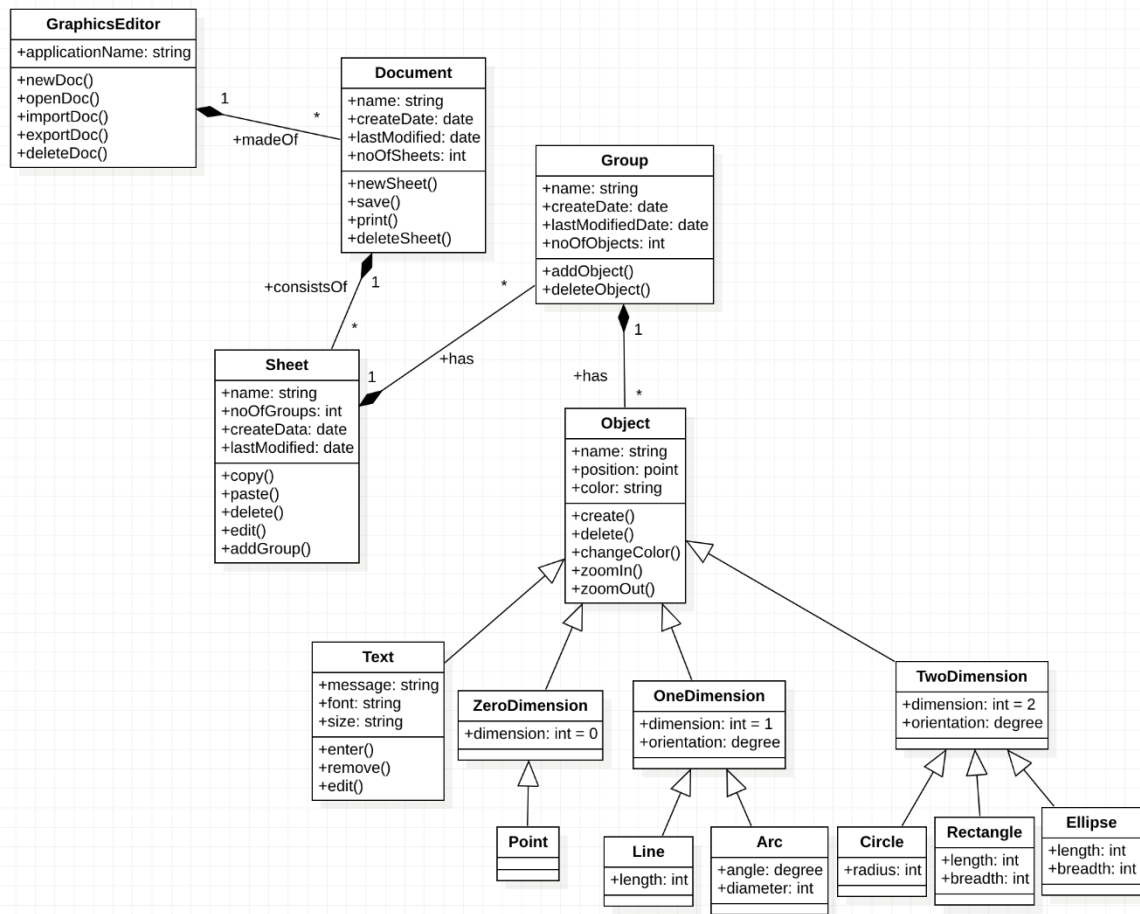
6. RAILWAY RESERVATION SYSTEM

ADVANCED CLASS DIAGRAM:-



ADVANCED STATE DIAGRAM:-

ADVANCED CLASS DIAGRAM:-



ADVANCED STATE DIAGRAM:-

