VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JnanaSangama", Belgaum -590014, Karnataka.

LAB REPORT
on

COURSE TITLE

OBJECT ORIENTED MODELLING AND DESIGN

Submitted by

DEEPTHI L (1BM19CS226)

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 **Object oriented modelling & design**" carried out by **DEEPTHI L (1BM19CS226),** 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 Object oriented modelling and design – **(20CS6PCOMD)** 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

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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.

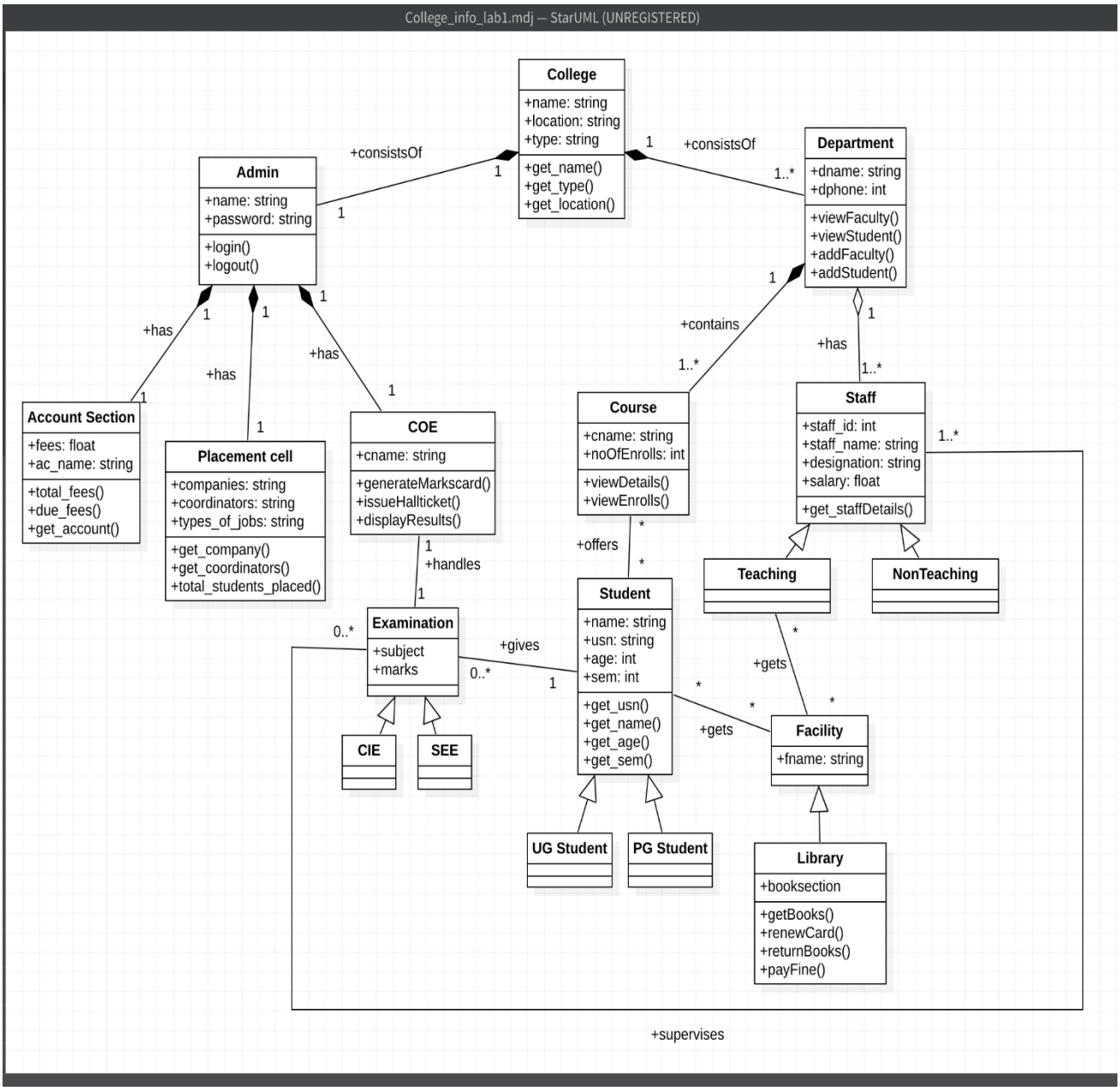
CO2 Ability to analyze a System for a given requirement using Unified Modeling language.

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

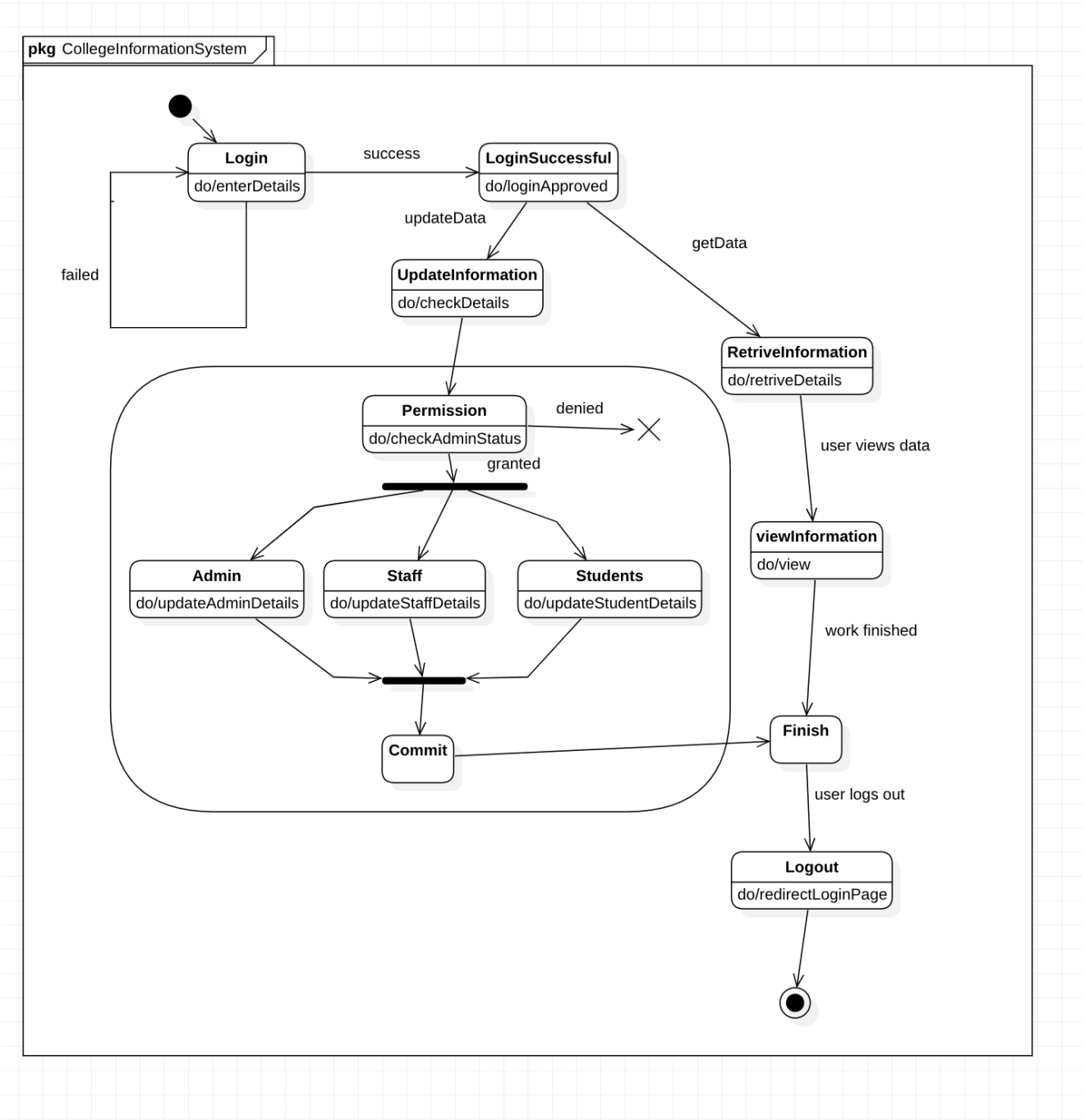
CO4 Ability to conduct practical experiment to solve a given problem using Unified Modeling language

1 .COLLEGE INFORMATION SYSTEM

ADVANCED CLASS DIAGRAM:-

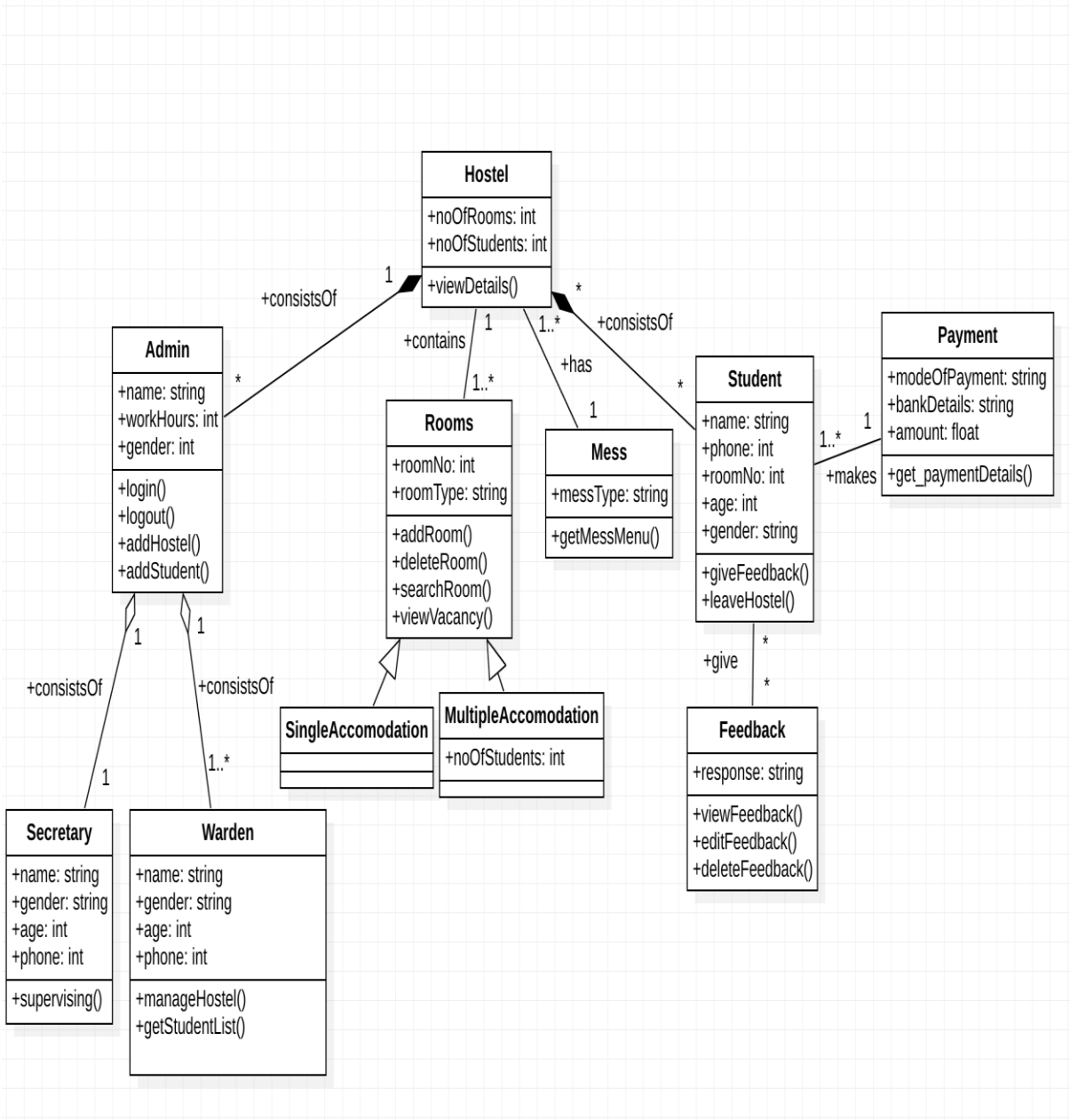


ADVANCED STATE DIAGRAM:-



2. HOSTEL MANAGEMENT SYSTEM

ADVANCED CLASS DIAGRAM:-



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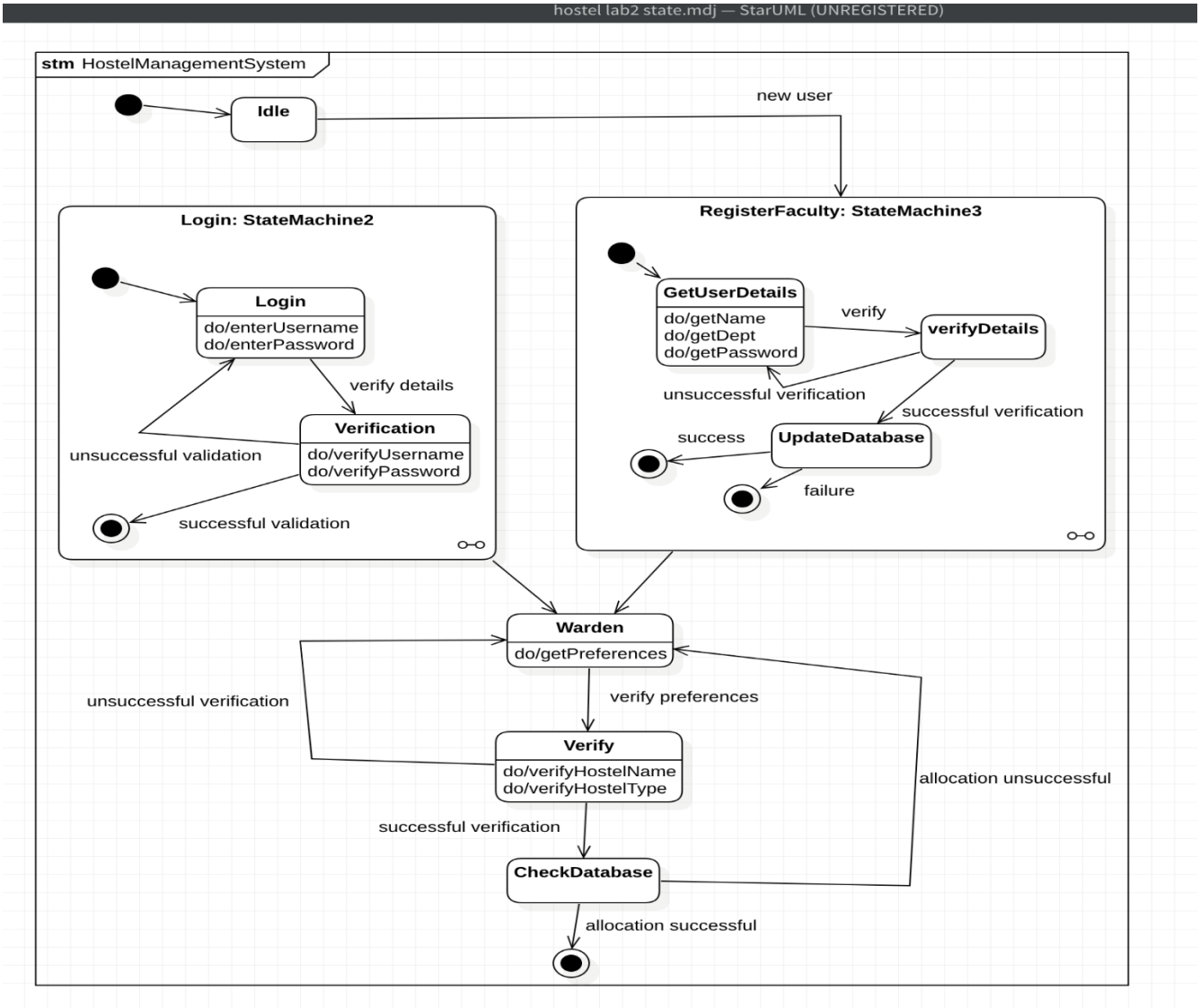
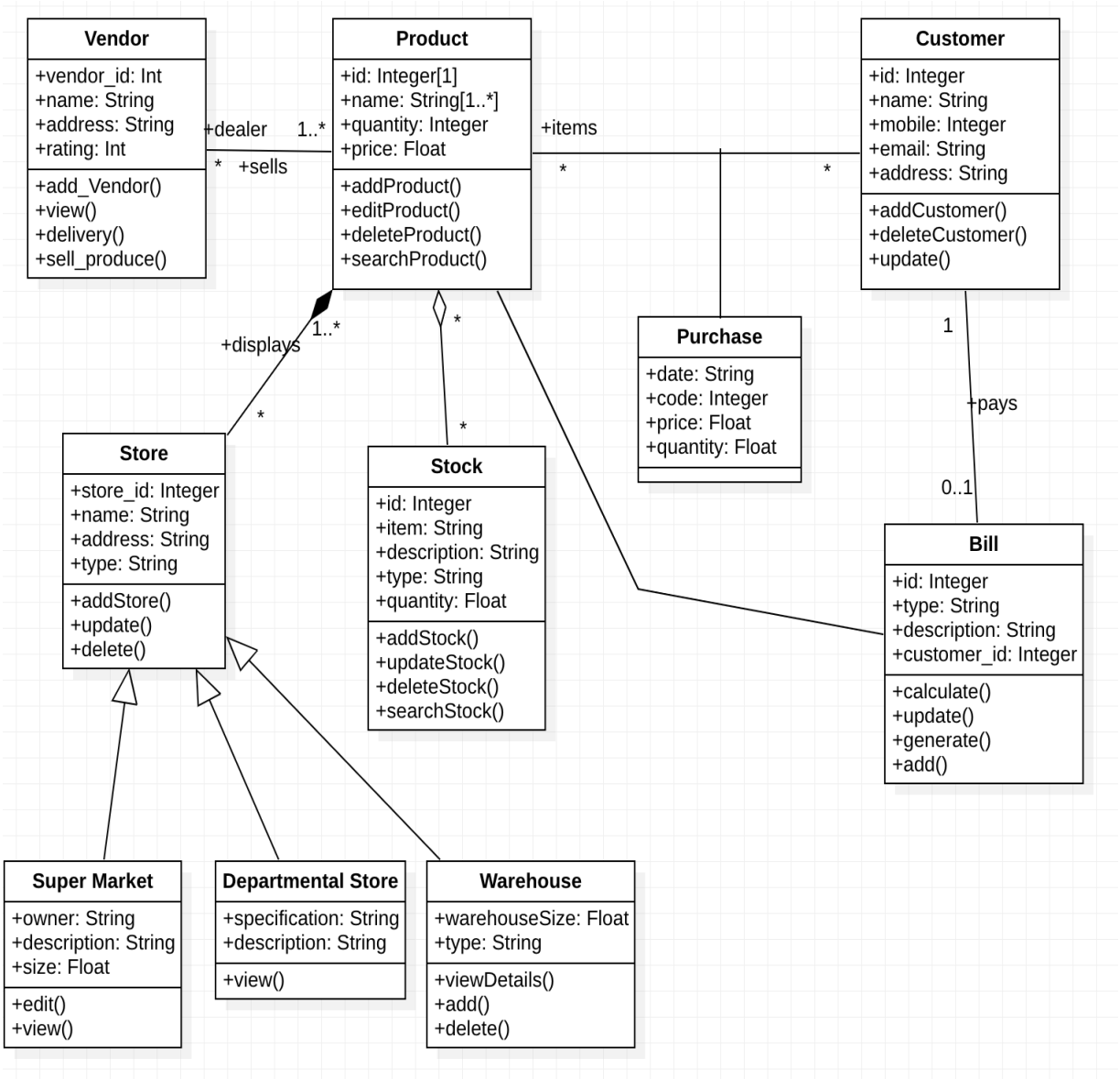


3.STOCK MANAGEMENT SYSTEM

ADVANCED CLASS DIAGRAM:-



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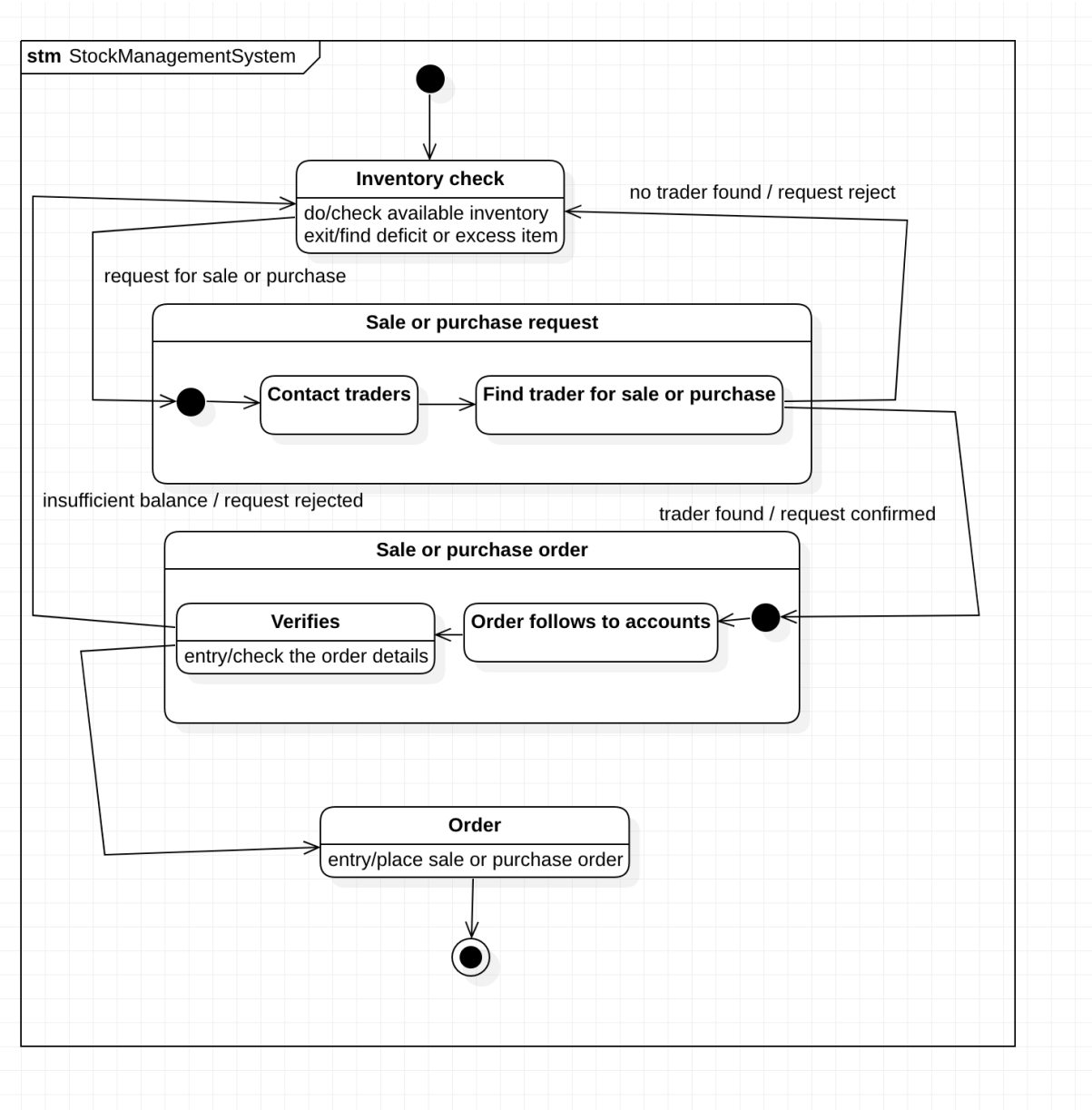
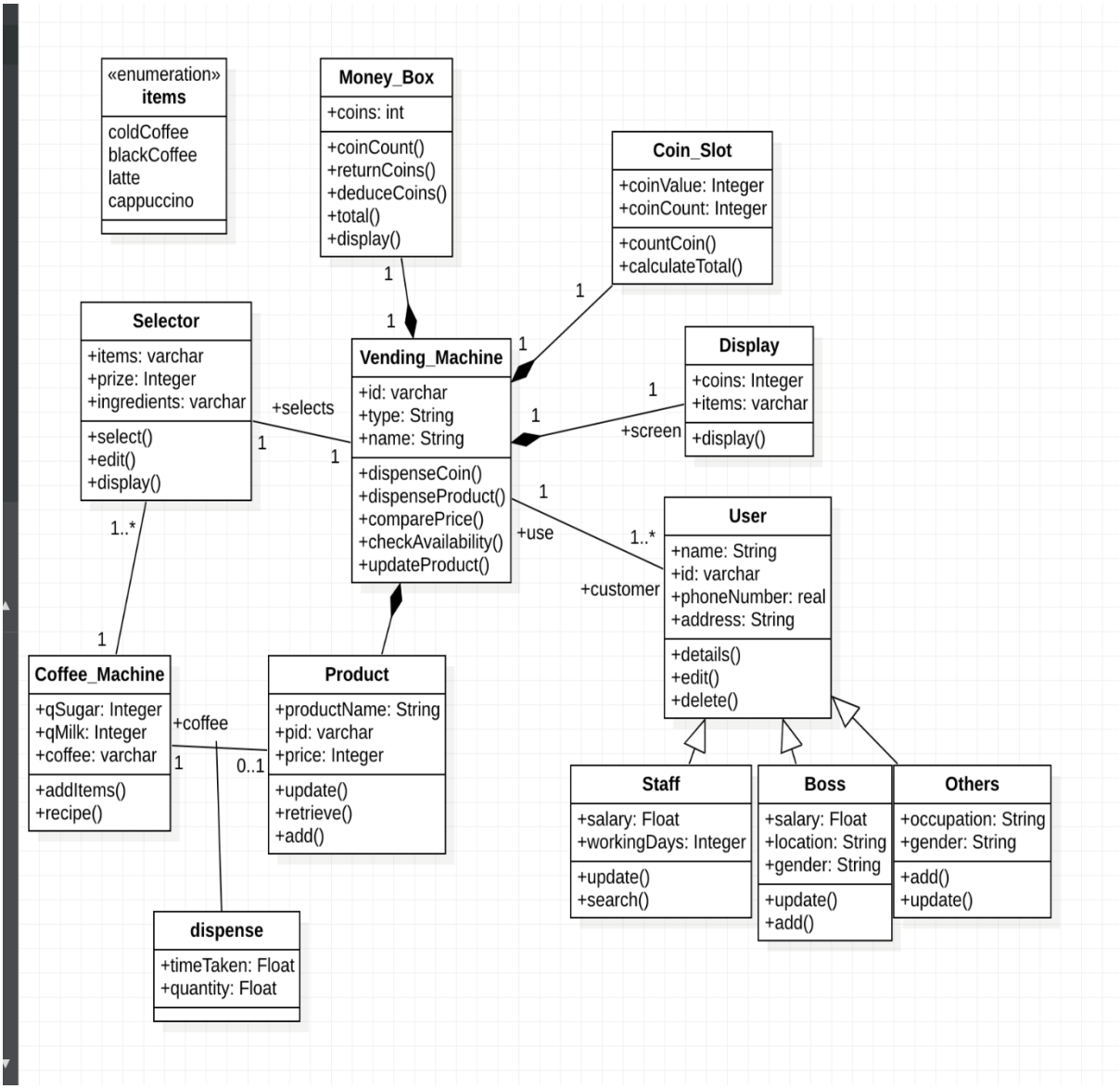


4.COFFEE VENDING MACHINE SYSTEM

ADVANCED CLASS DIAGRAM:-



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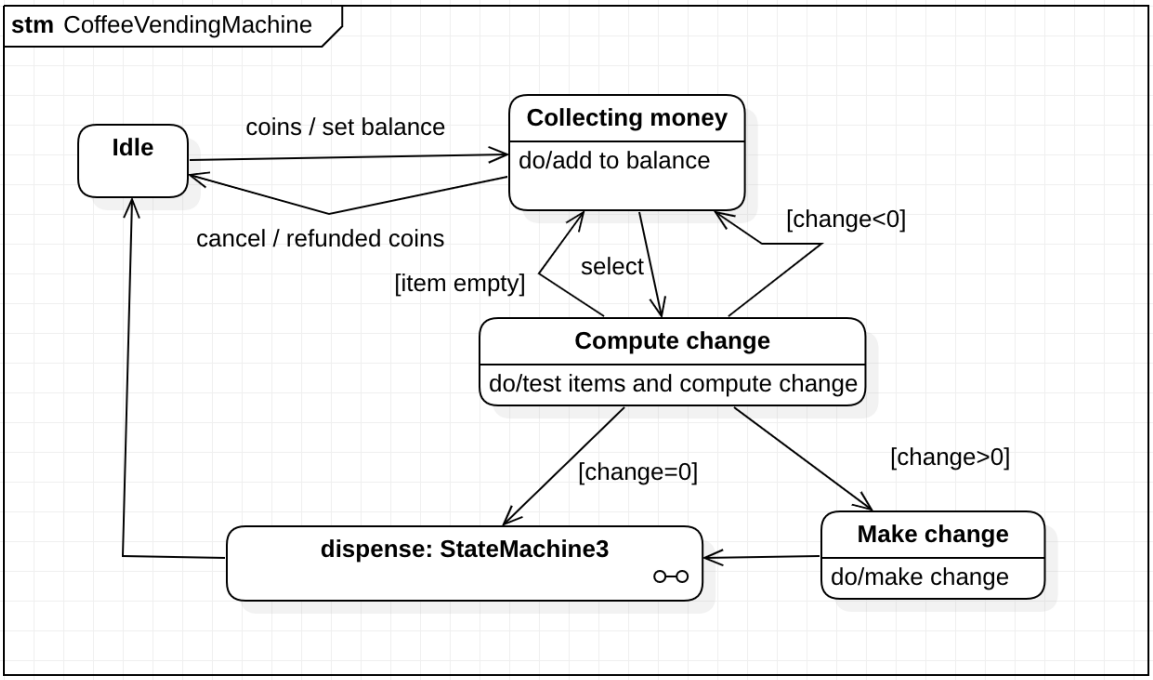
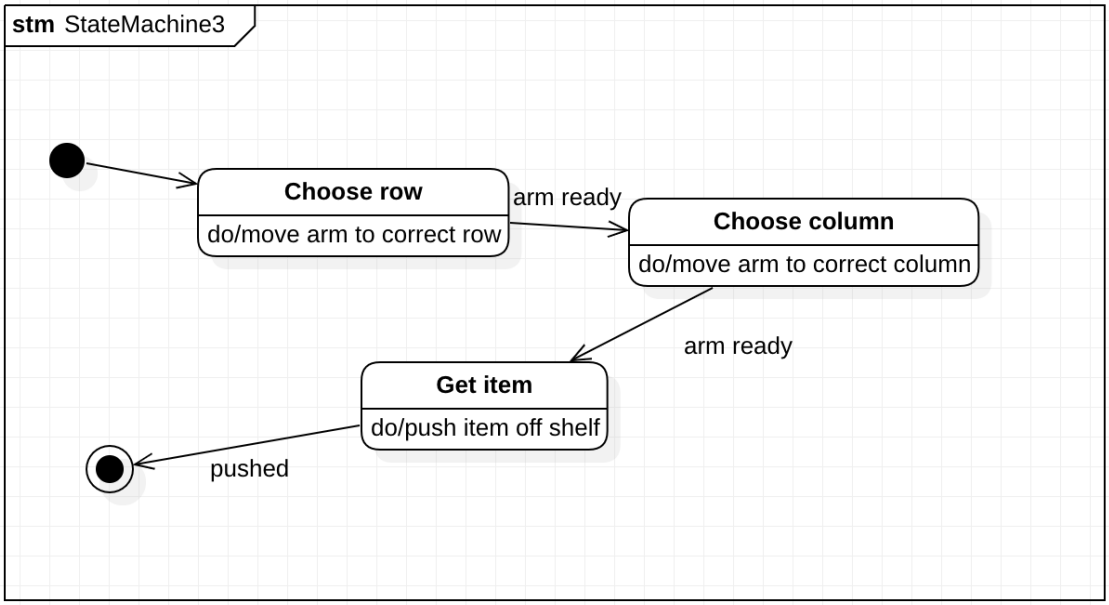
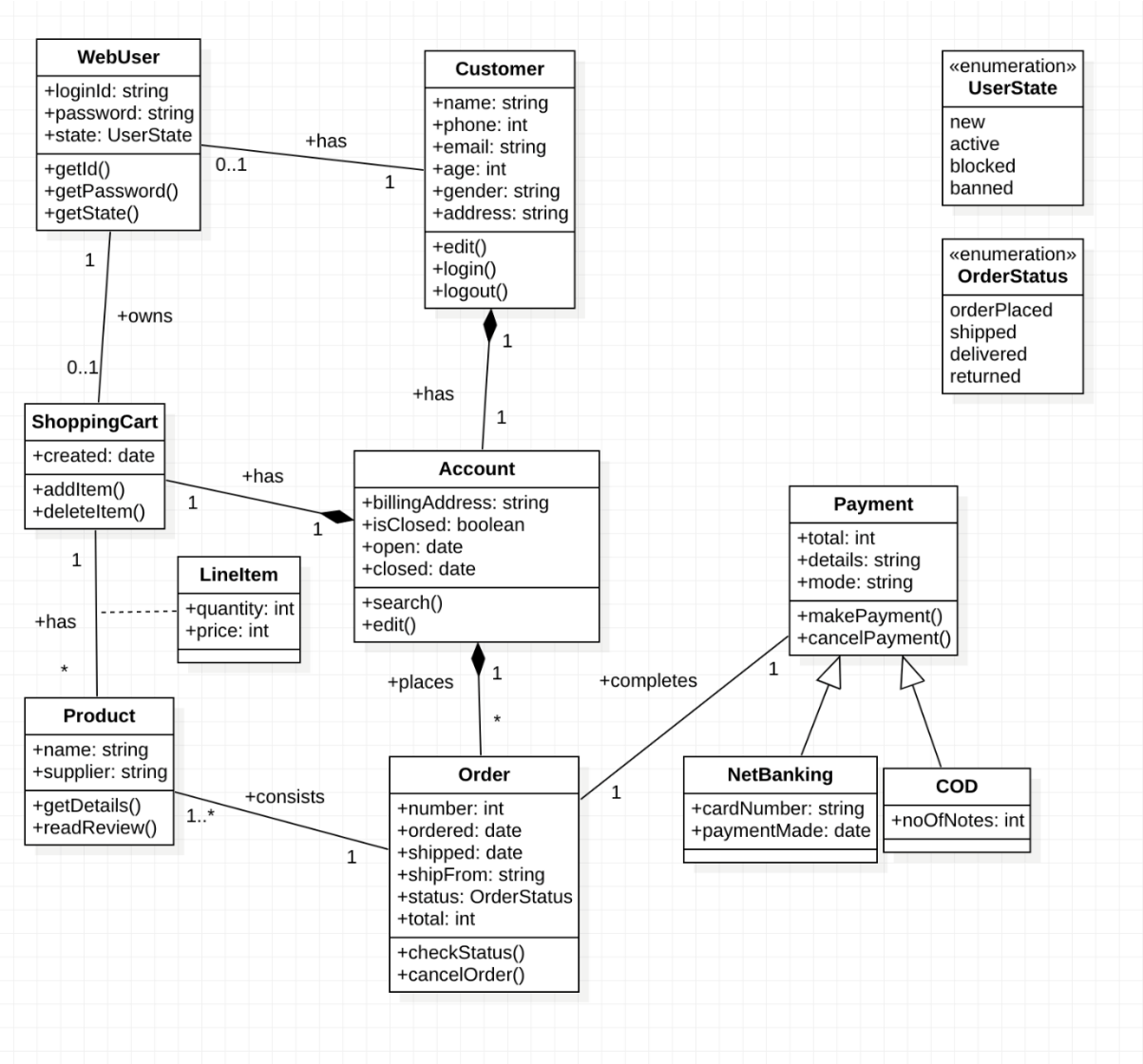




5.ONLINE SHOPPING SYSTEM:-

ADVANCED CLASS DIAGRAM :-



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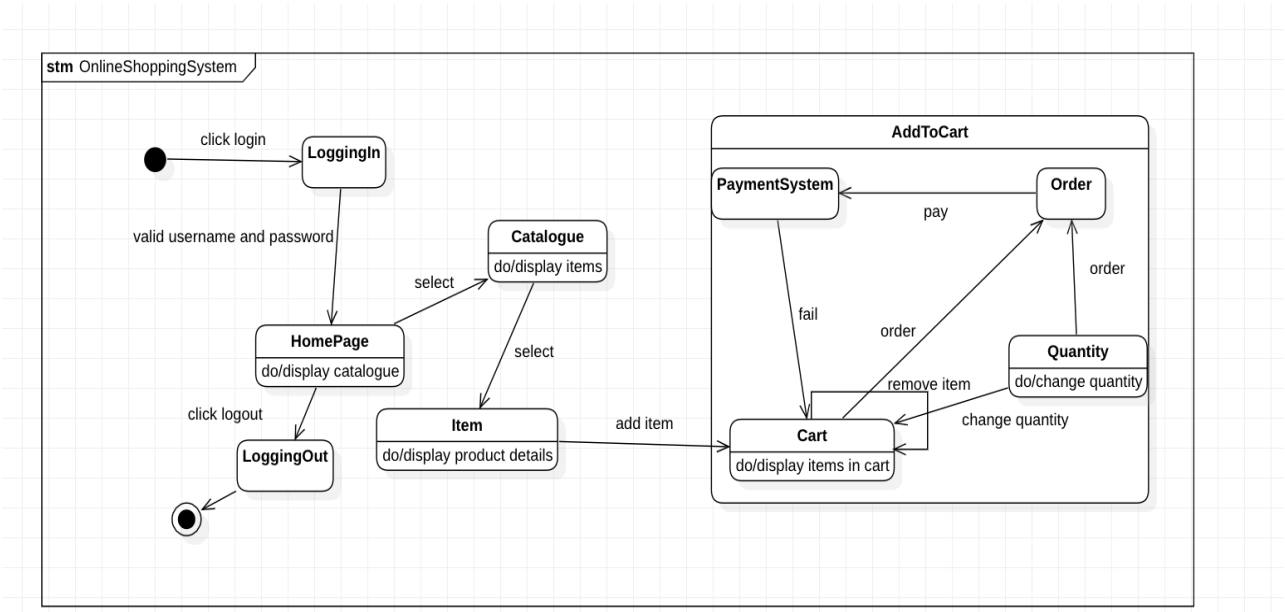
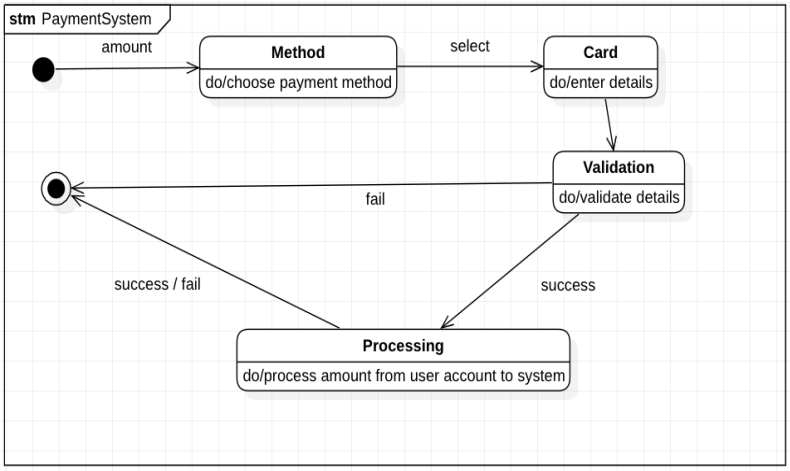
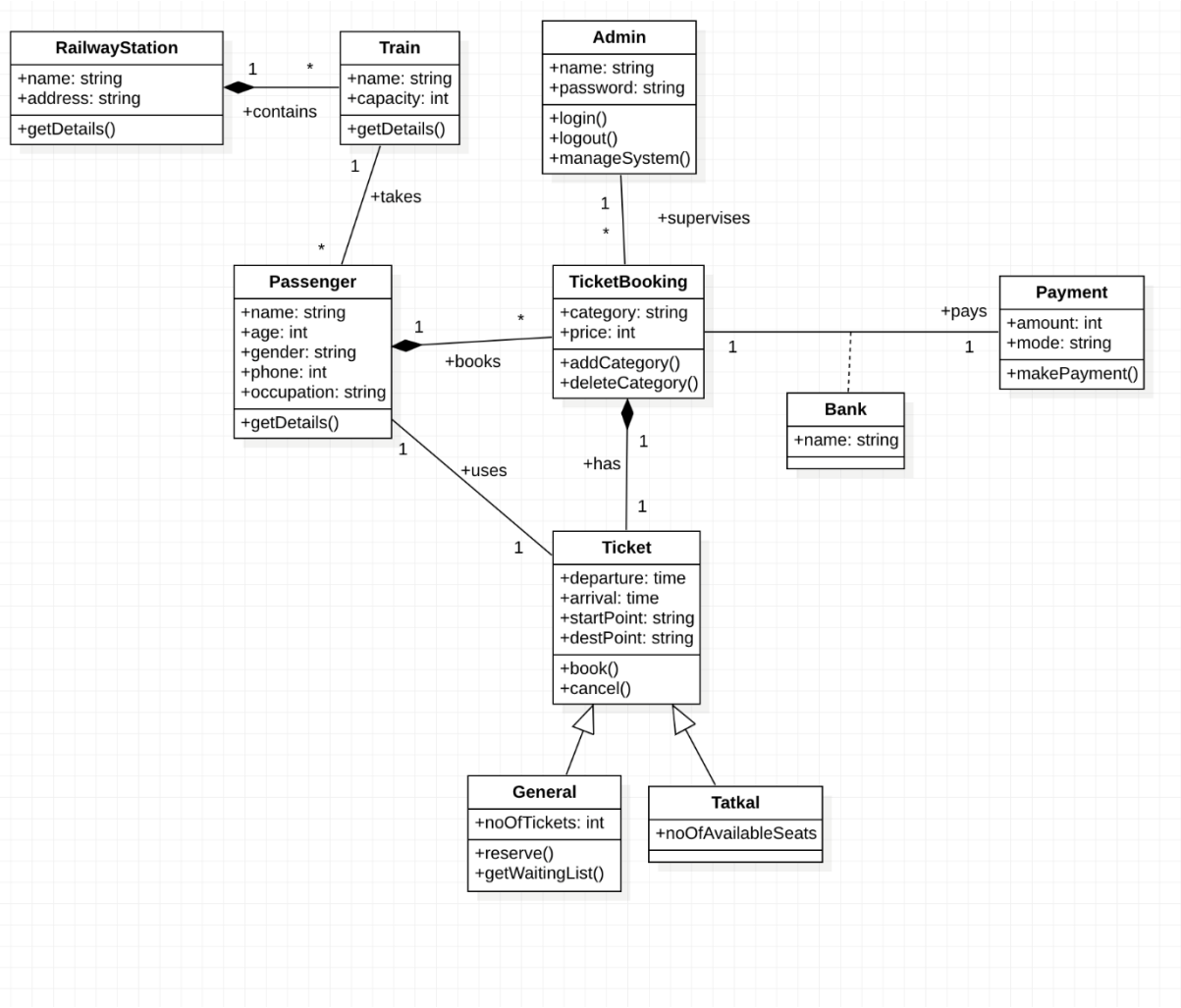




6.RAILWAY RESERVATION SYSTEM

ADVANCED CLASS DIAGRAM:-



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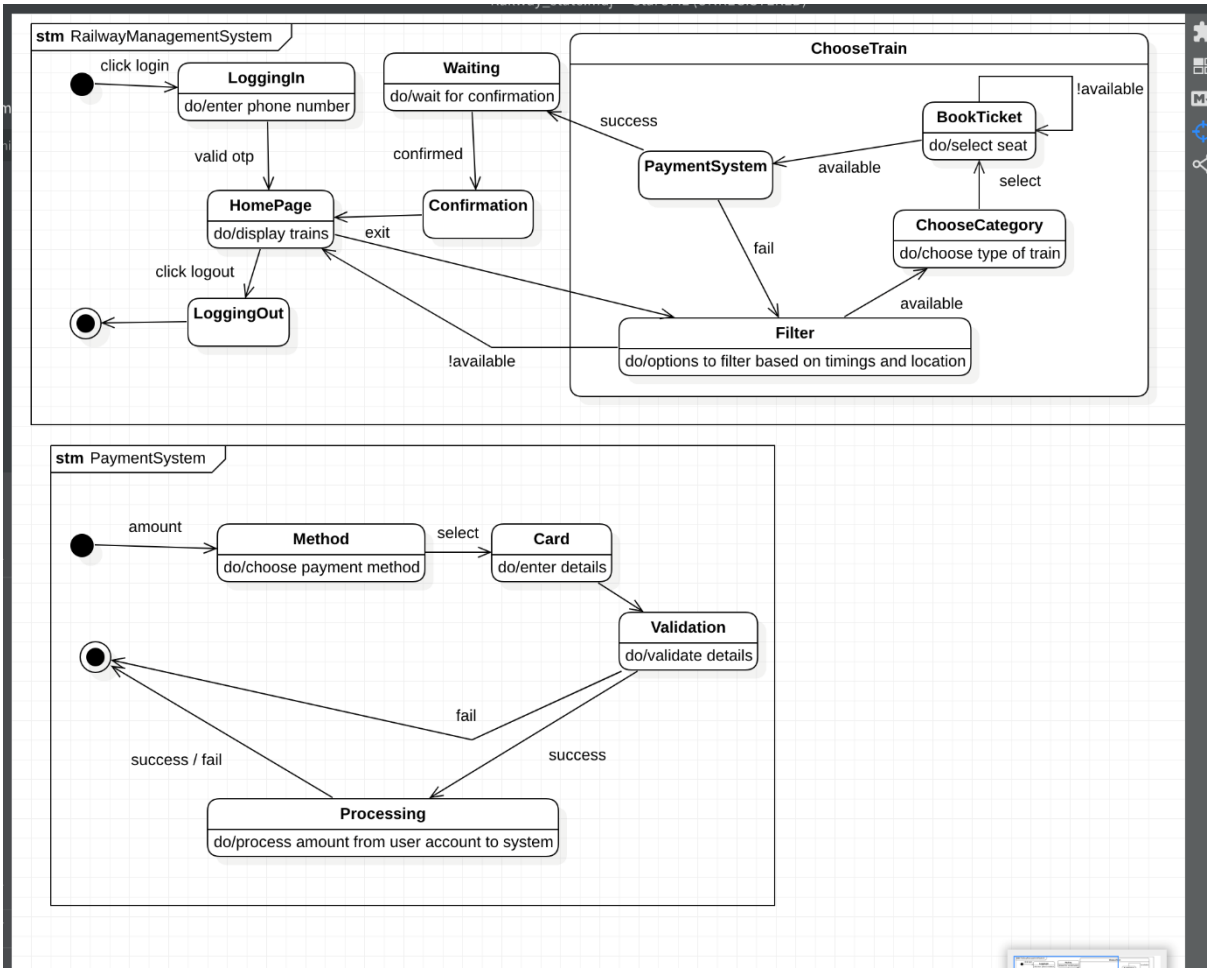
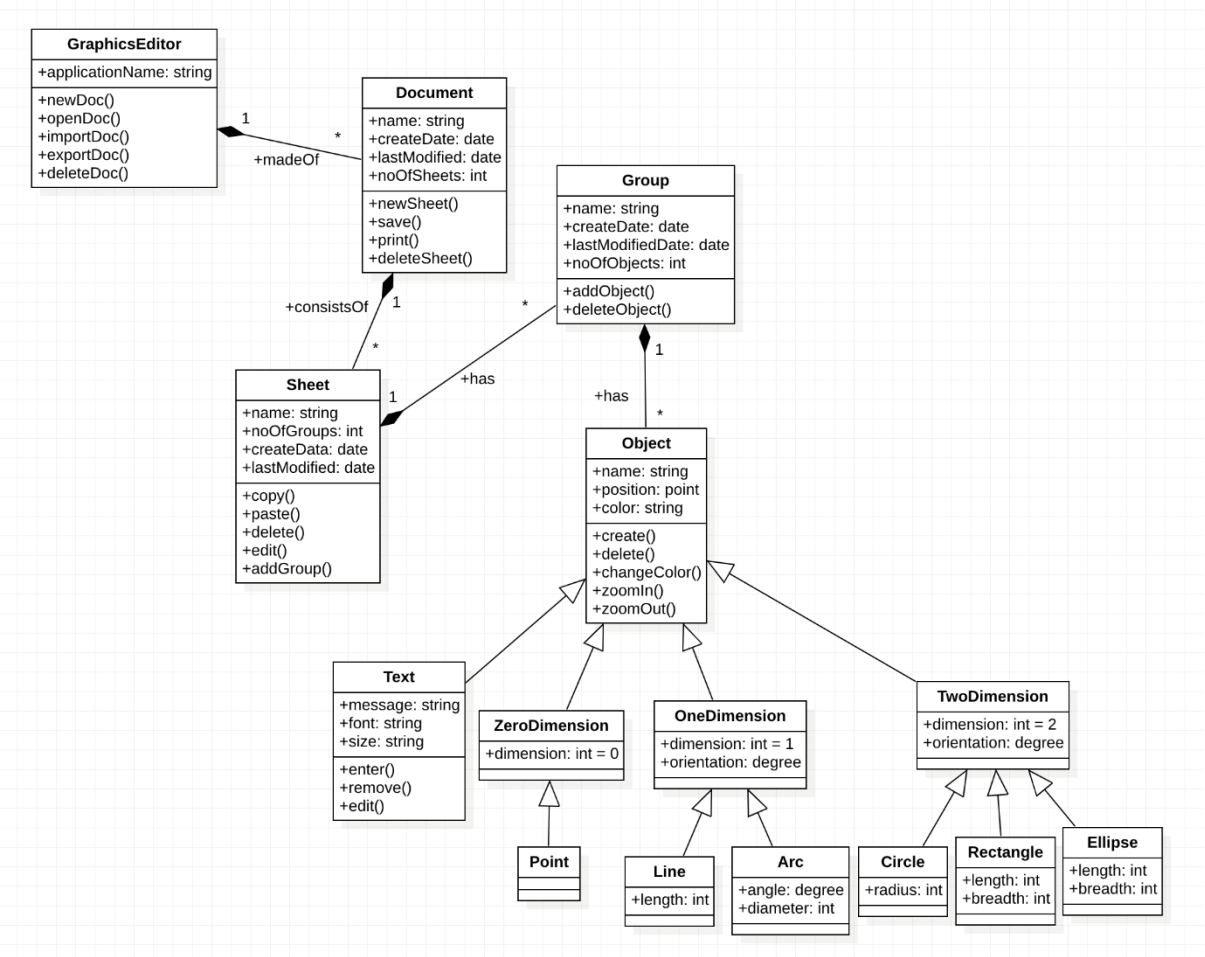


7.GRAPHICS EDITOR SYSTEM

ADVANCED CLASS DIAGRAM:-



ADVANCED STATE DIAGRAM:-