

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JnanaSangama”, Belgaum -590014, Karnataka.



LAB REPORT

on

Object Oriented Modeling and Designing

Submitted by

Prathik Vittal (IBM19CS117)

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 “Big Data Analytics” carried out by **Prathik Vittal (IBM19CS117)**, 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 Modeling and Designing - (20CS6PCOMD)** work prescribed for the said degree.

Dr. Nandini Vineeth
Assistant Professor
Department of CSE
BMSCE, Bengaluru

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

Index Sheet

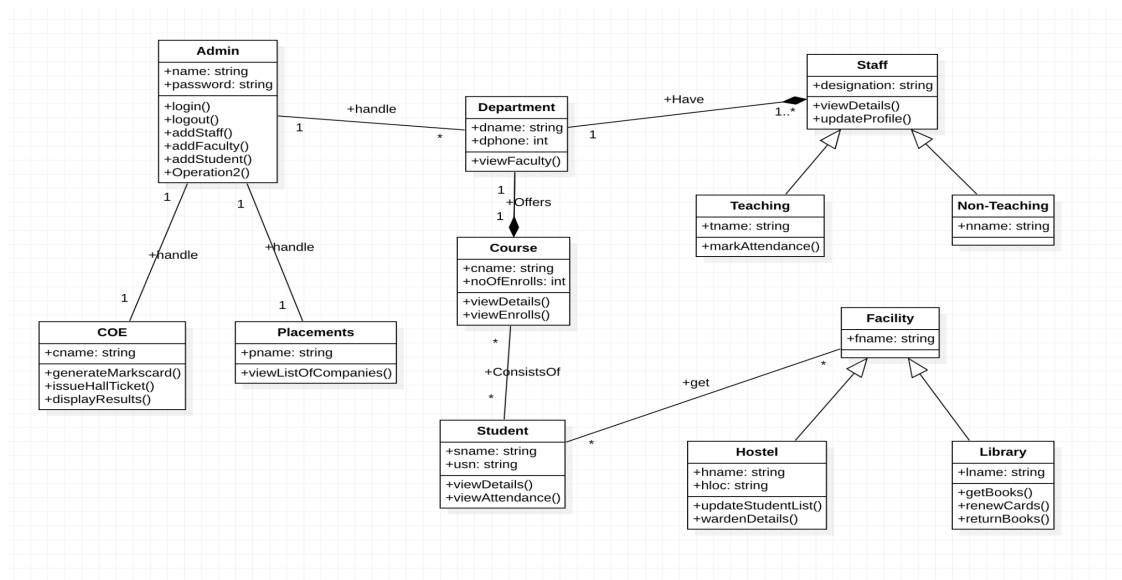
| Sl. No. | Experiment Title | Page No. |
|---------|----------------------------|----------|
| 1 | College Management System | |
| 2 | Hostel Management System | |
| 3 | Stock Management System | |
| 4 | Coffee Vending System | |
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| 6 | Railway Reservation System | |
| 7 | Graphics Editor System | |
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Course Outcome

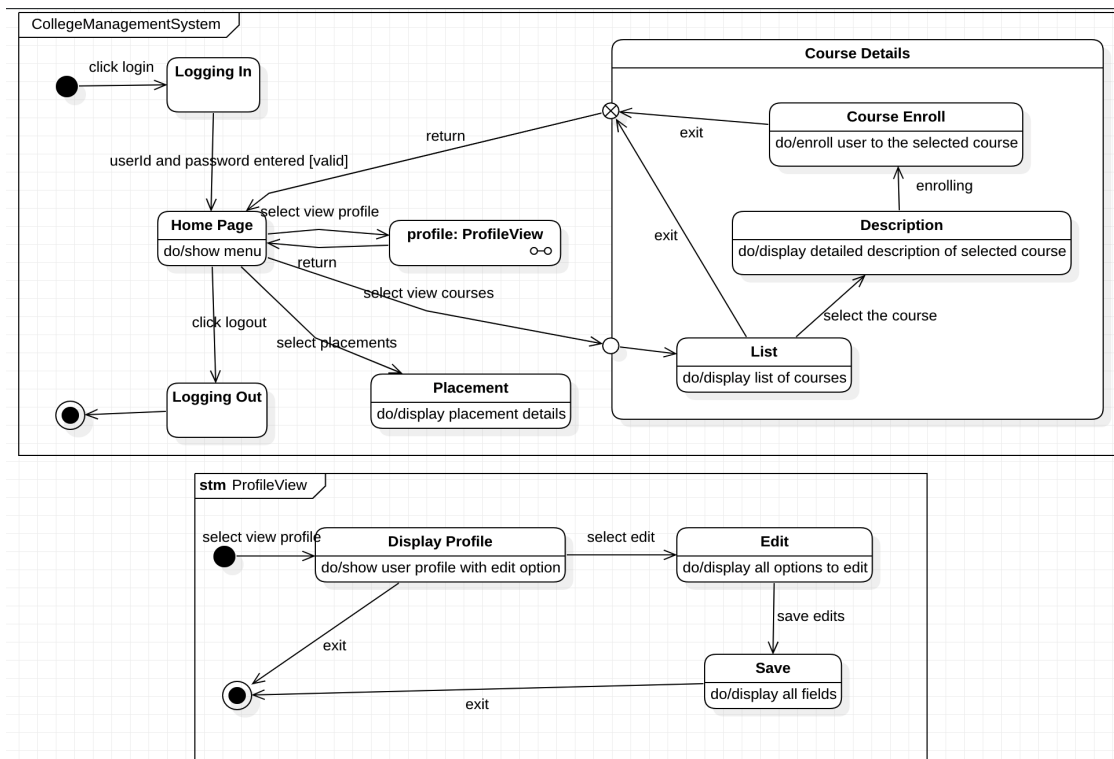
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Lab-1:

Class Diagram:

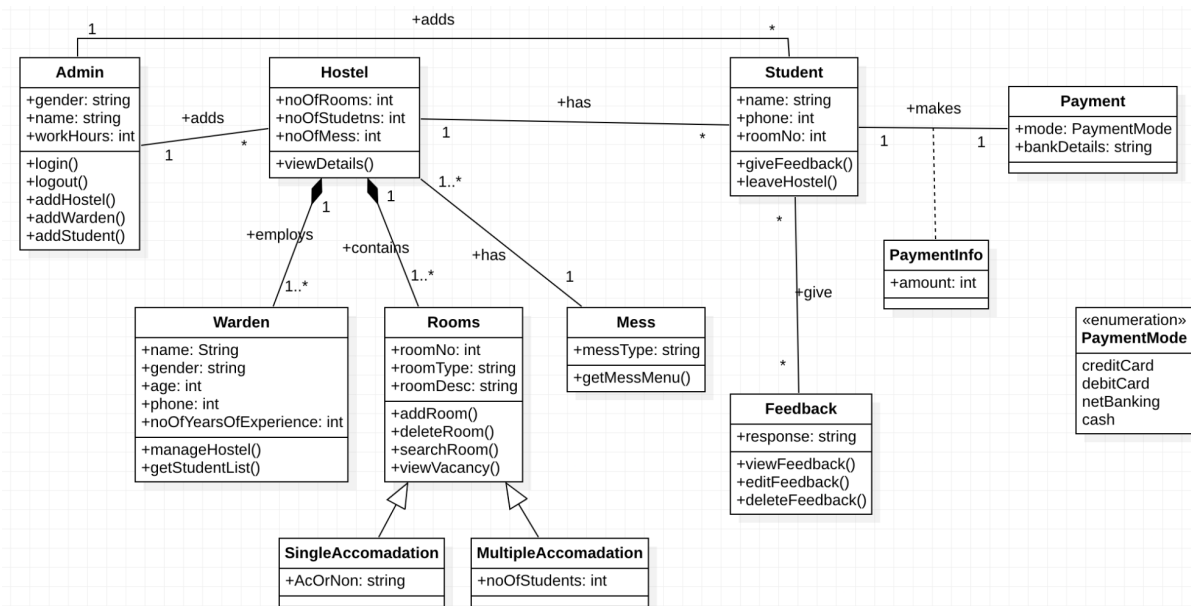


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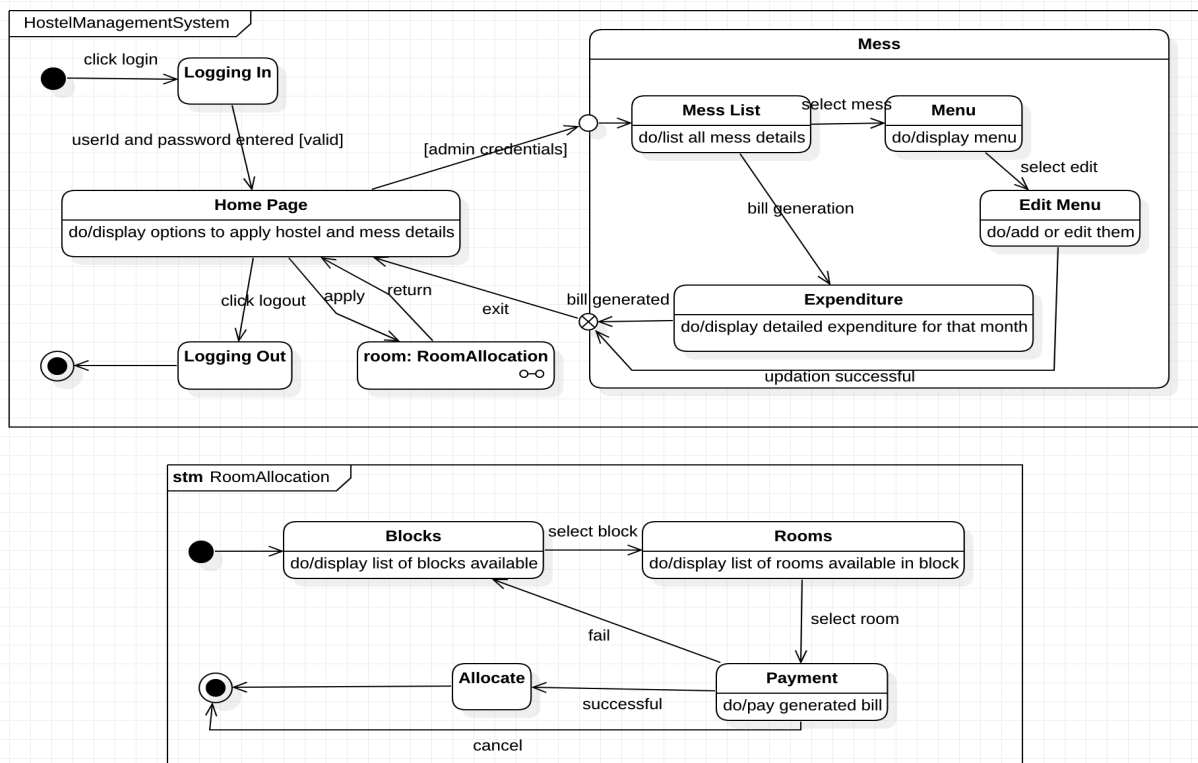


Lab-2:

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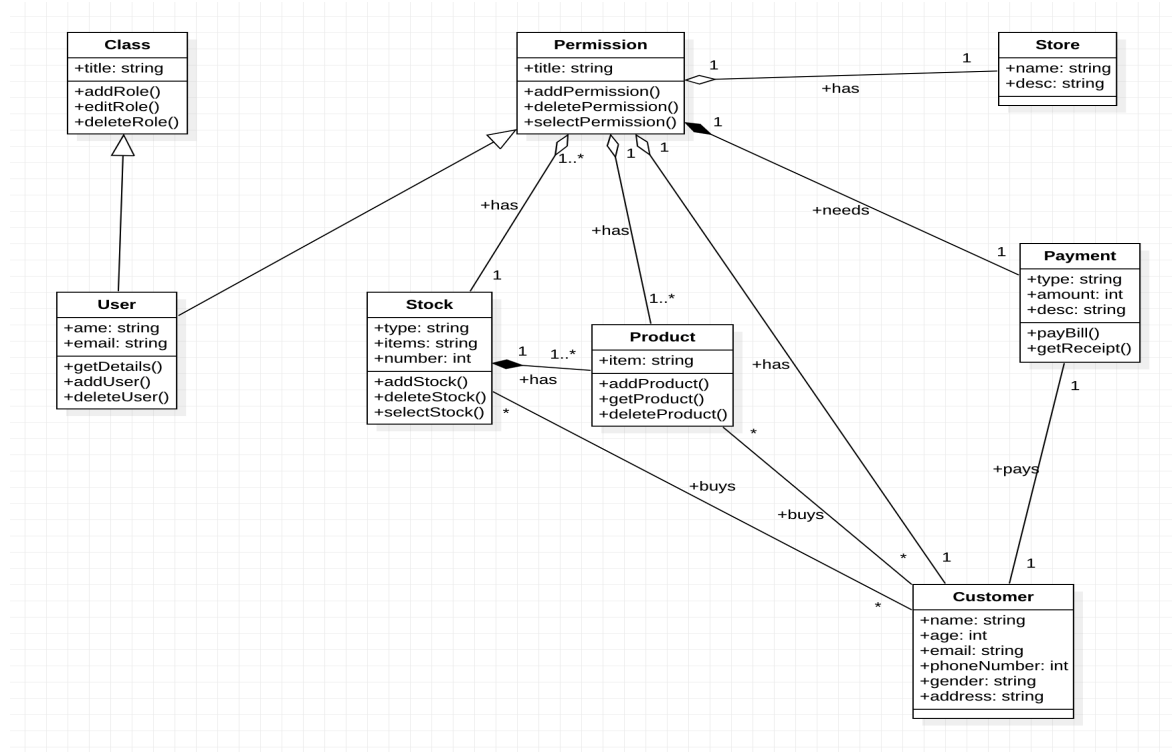


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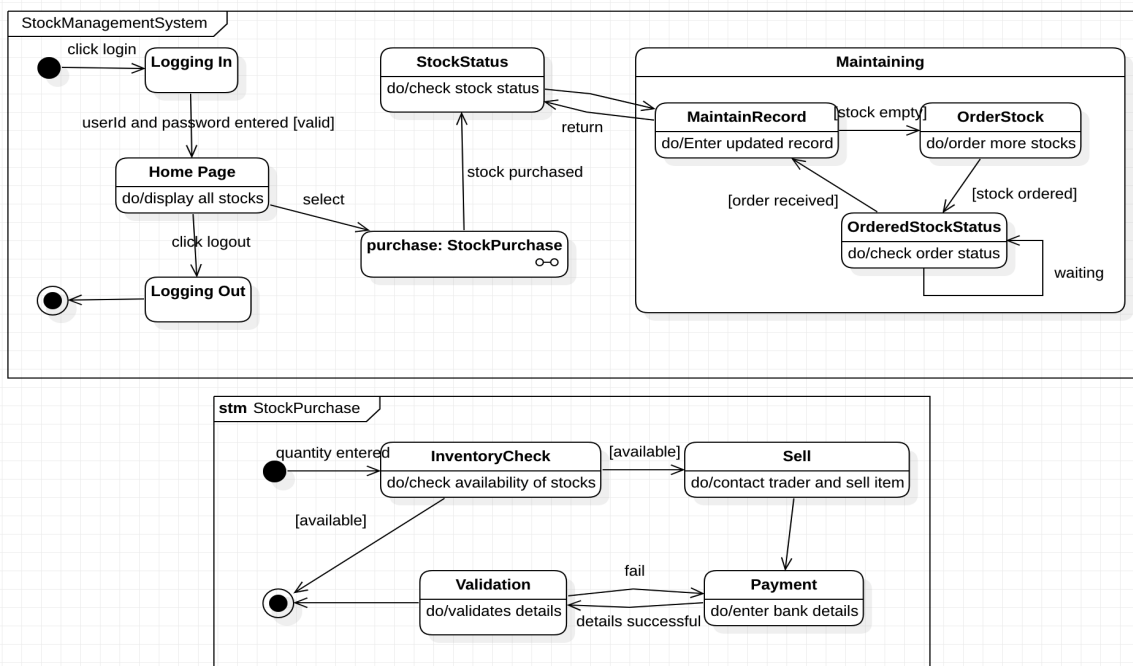


Lab-3:

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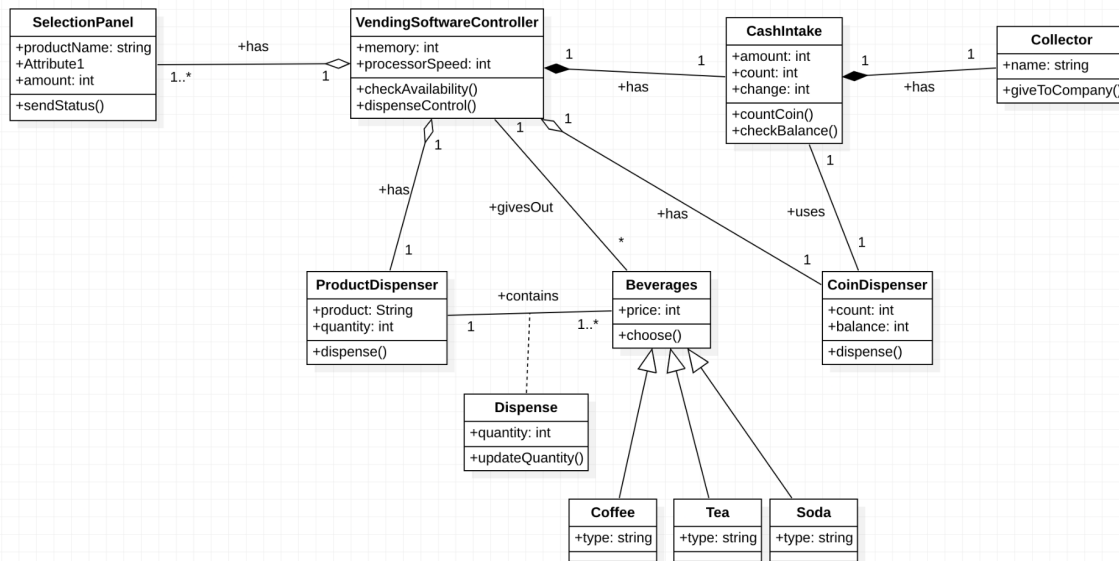


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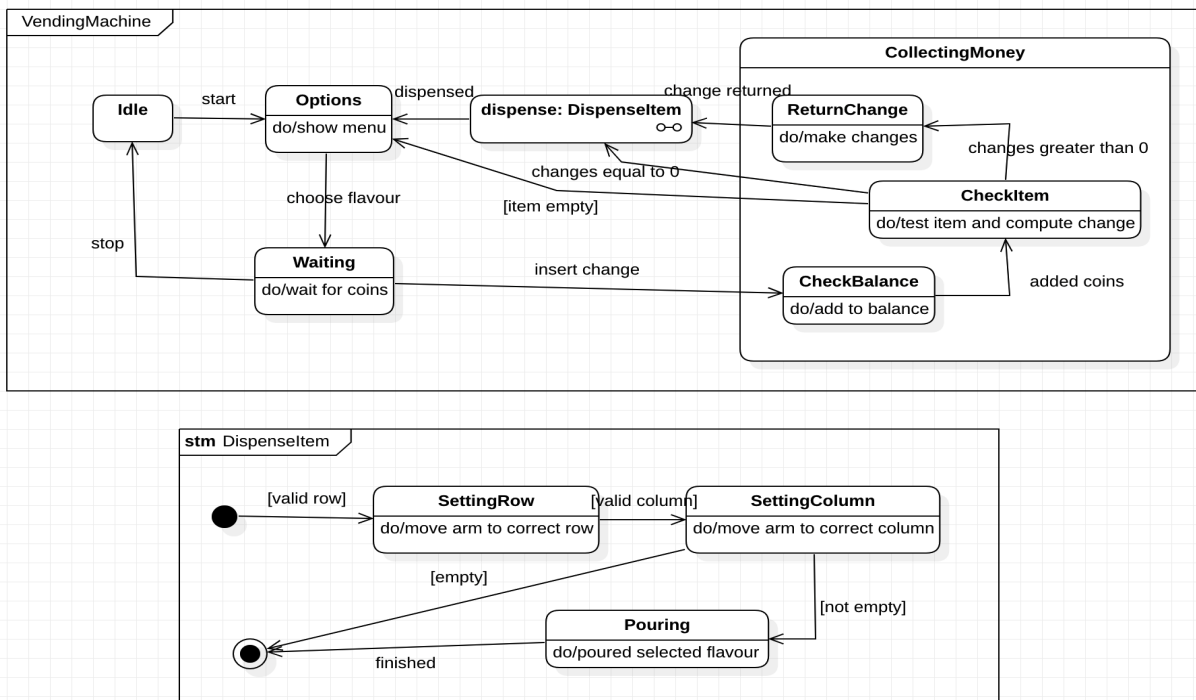


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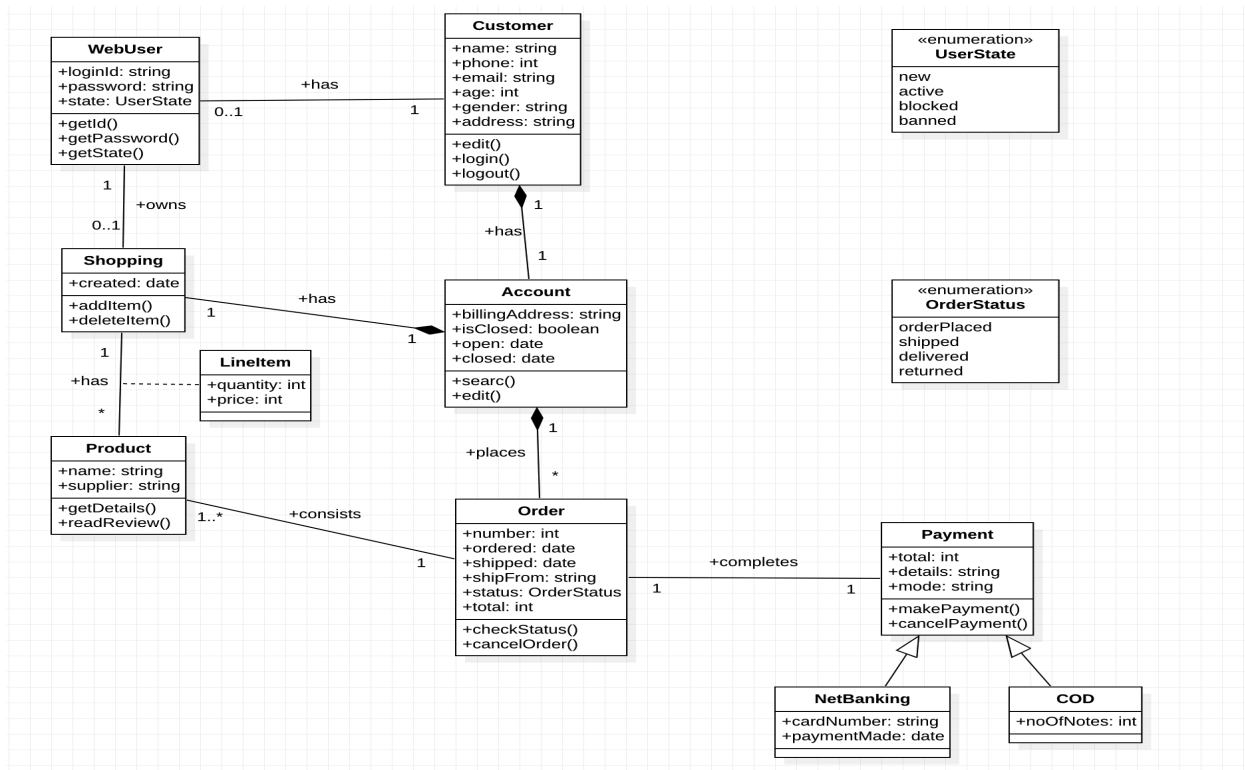


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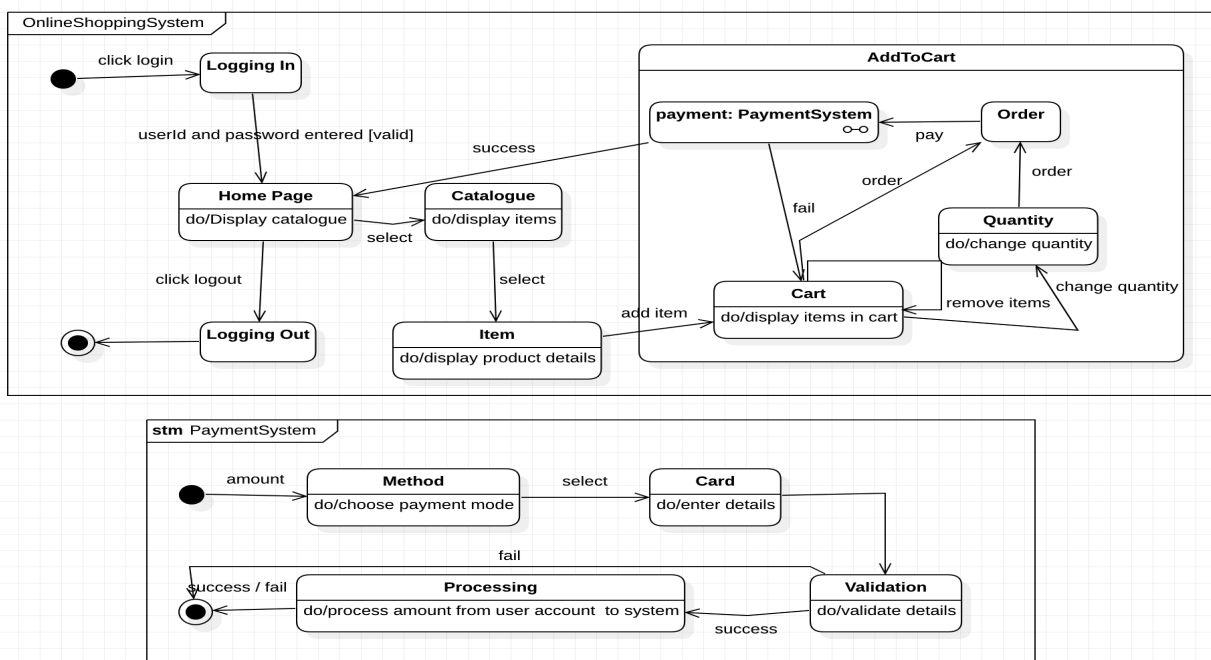


Lab-5:

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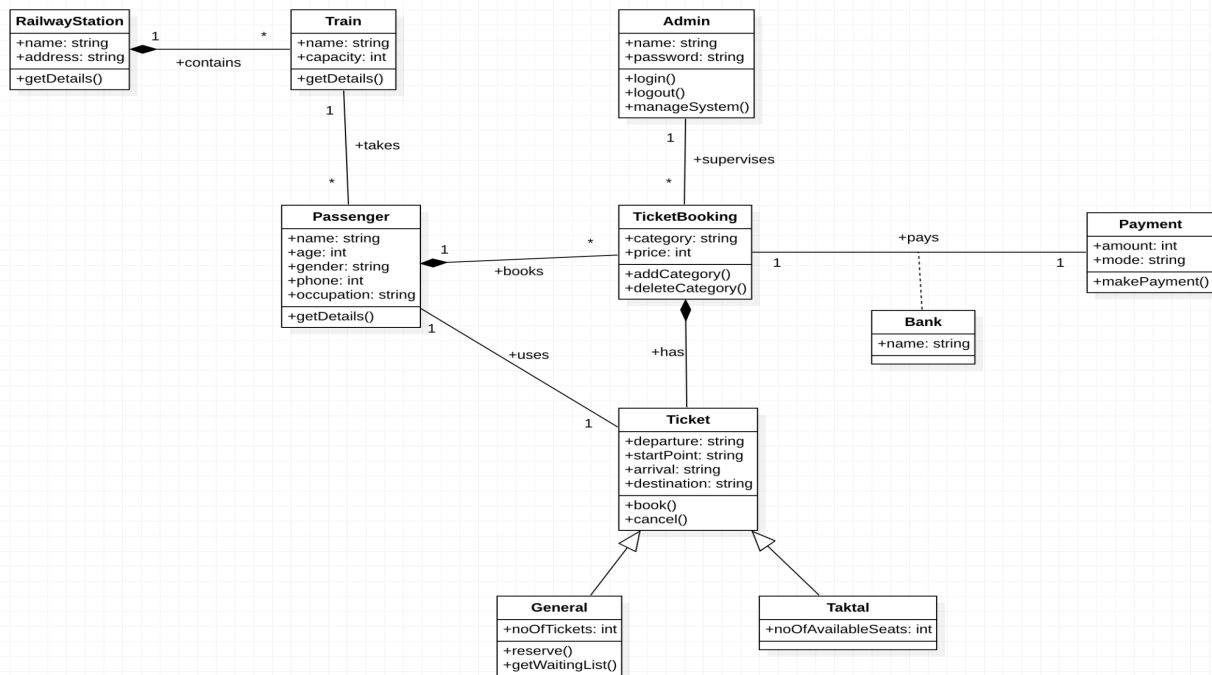


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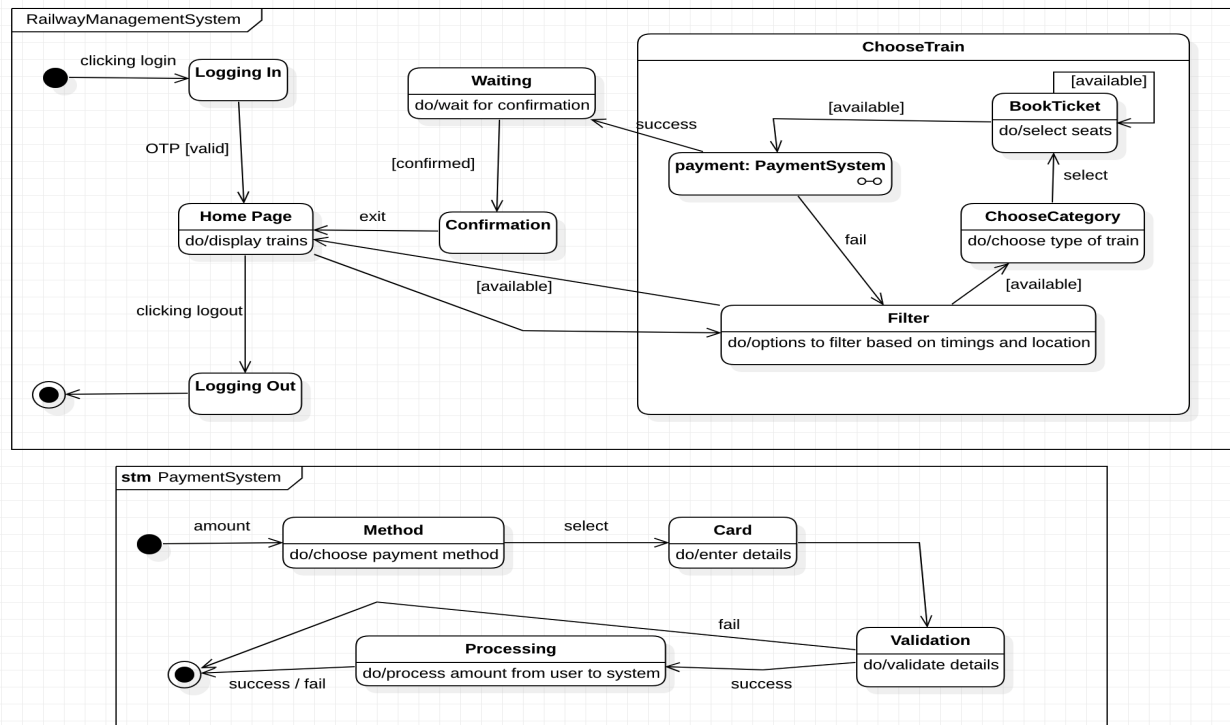


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Class Diagram:

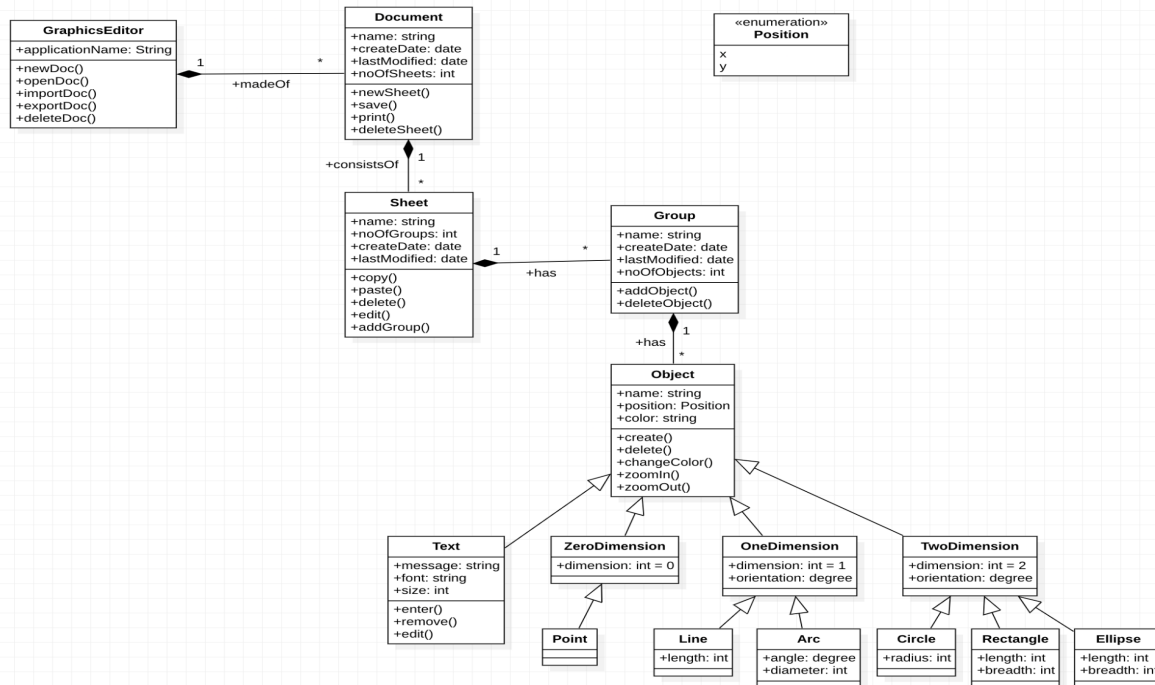


State Diagram:



Lab-7:

Class Diagram:



State Diagram:

