

VISVESVARAYATECHNOLOGICAL UNIVERSITY
“JnanaSangama”, Belgaum -590014, Karnataka.



LAB REPORT
on
OBJECT ORIENTED MODELLING AND DESIGN

Submitted by

Rishanth K (1BM19CS129)

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 “Object Oriented Modelling and Design Lab” carried out by **Rishanth K (1BM19CS129)**, who is a 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 with respect to **Object Oriented Modelling and Design - (20CS6PCOMD)** work prescribed for the said degree.

Dr. Sheetal V
Assistant Professor
Department of CSE
BMSCE, Bengaluru

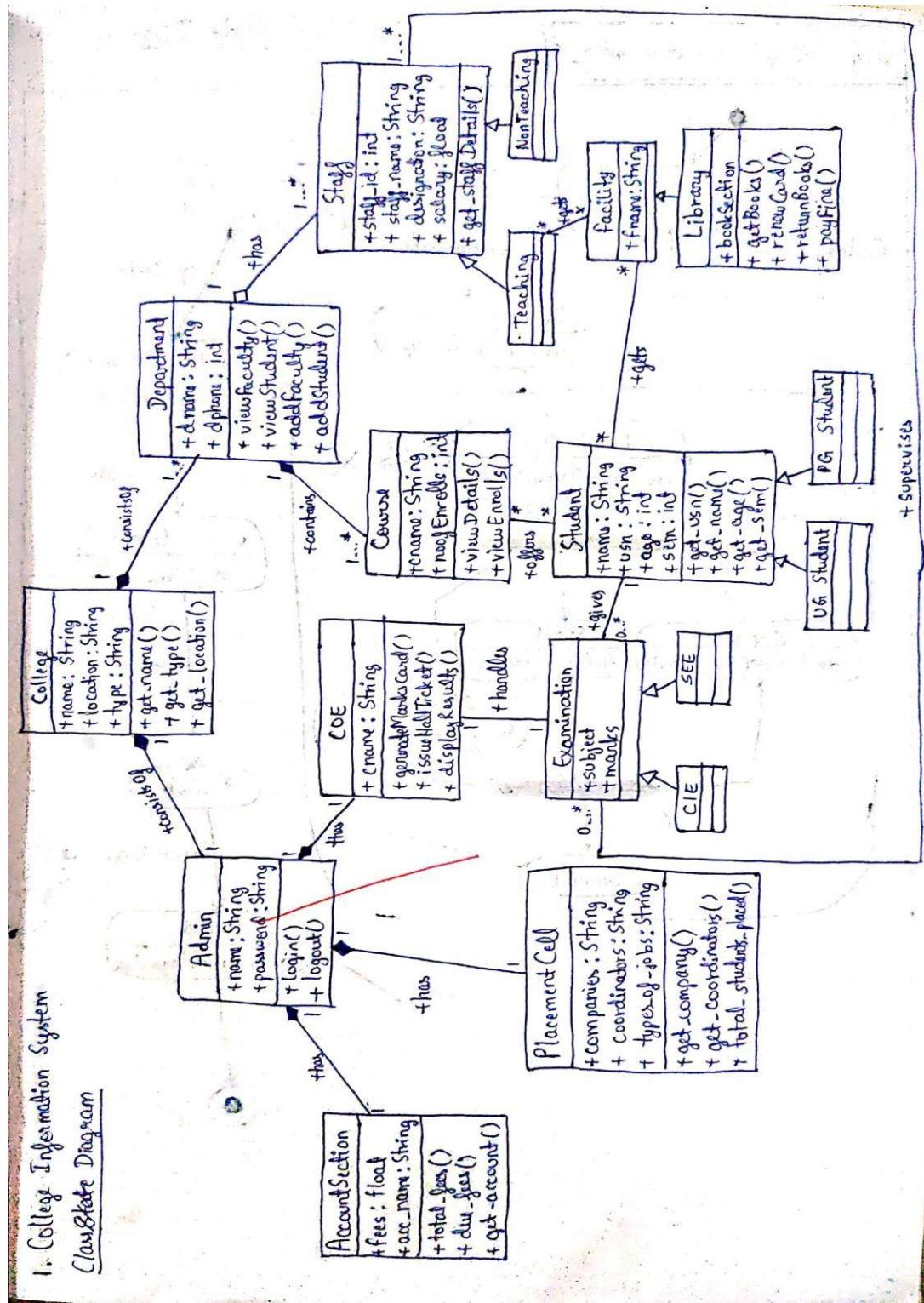
Dr. Jyothi S Nayak
Professor and Head
Department of CSE
BMSCE, Bengaluru

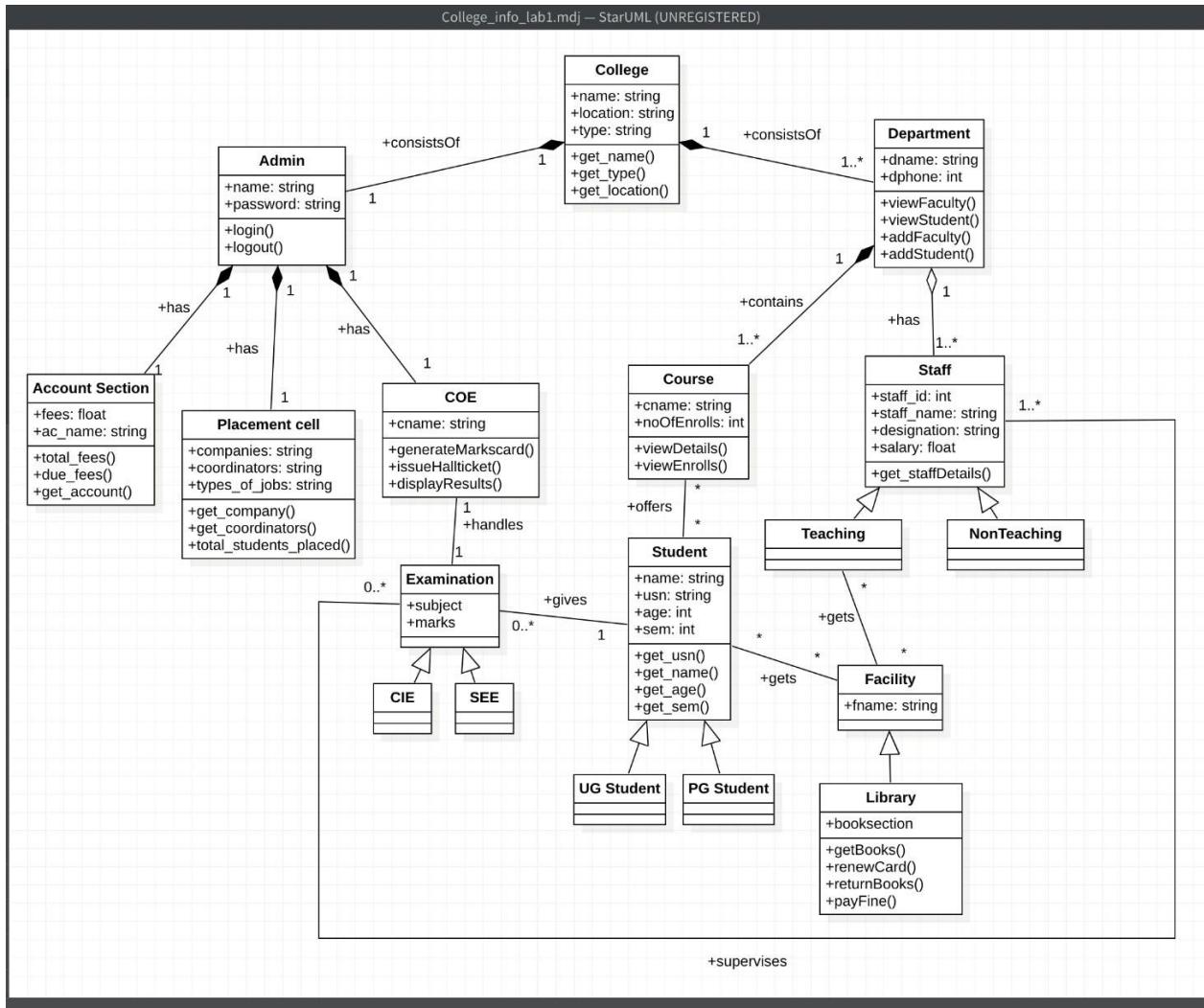
Index Sheet

Sl. No.	Experiment Title	Page No.
1)	College Information System	4-13
2)	Hostel Management System	14-23
3)	Stock Maintenance System	24-33
4)	Coffee Vending Machine	34-43
5)	Online Shopping System	44-53
6)	Railway Reservation System	54-63
7)	Graphics Editor	64-73

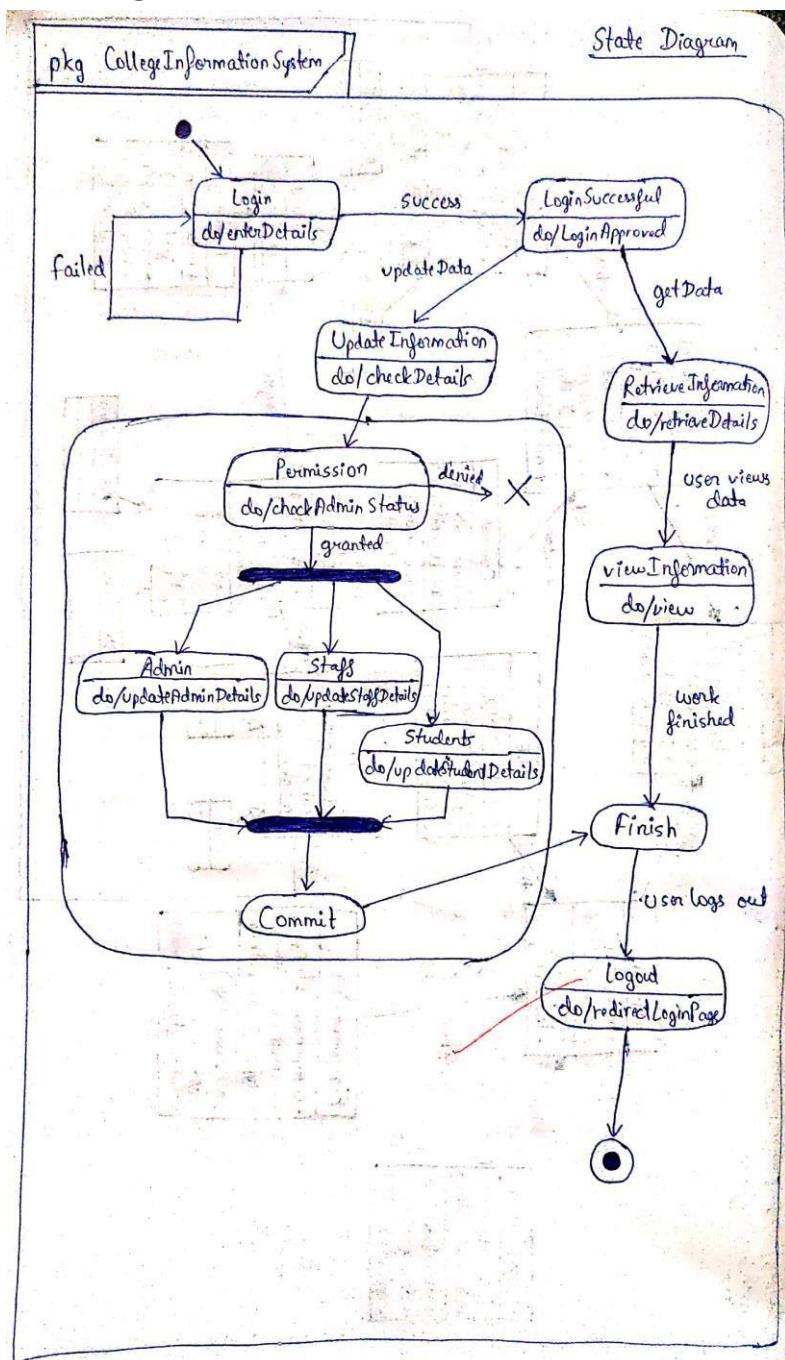
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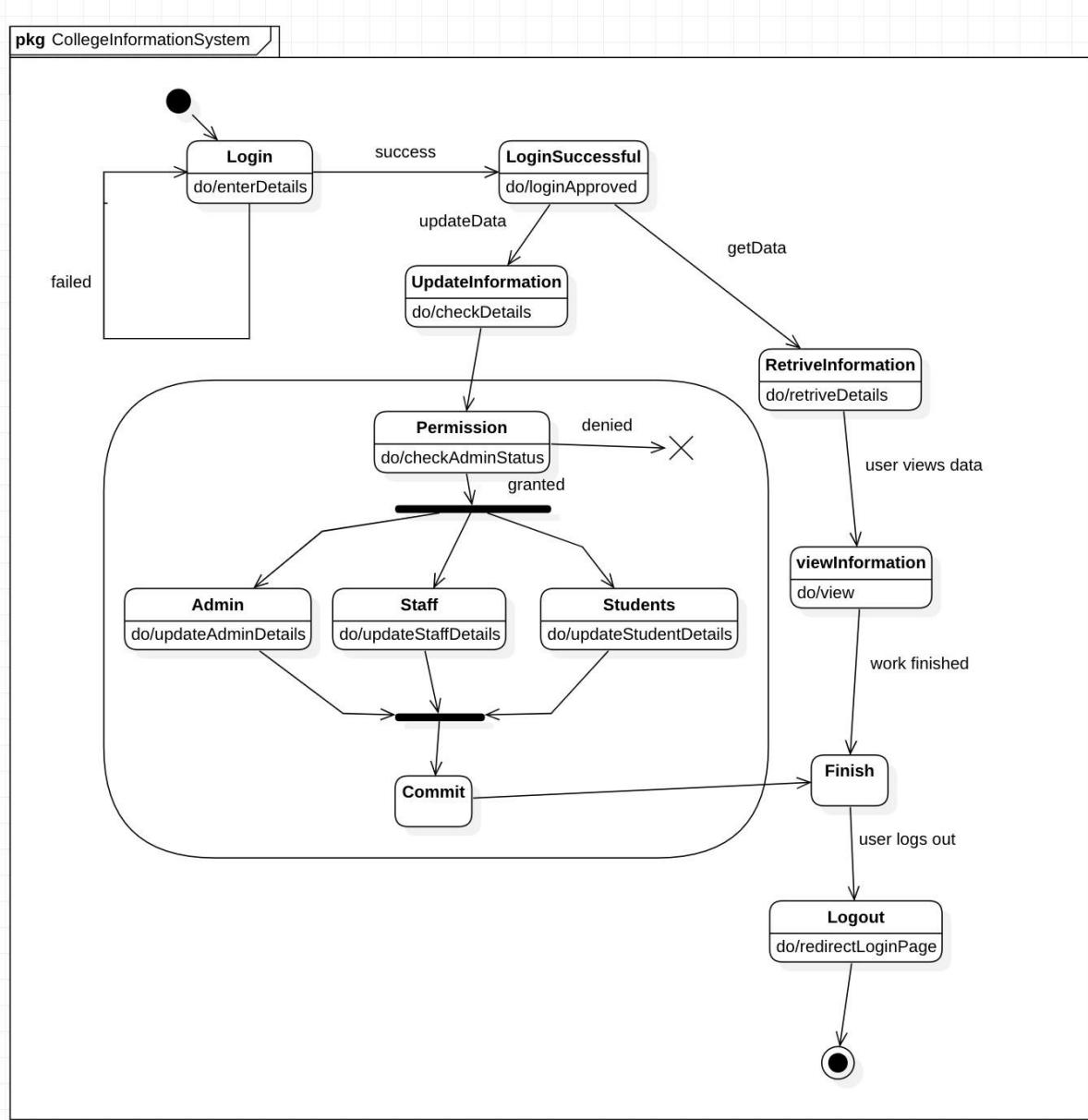
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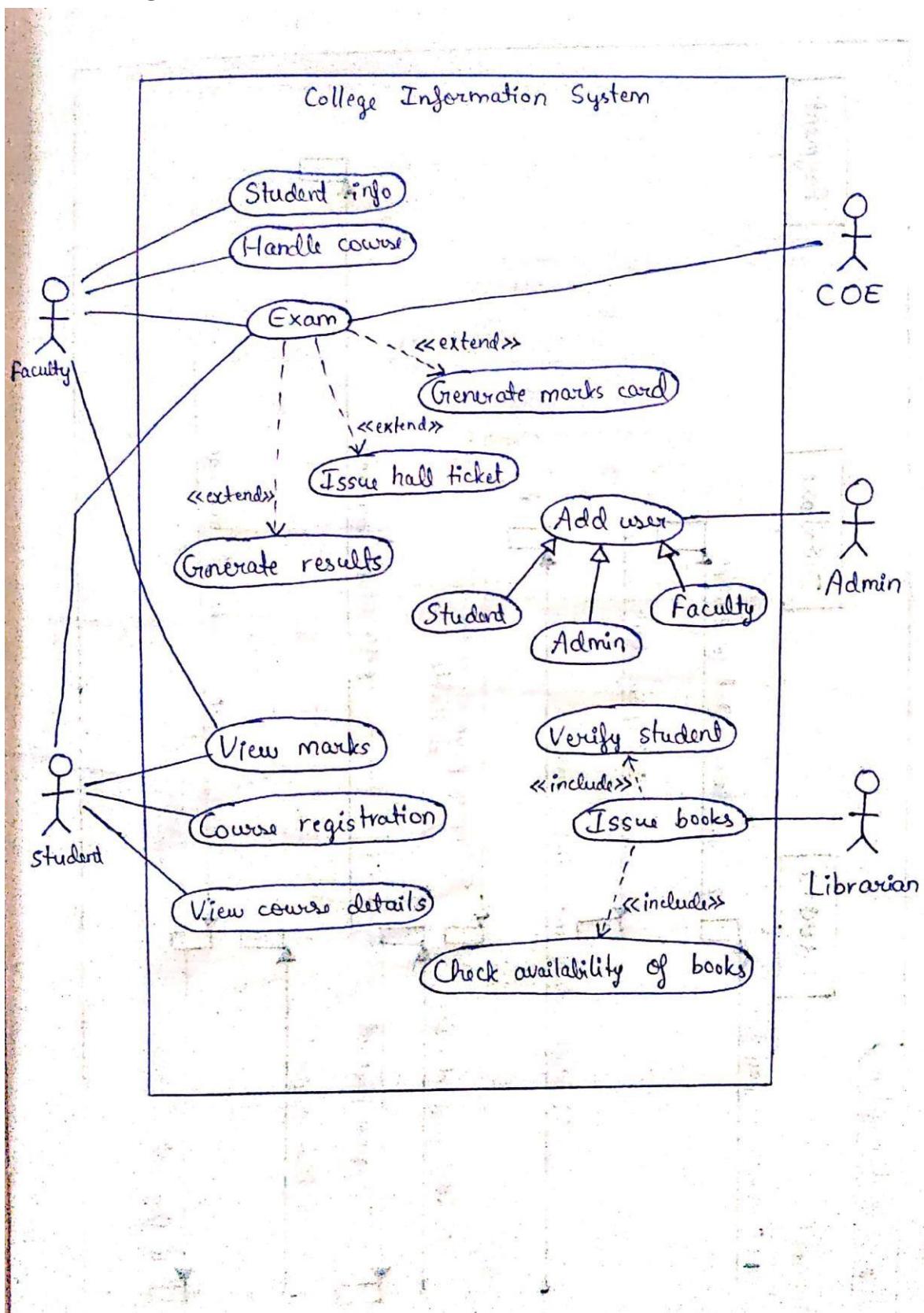


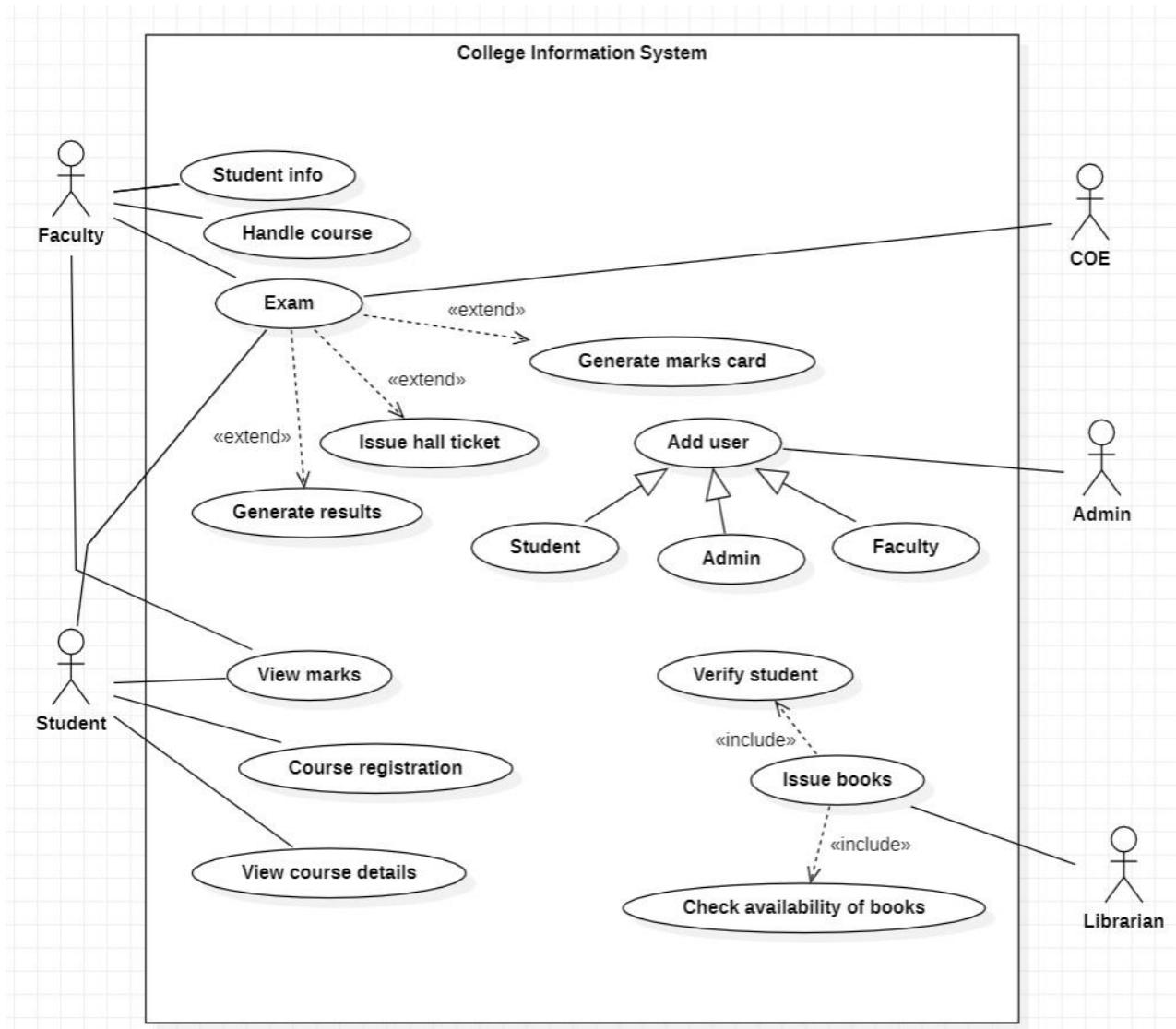
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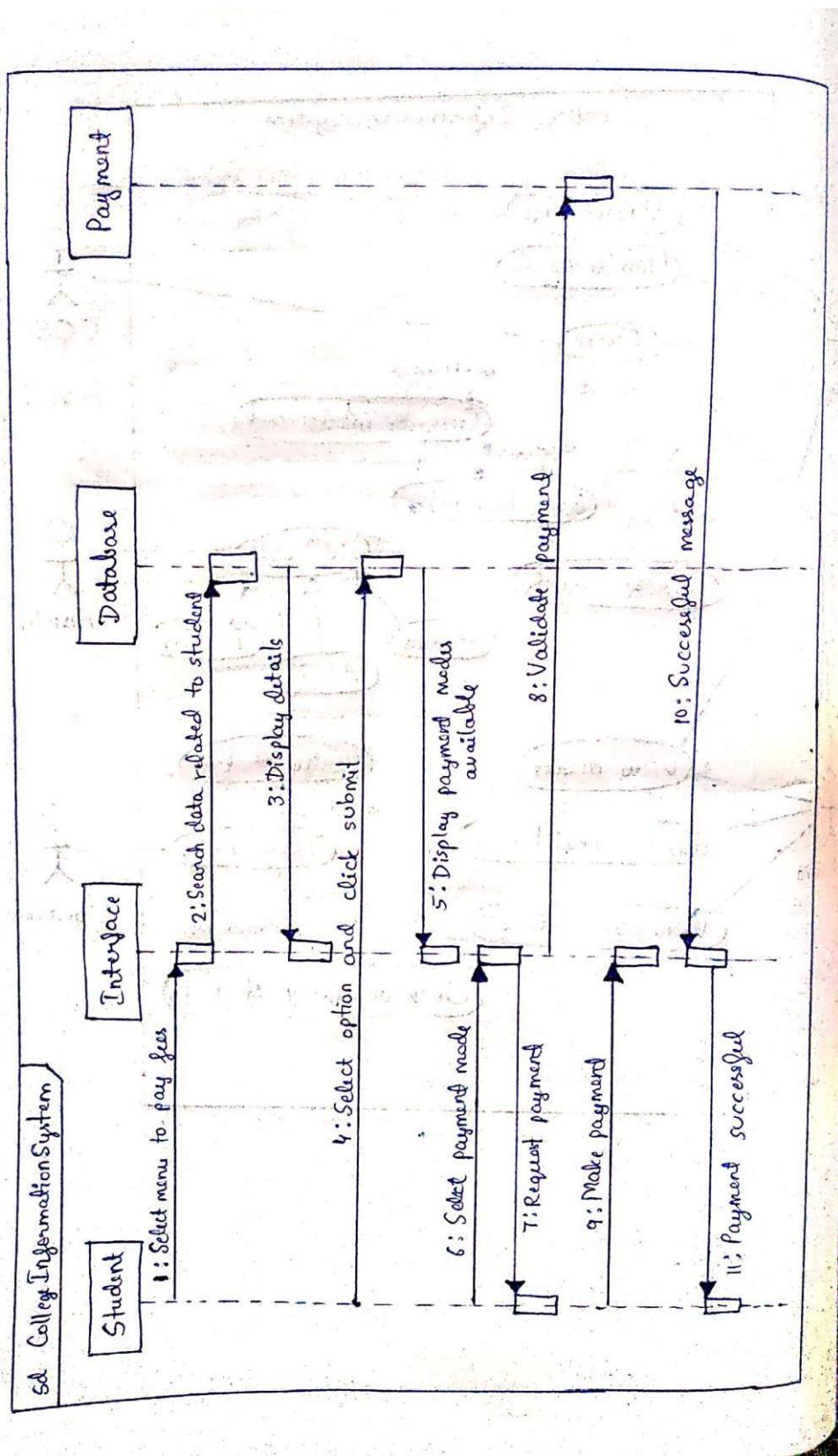


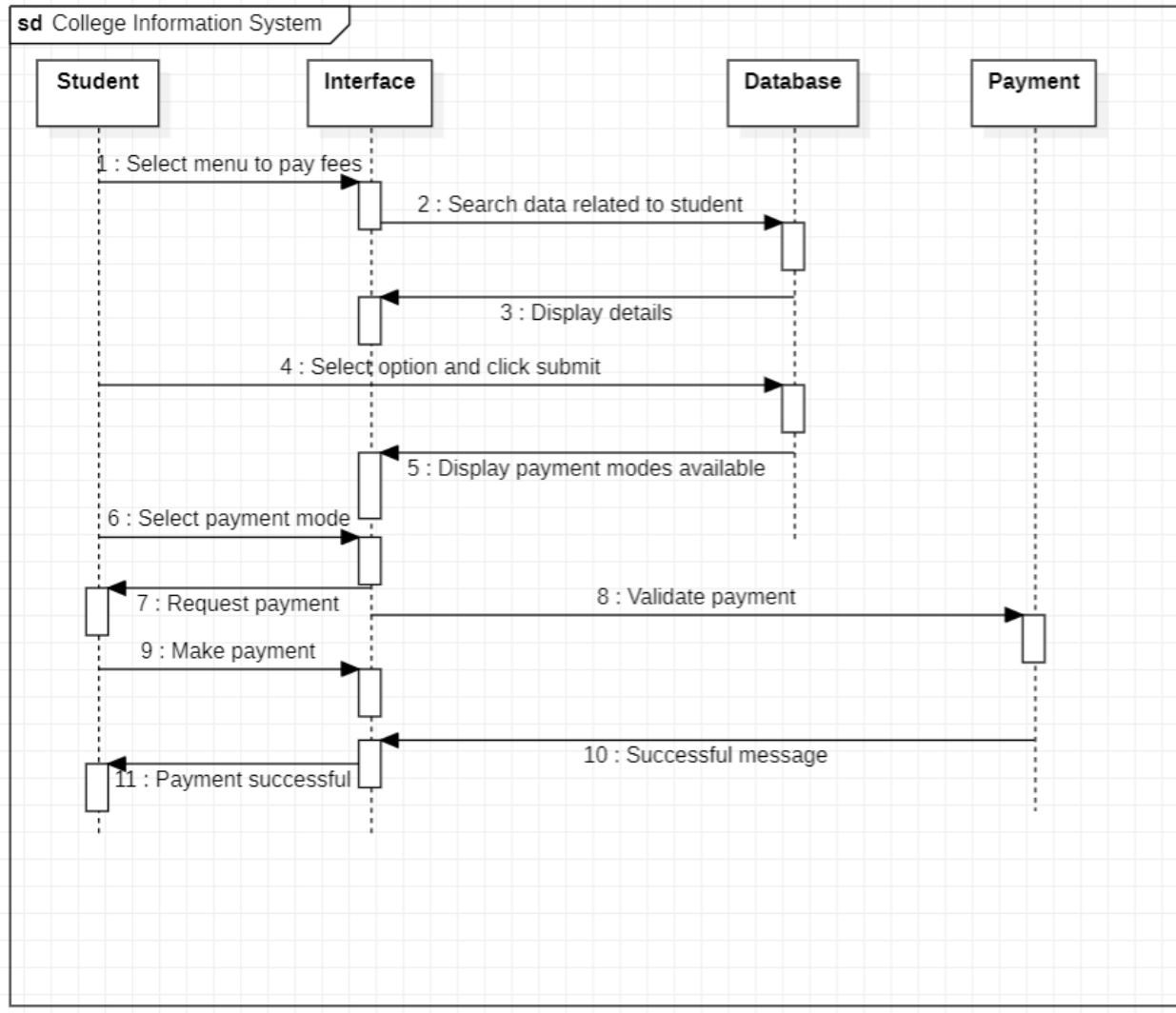
Use Case Diagram :



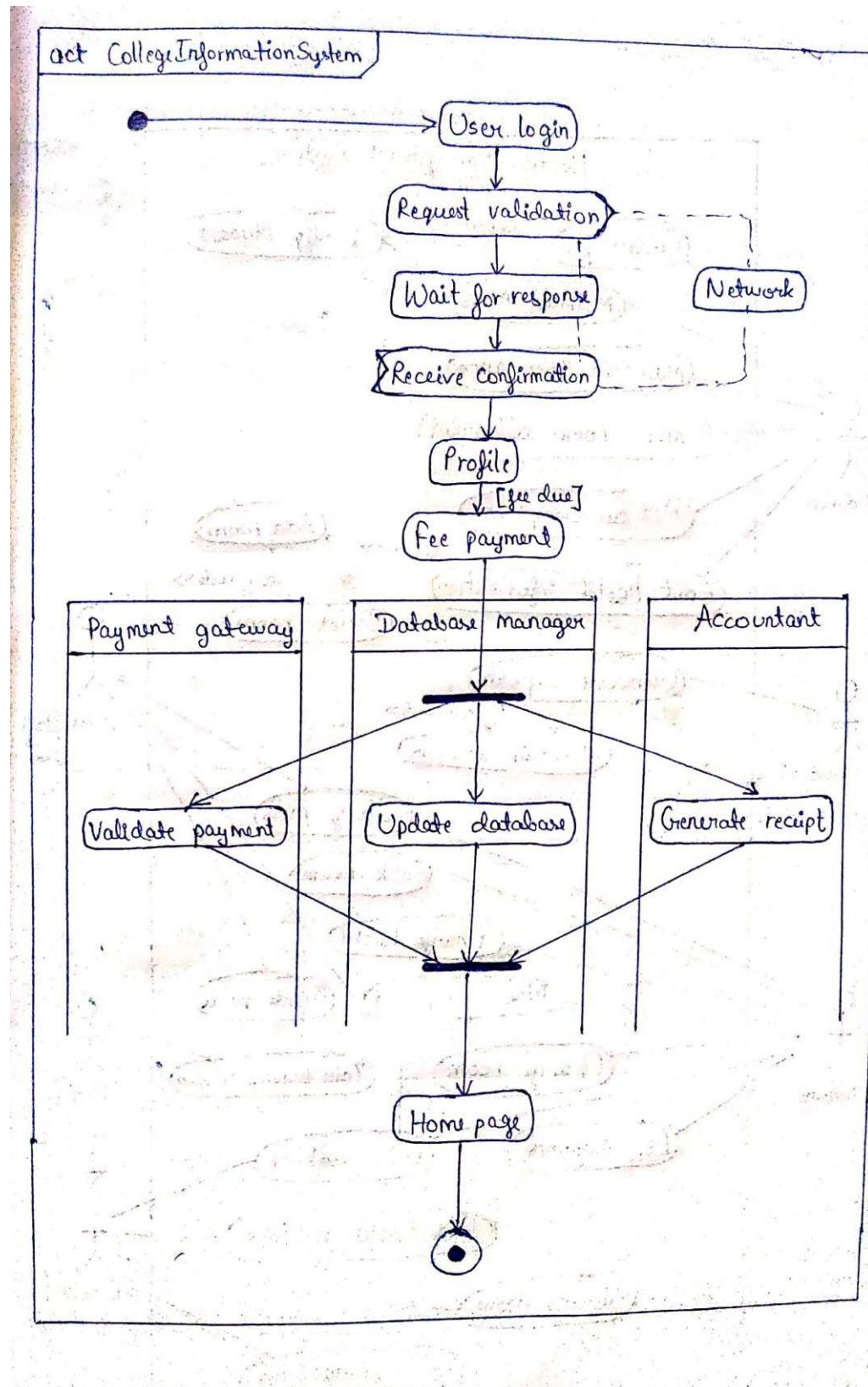


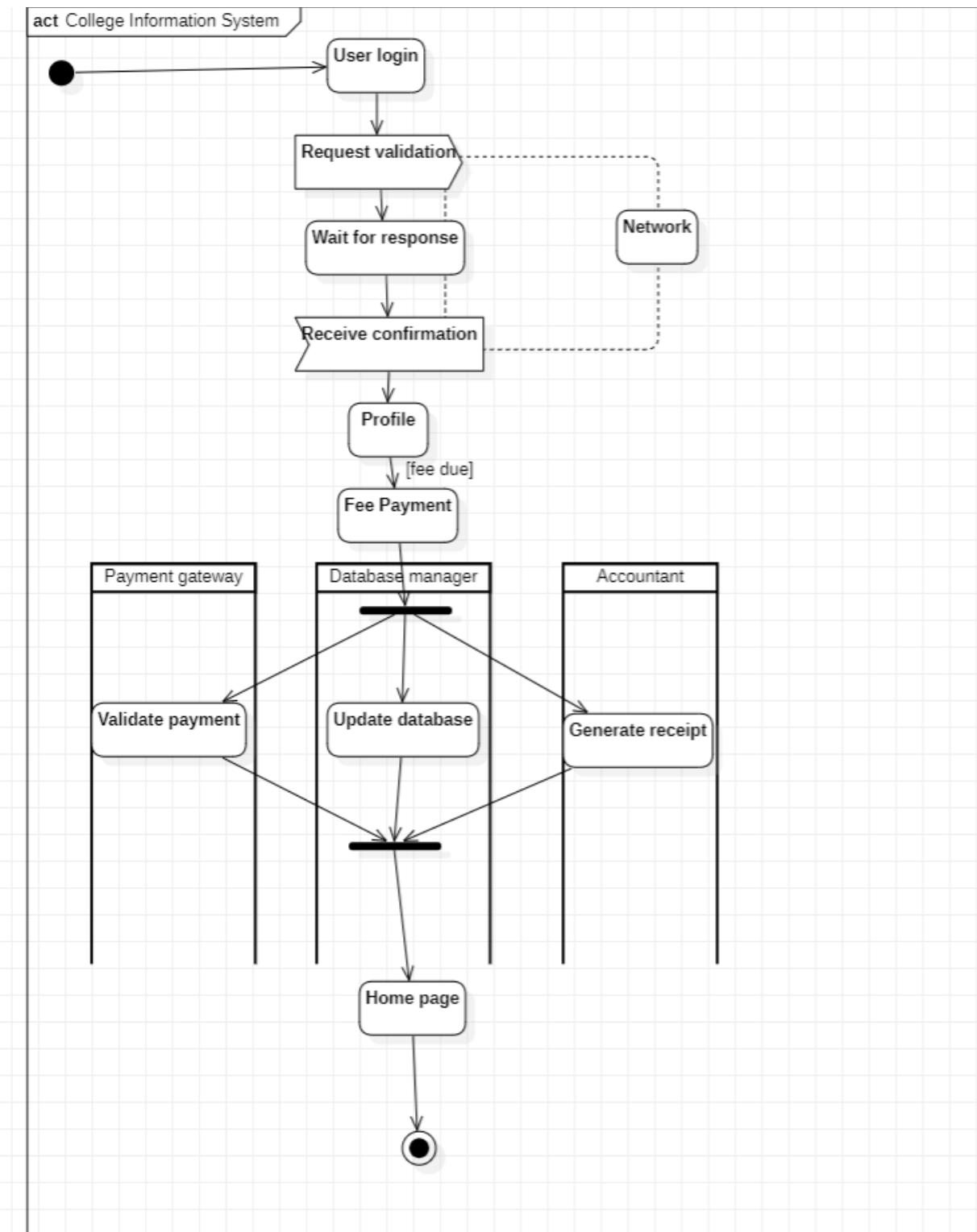
Sequence Diagram:





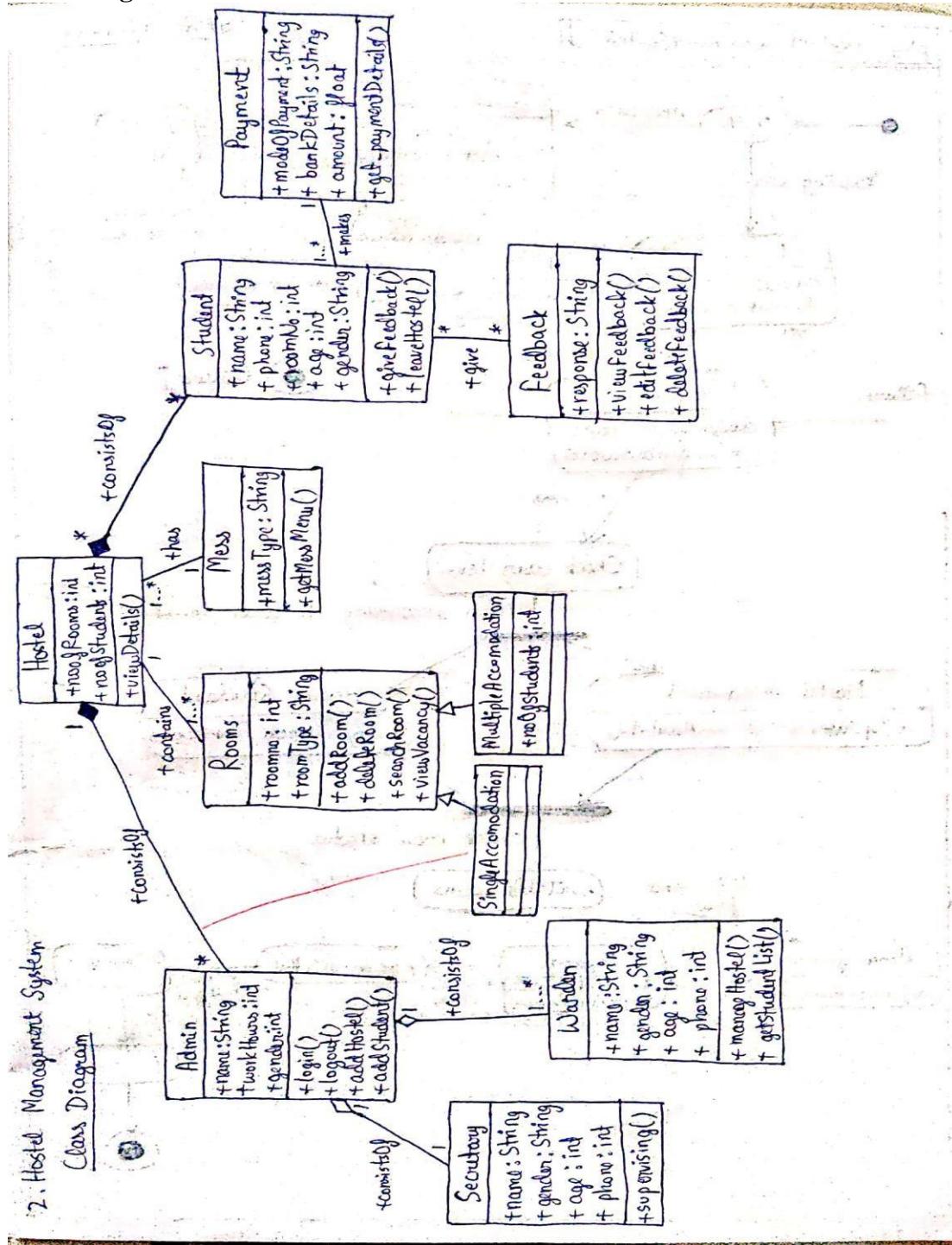
Activity Diagram:

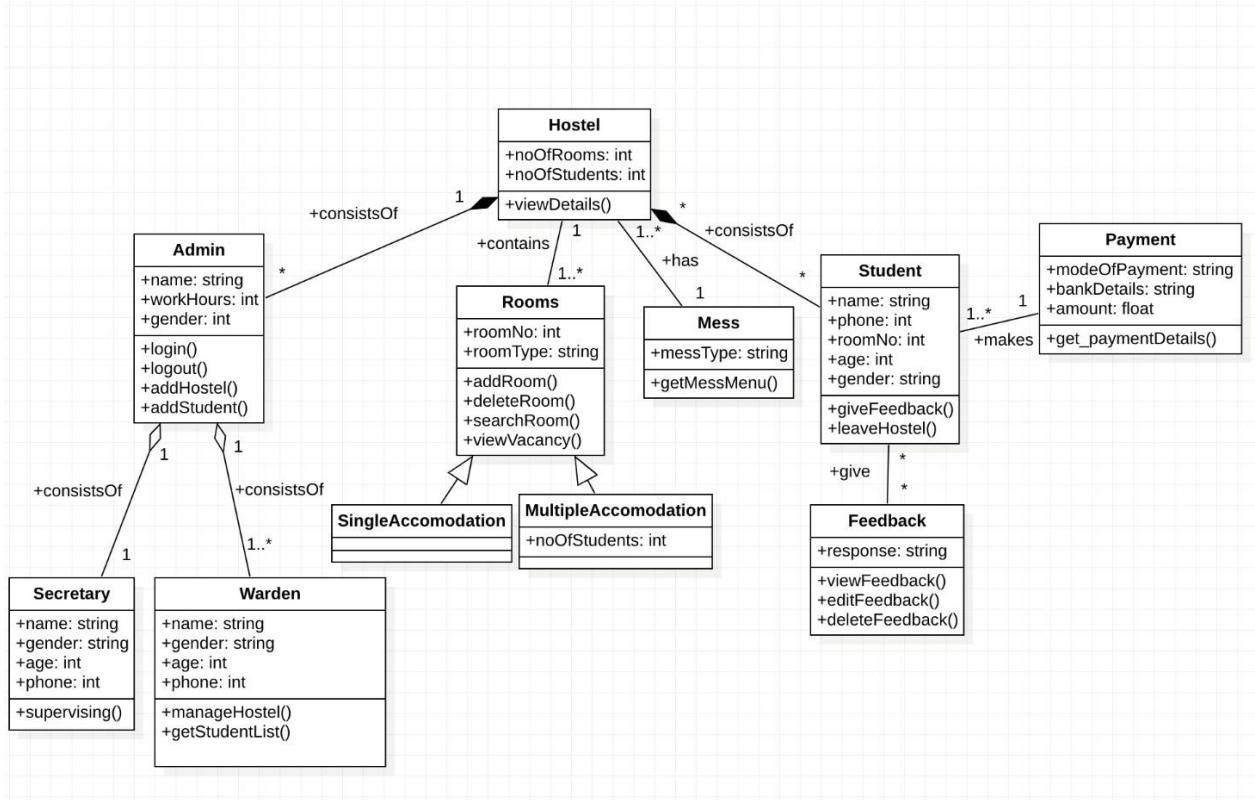




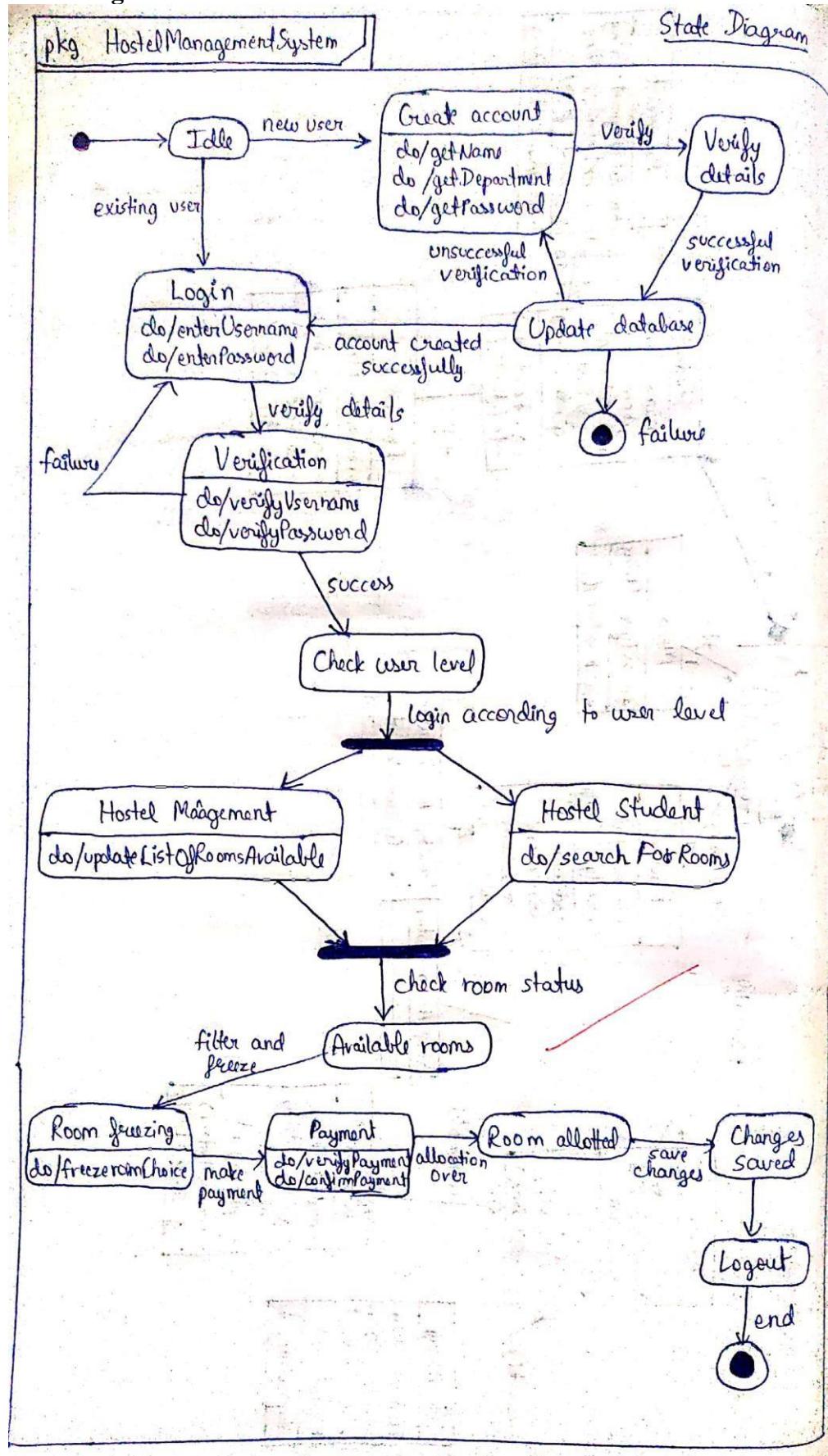
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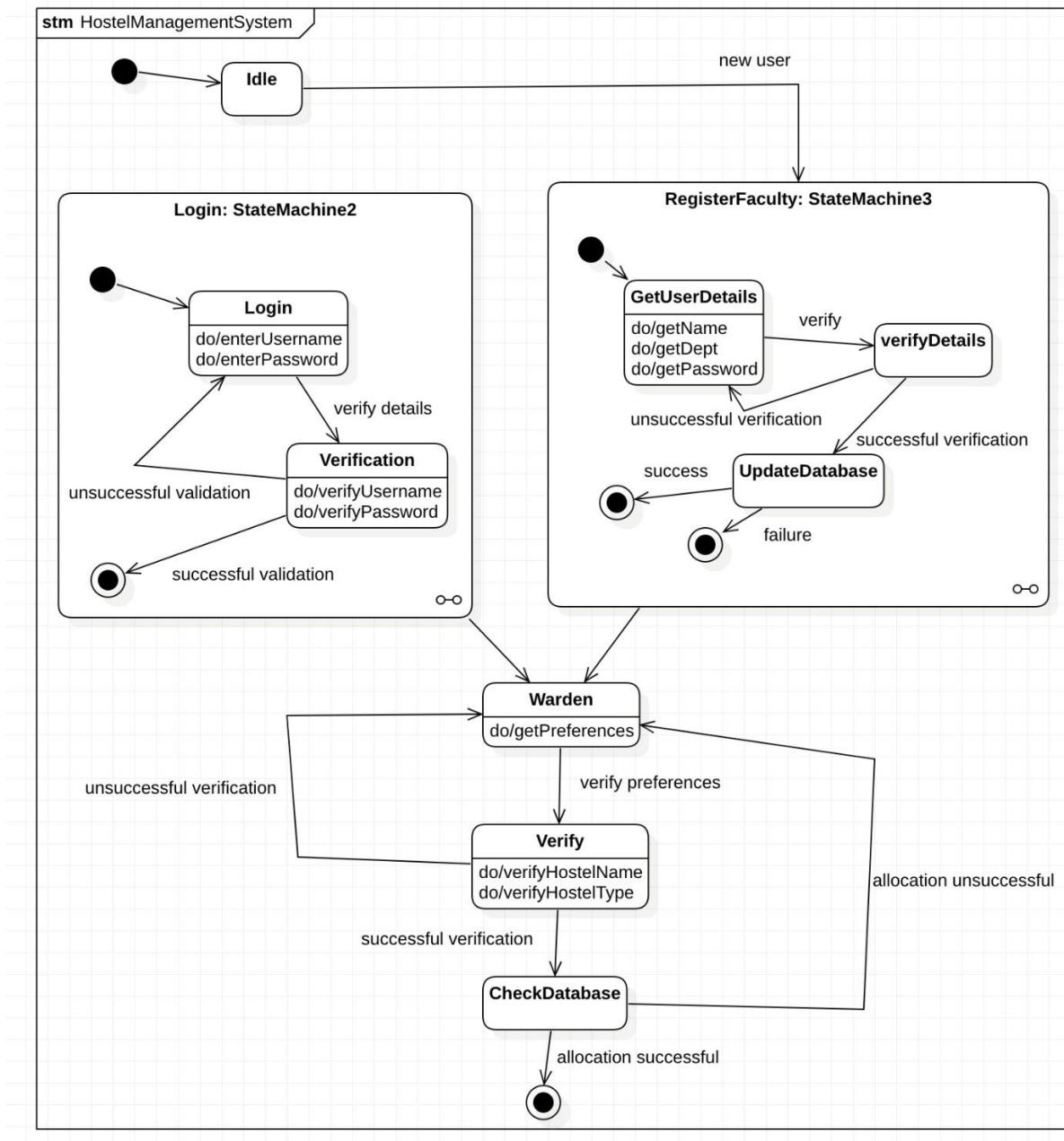
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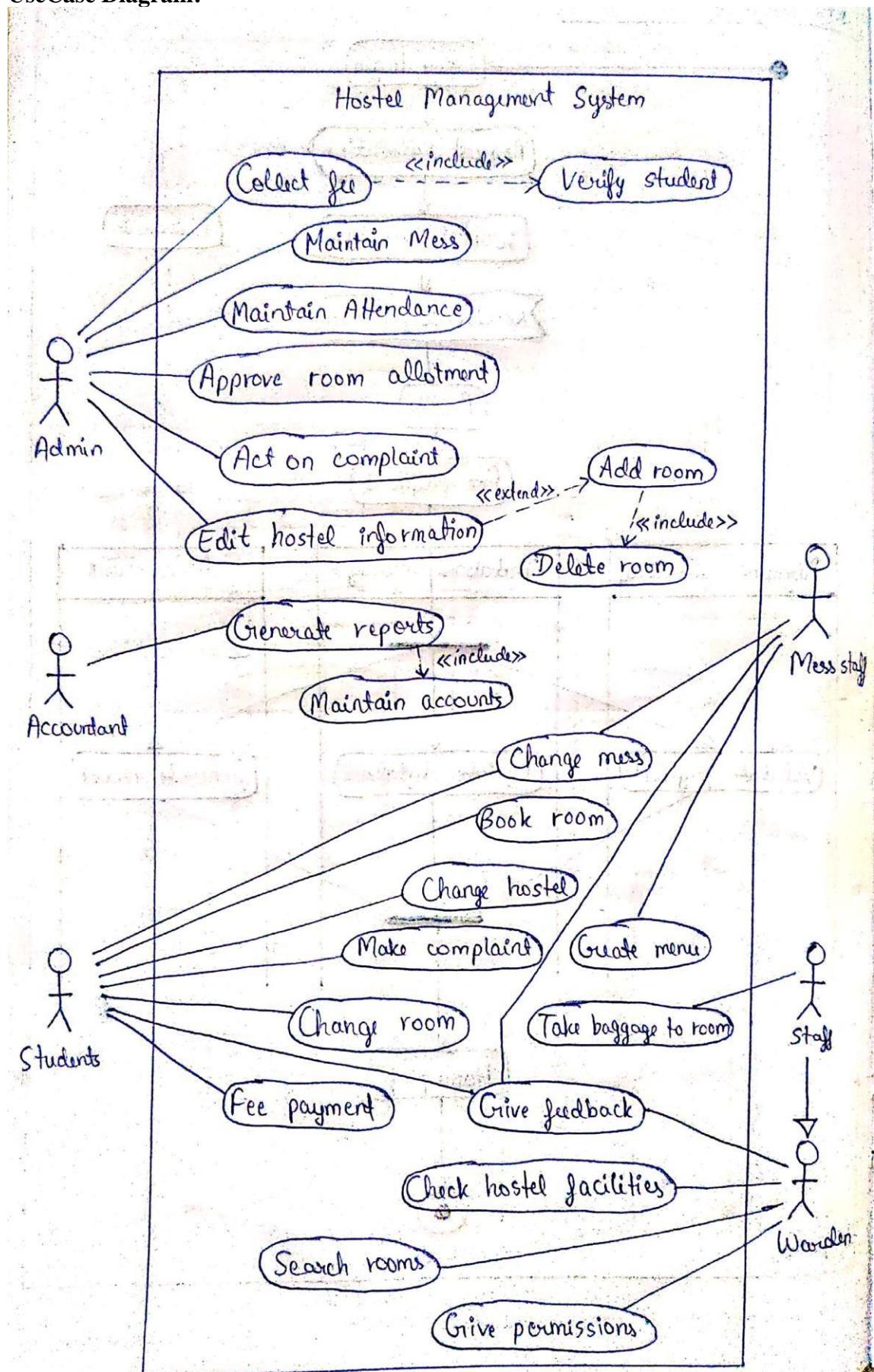


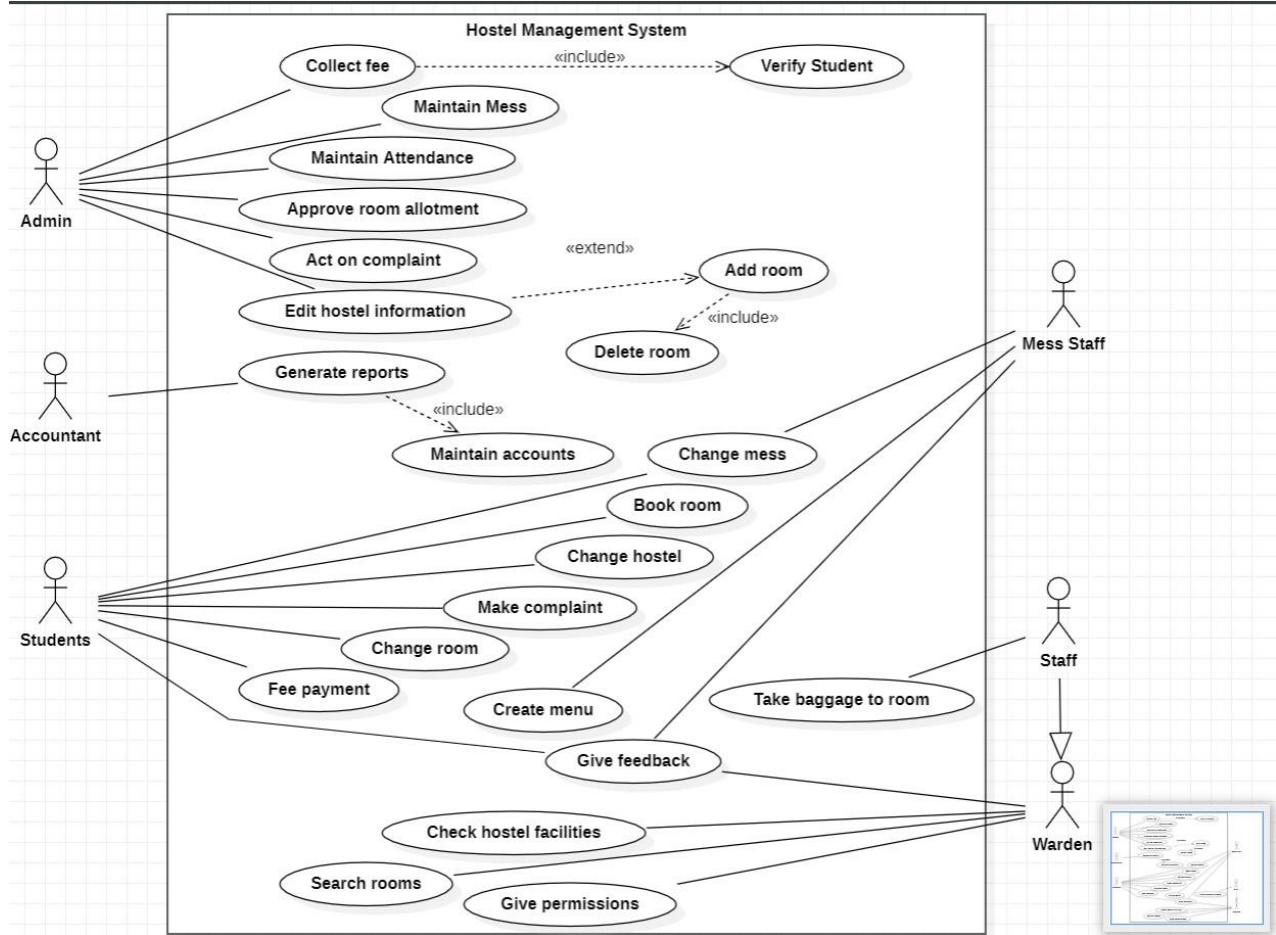
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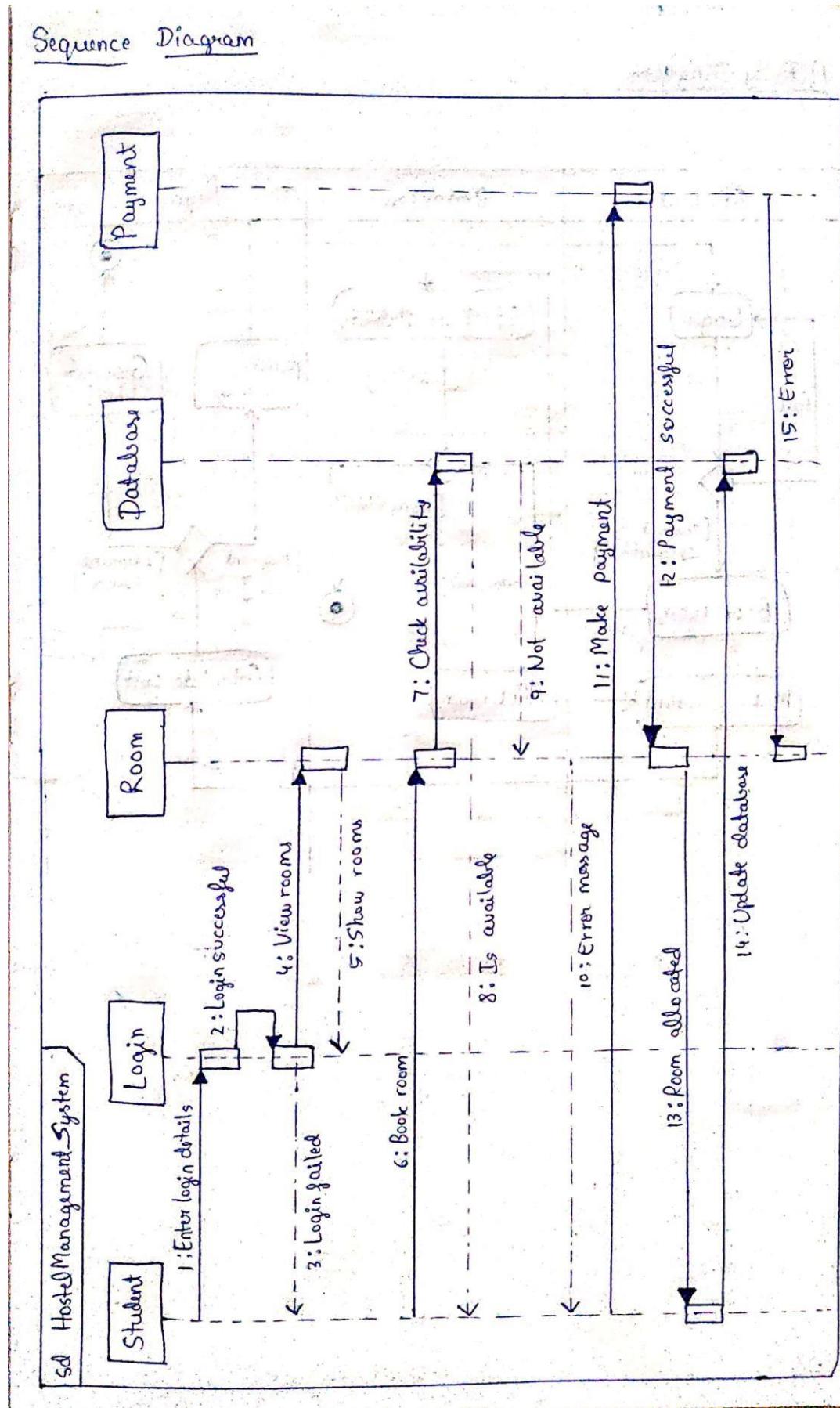


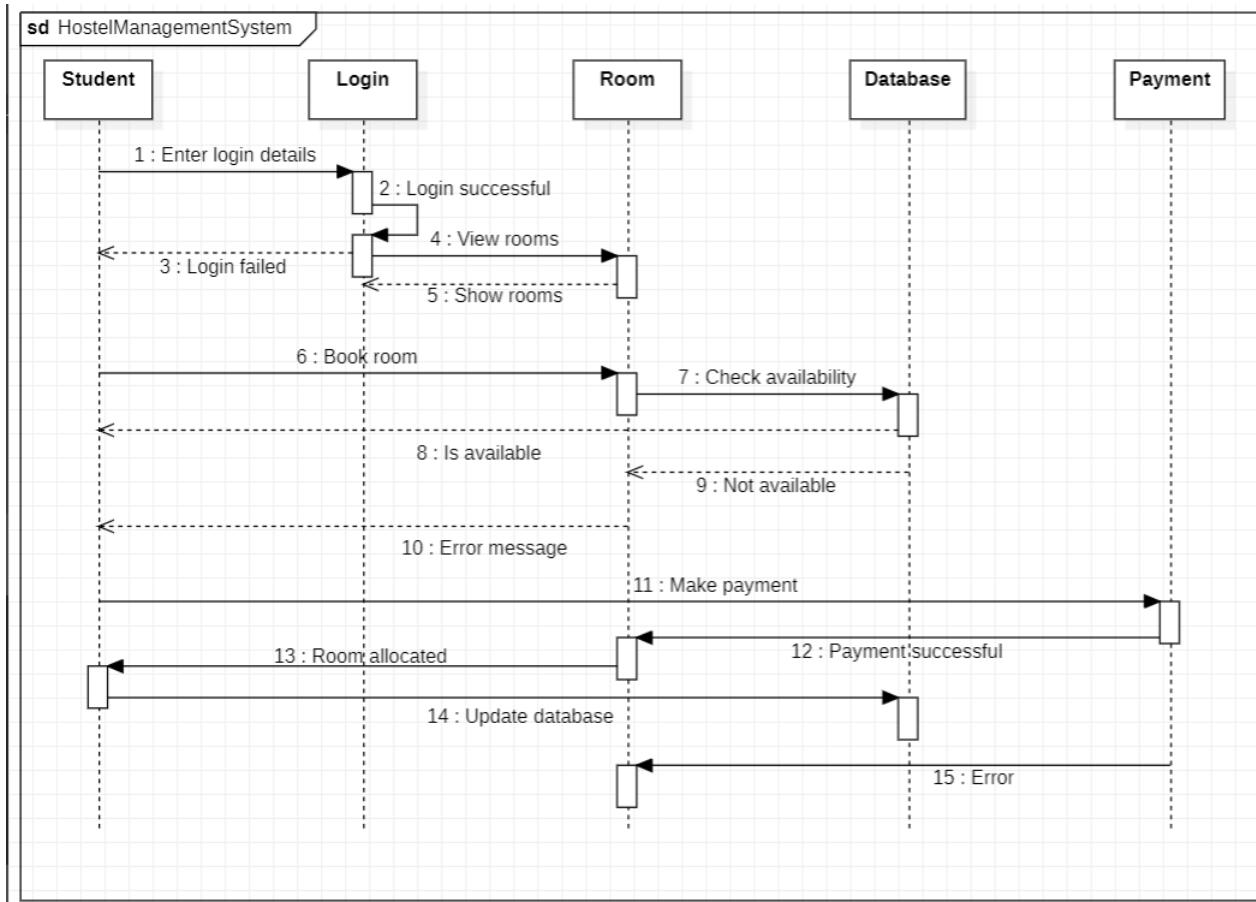
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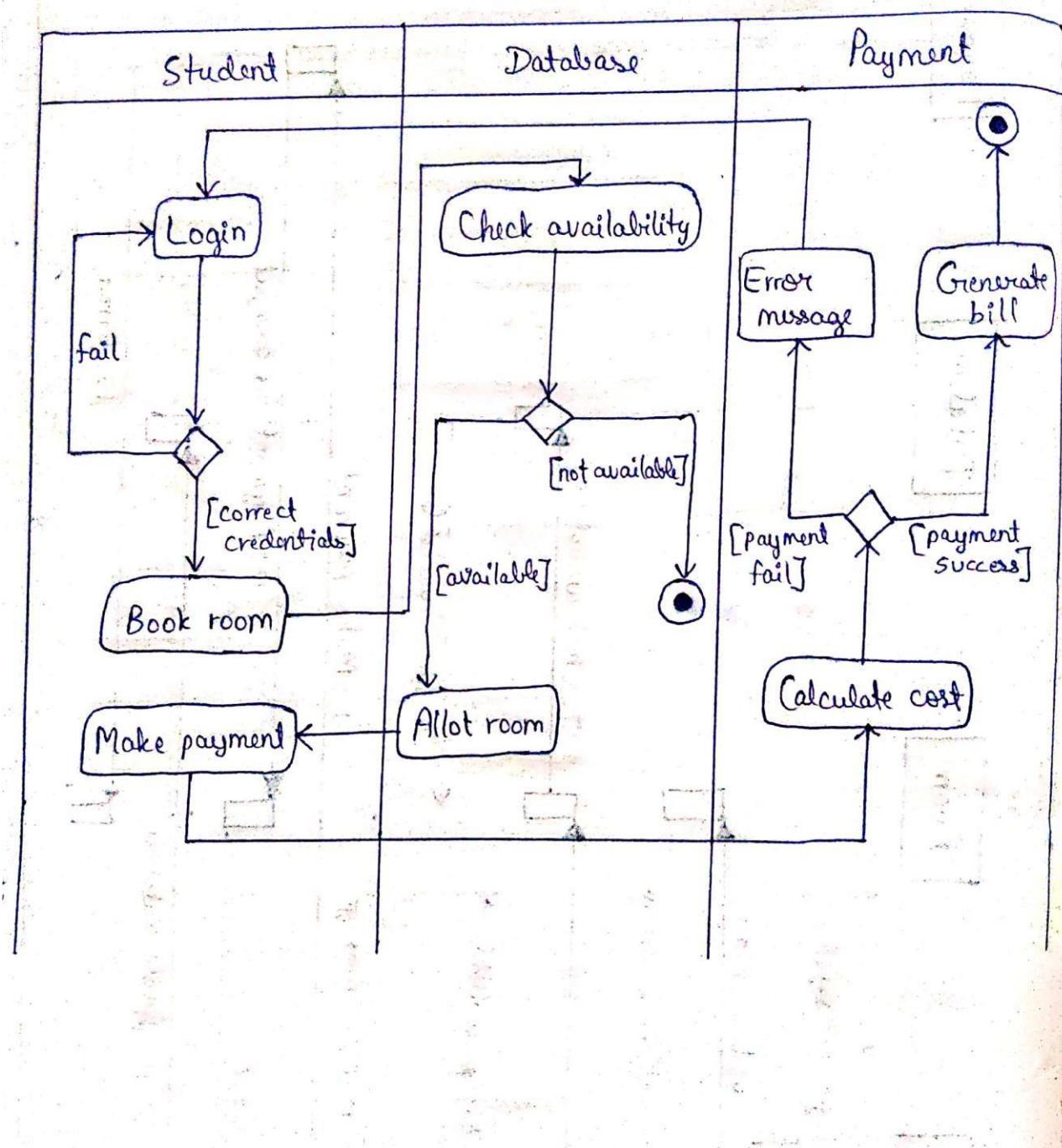


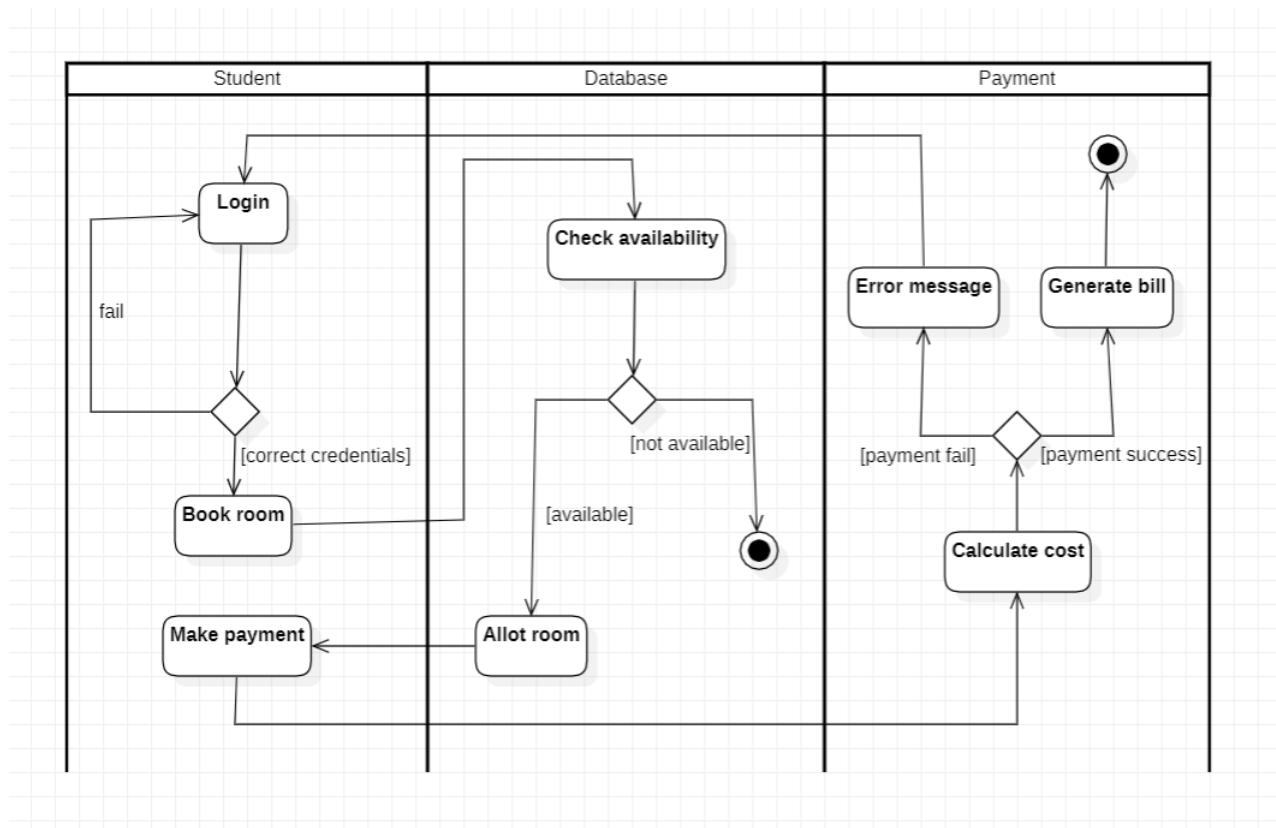
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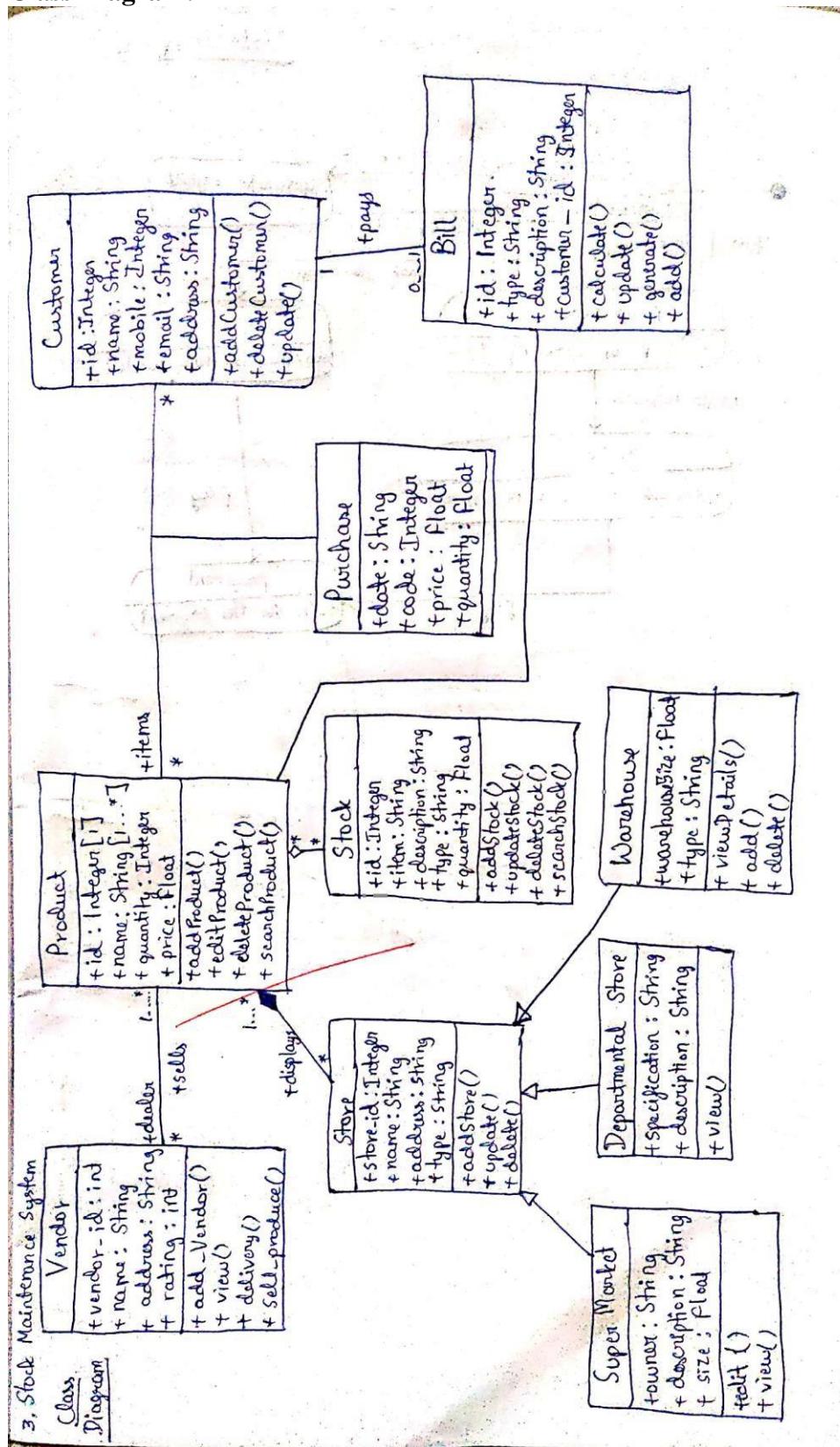
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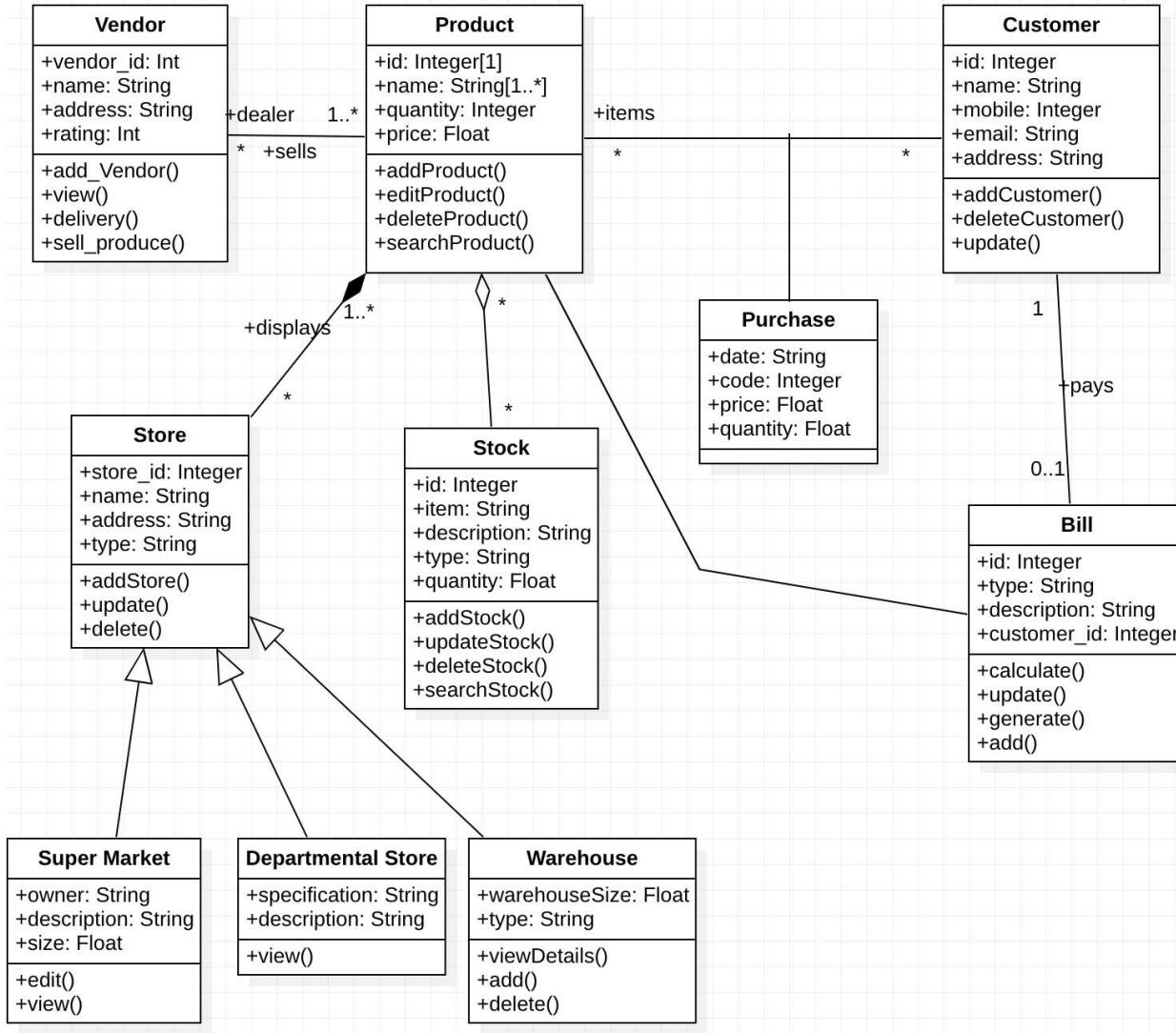




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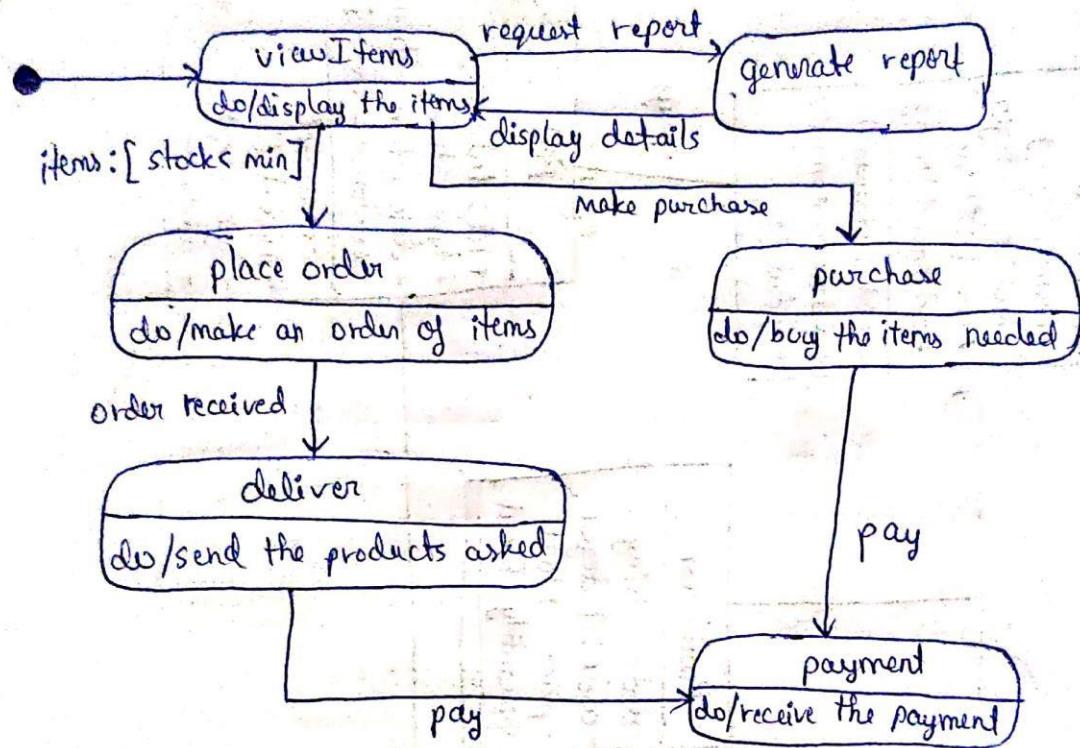
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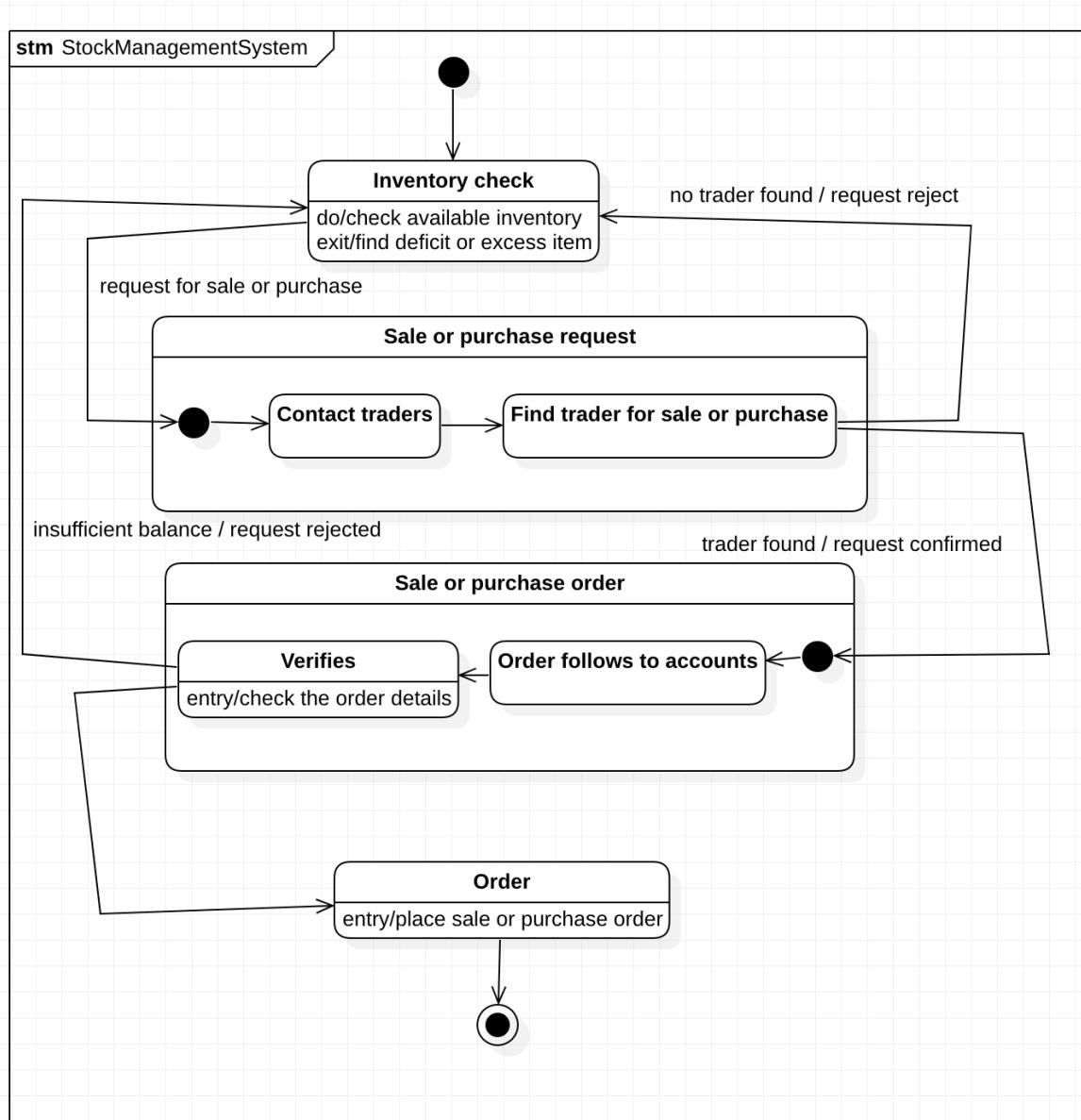




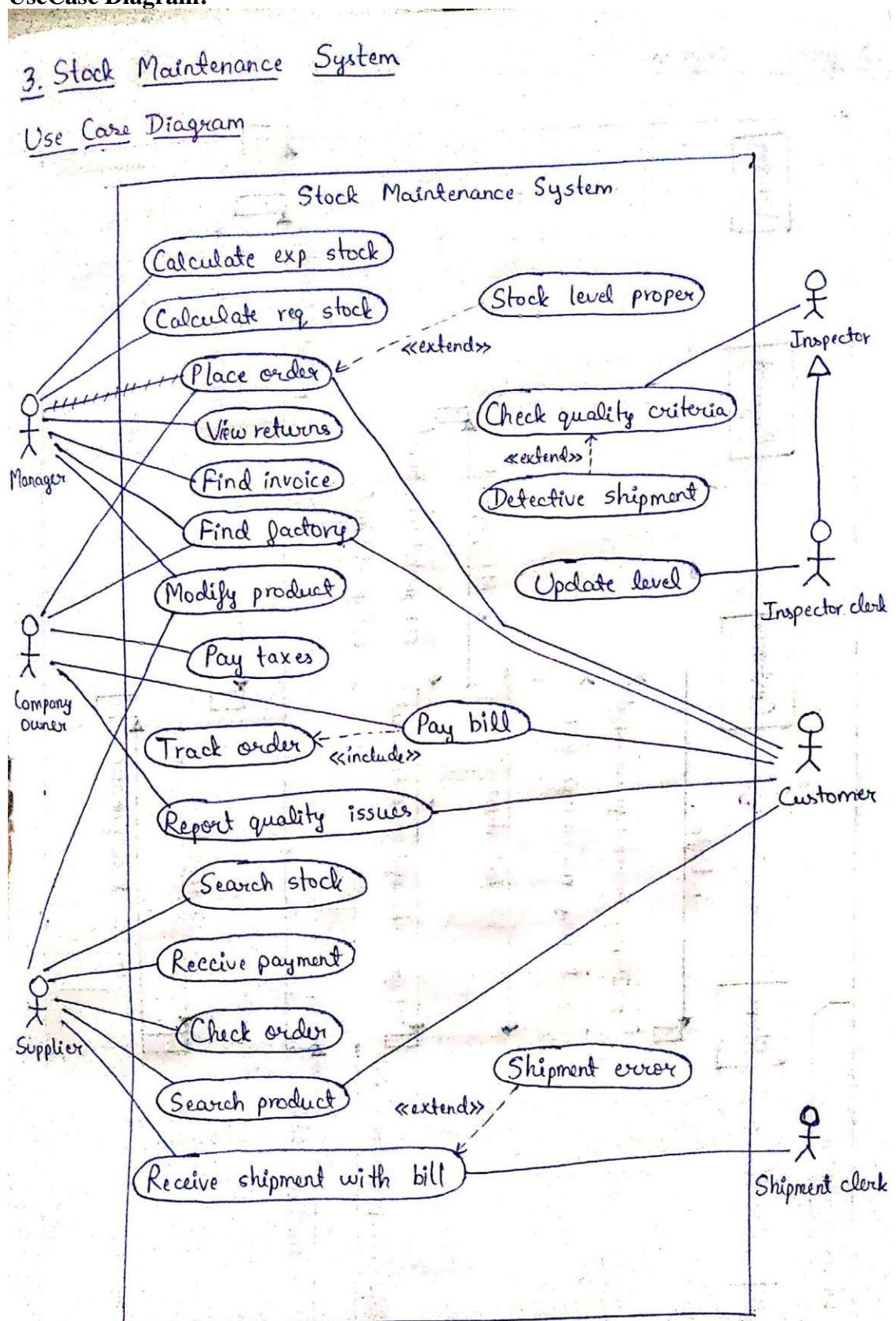
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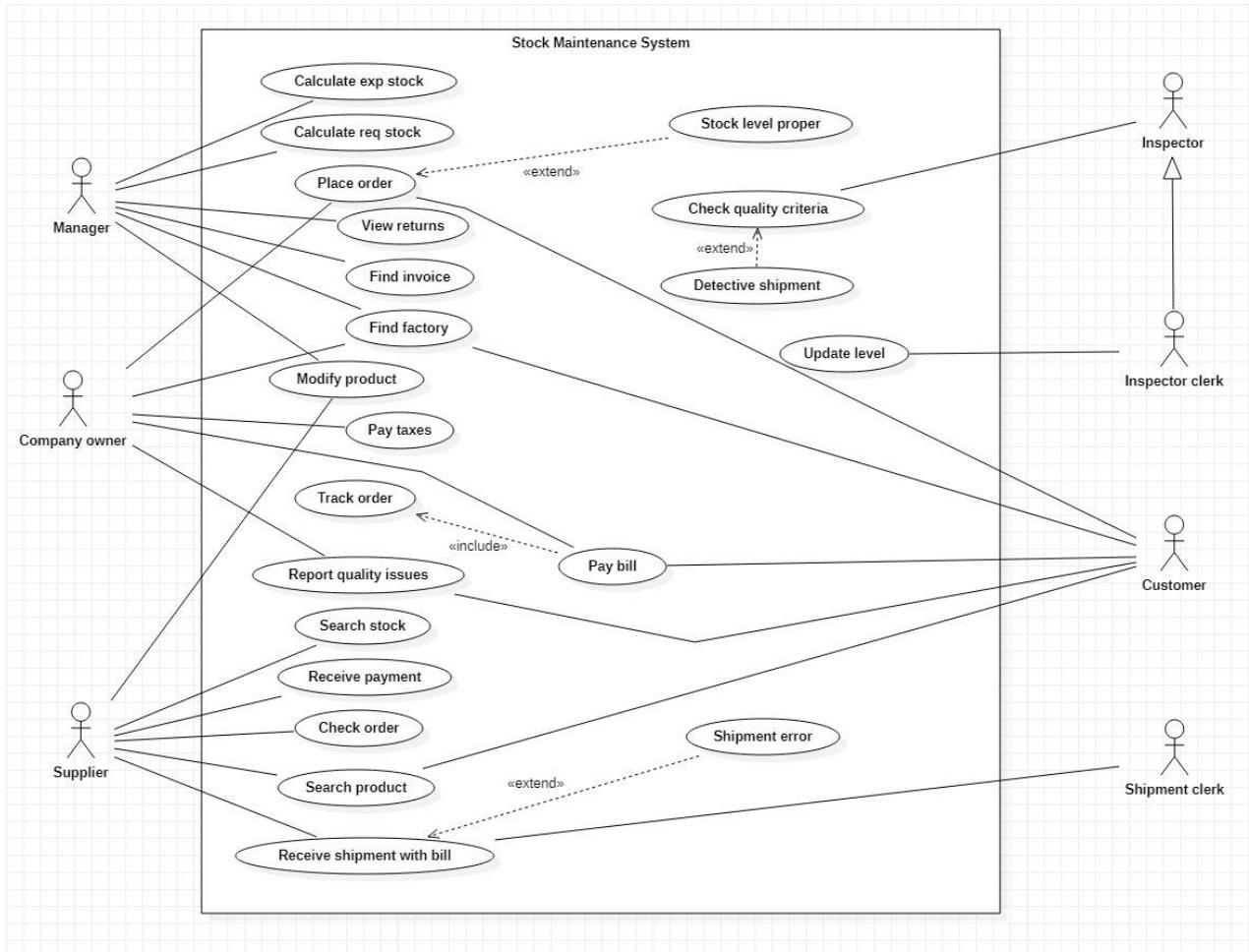
State Diagram



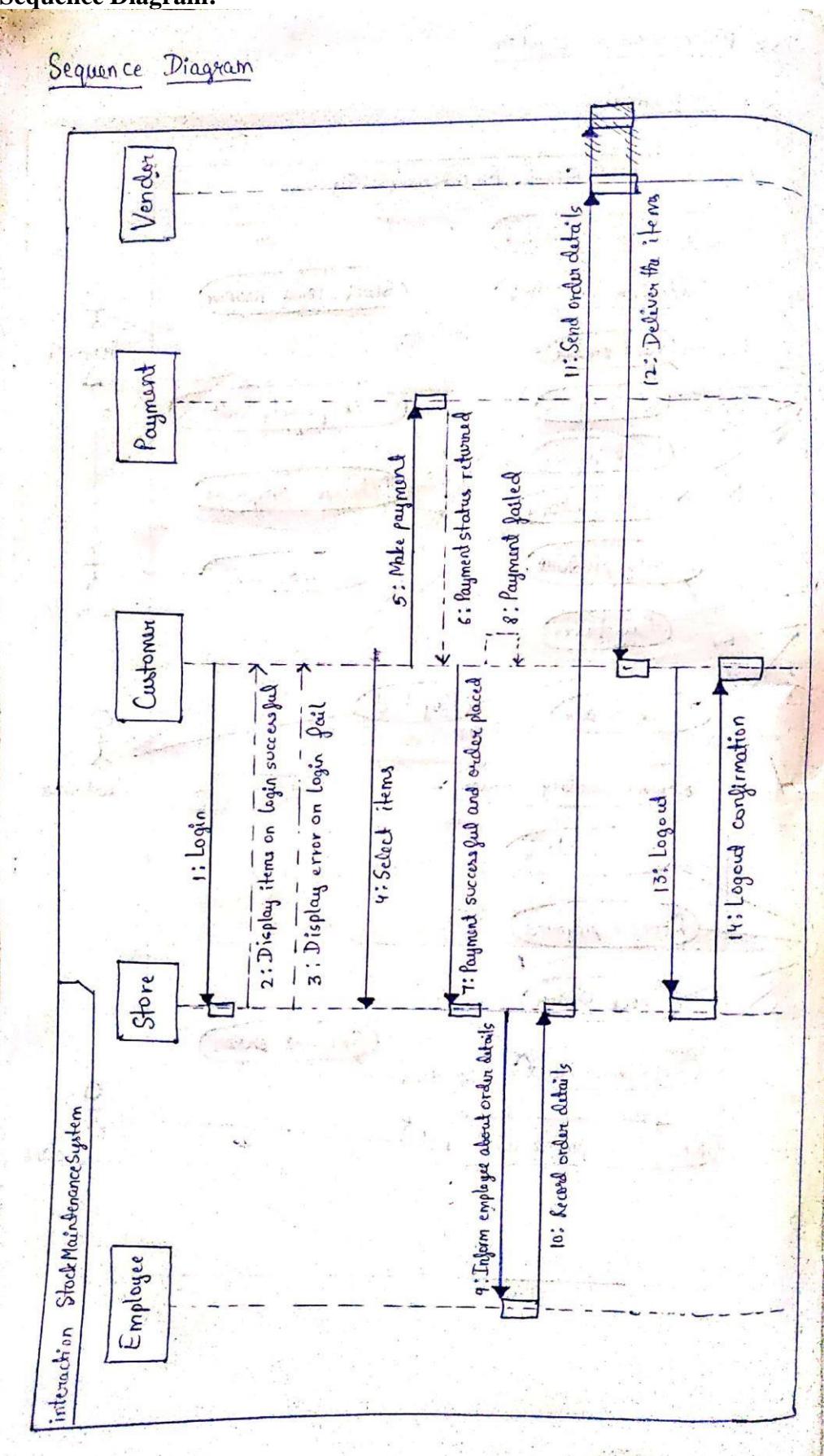


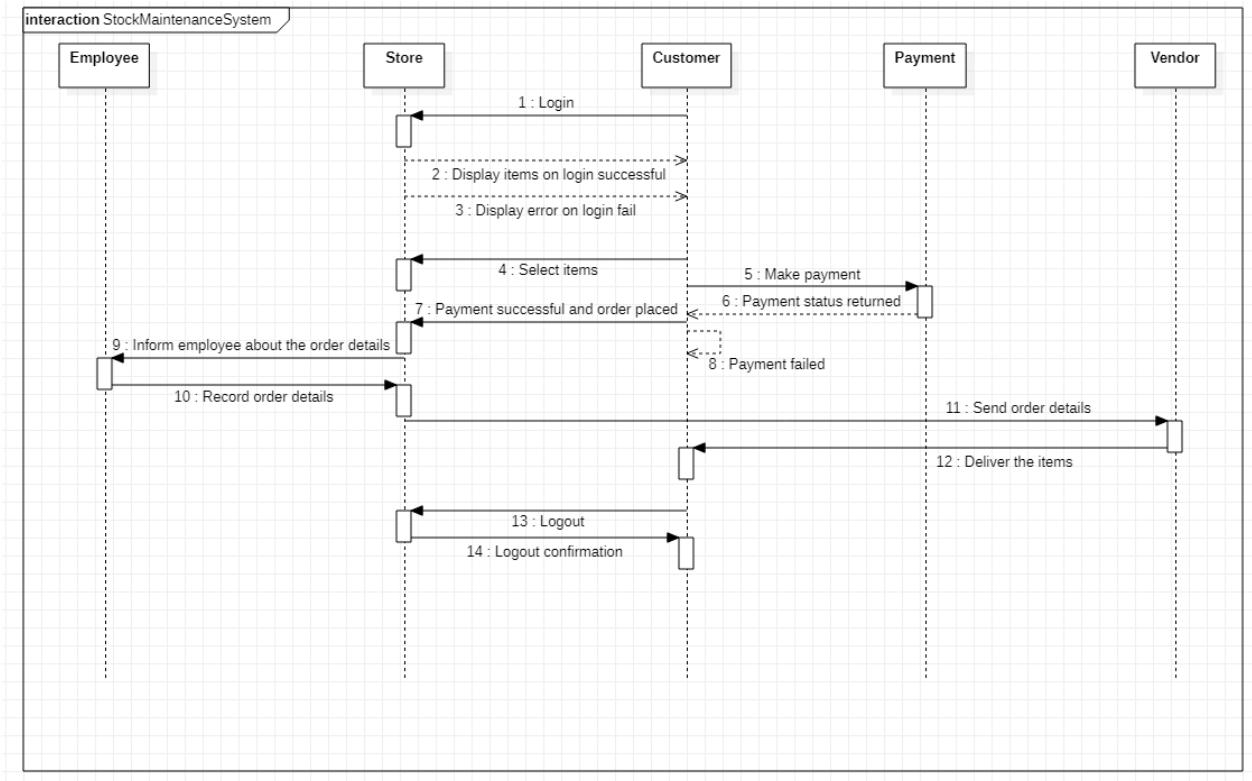
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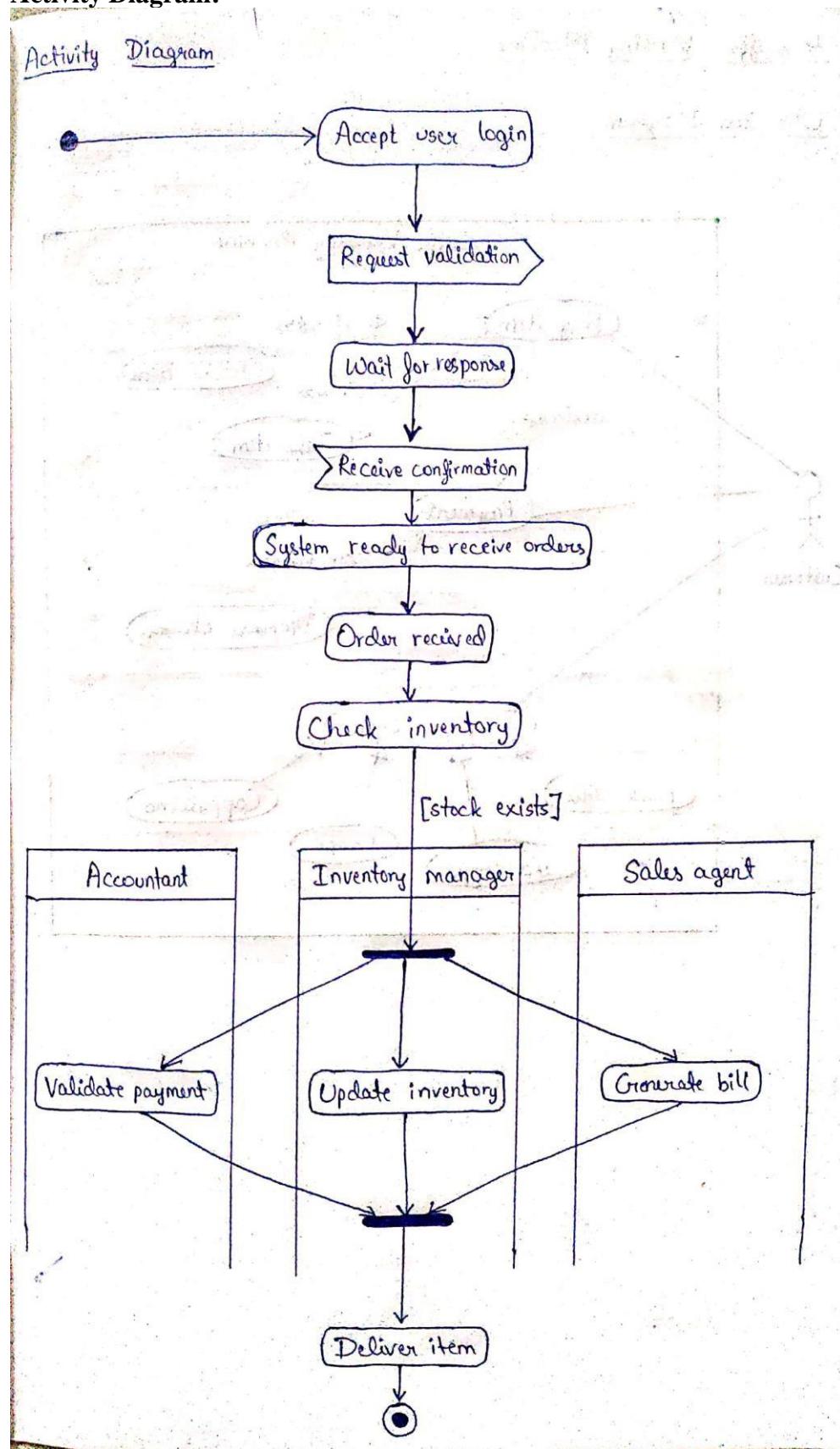


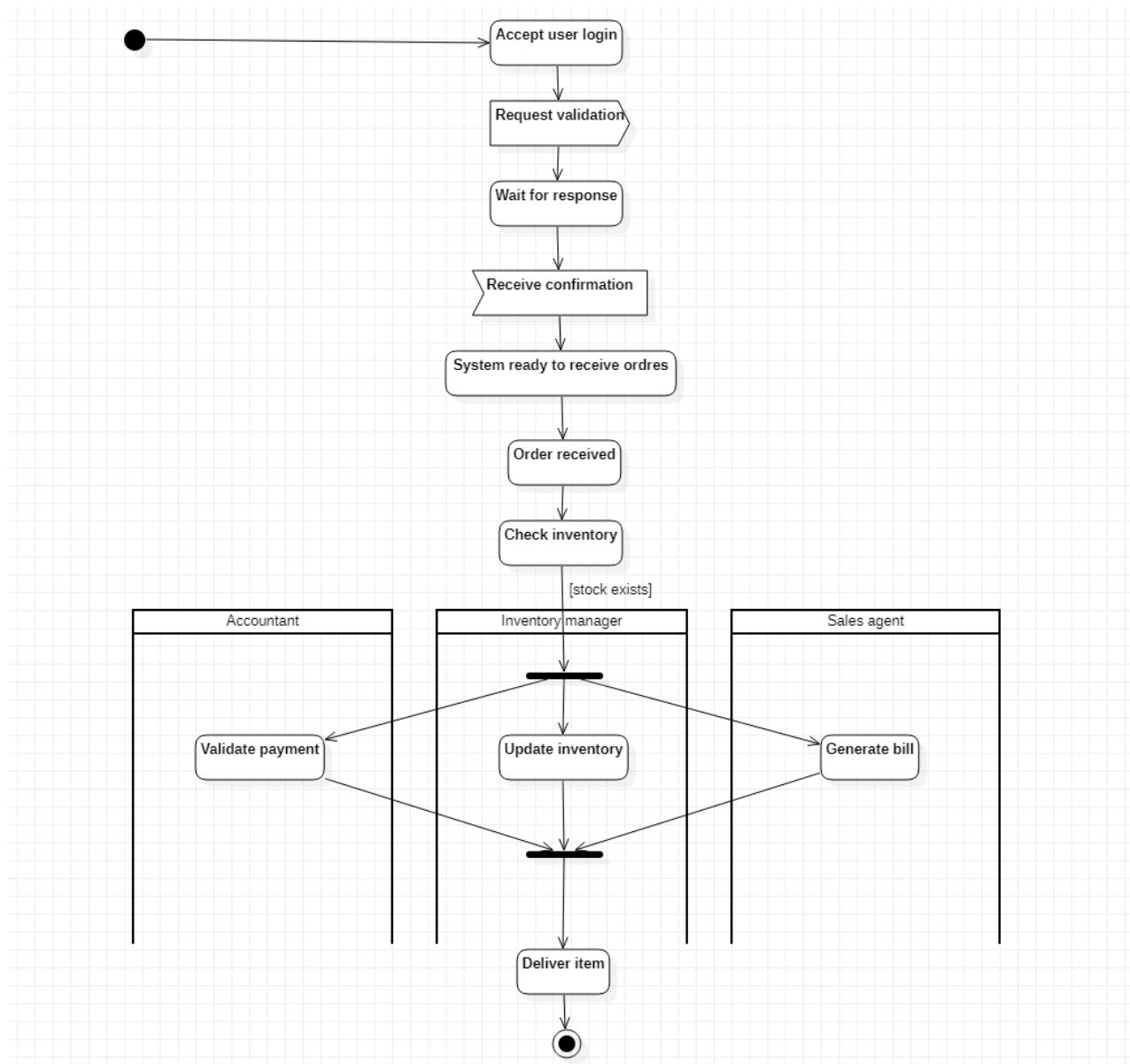
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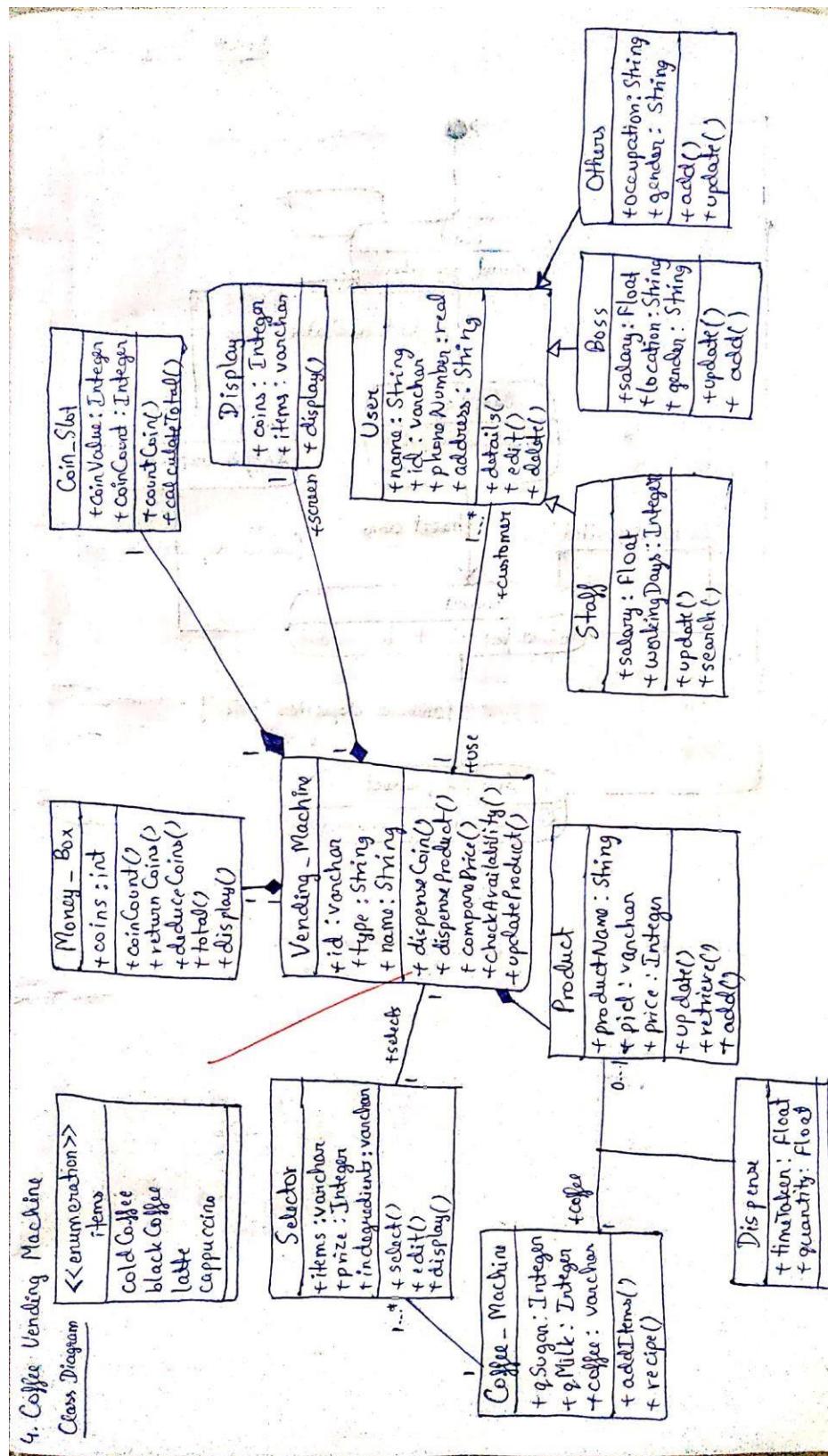
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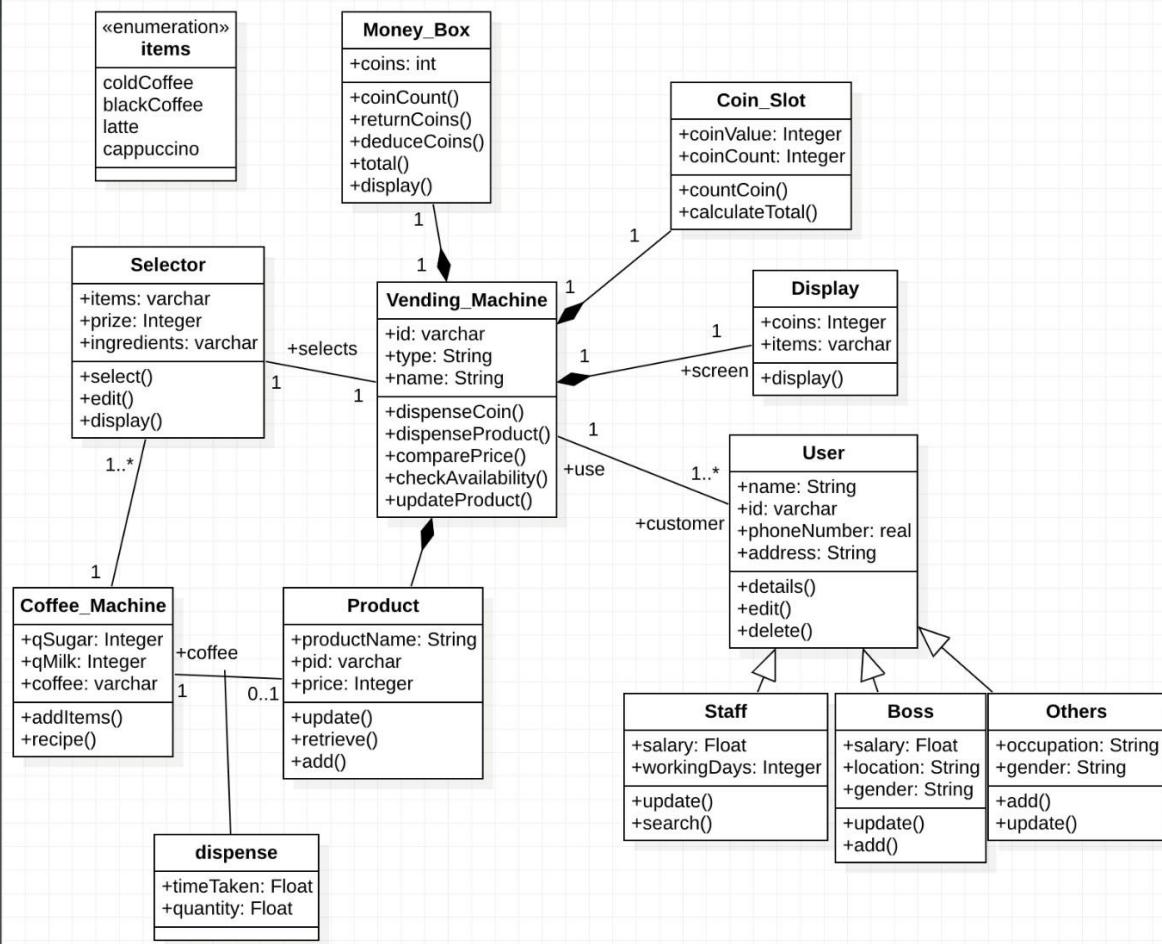




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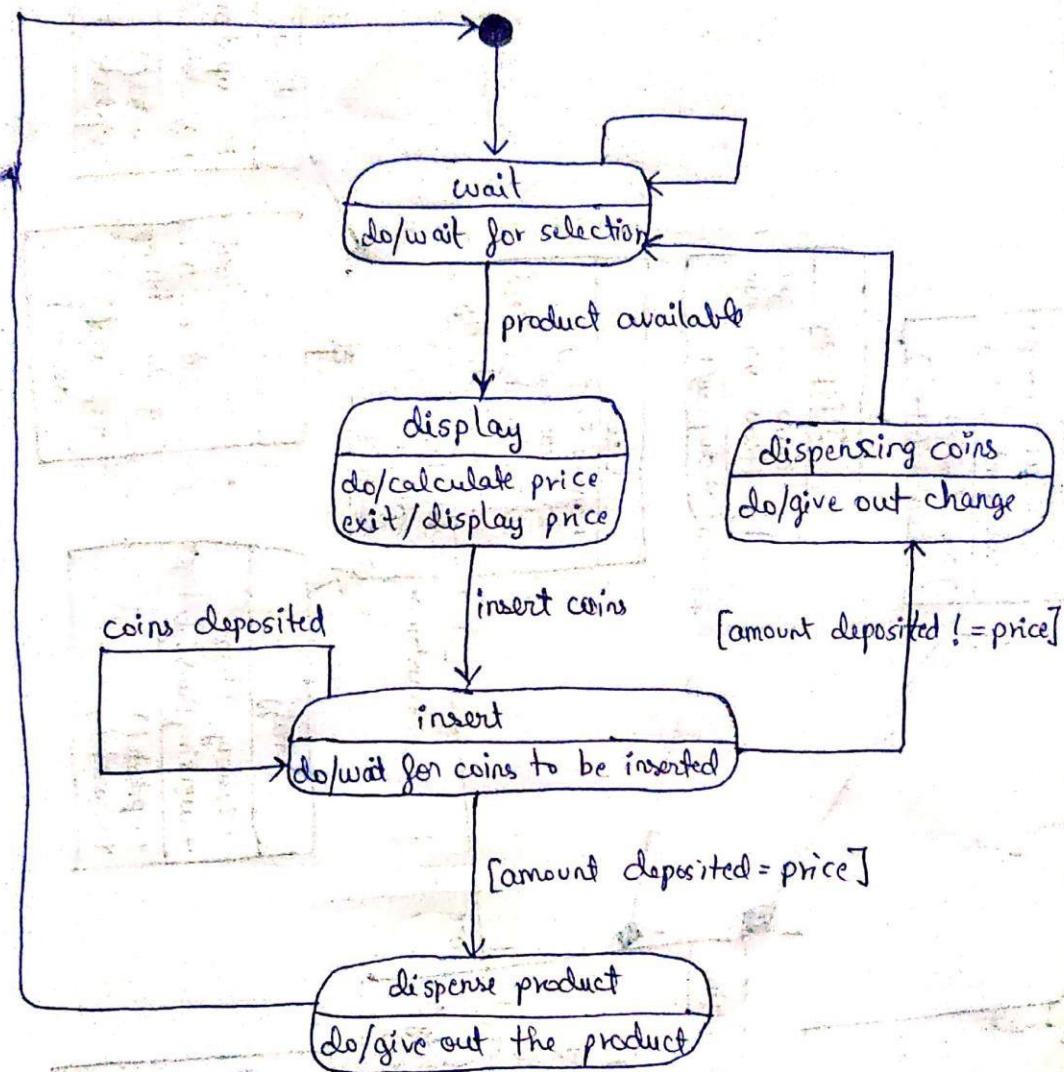
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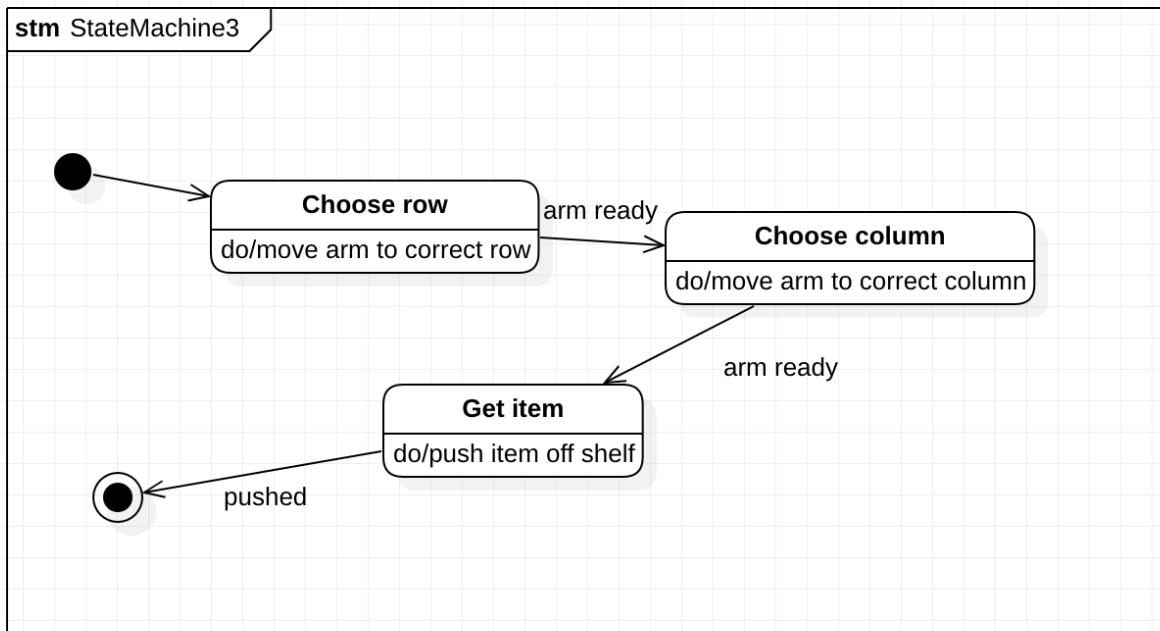
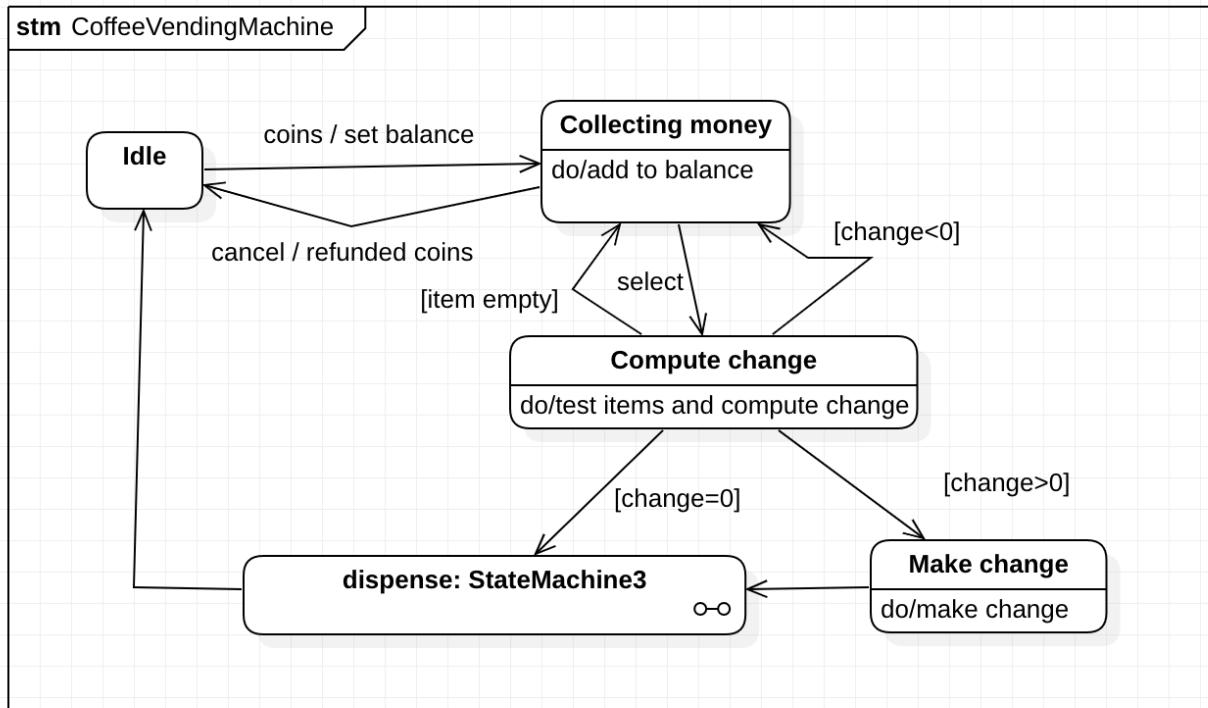




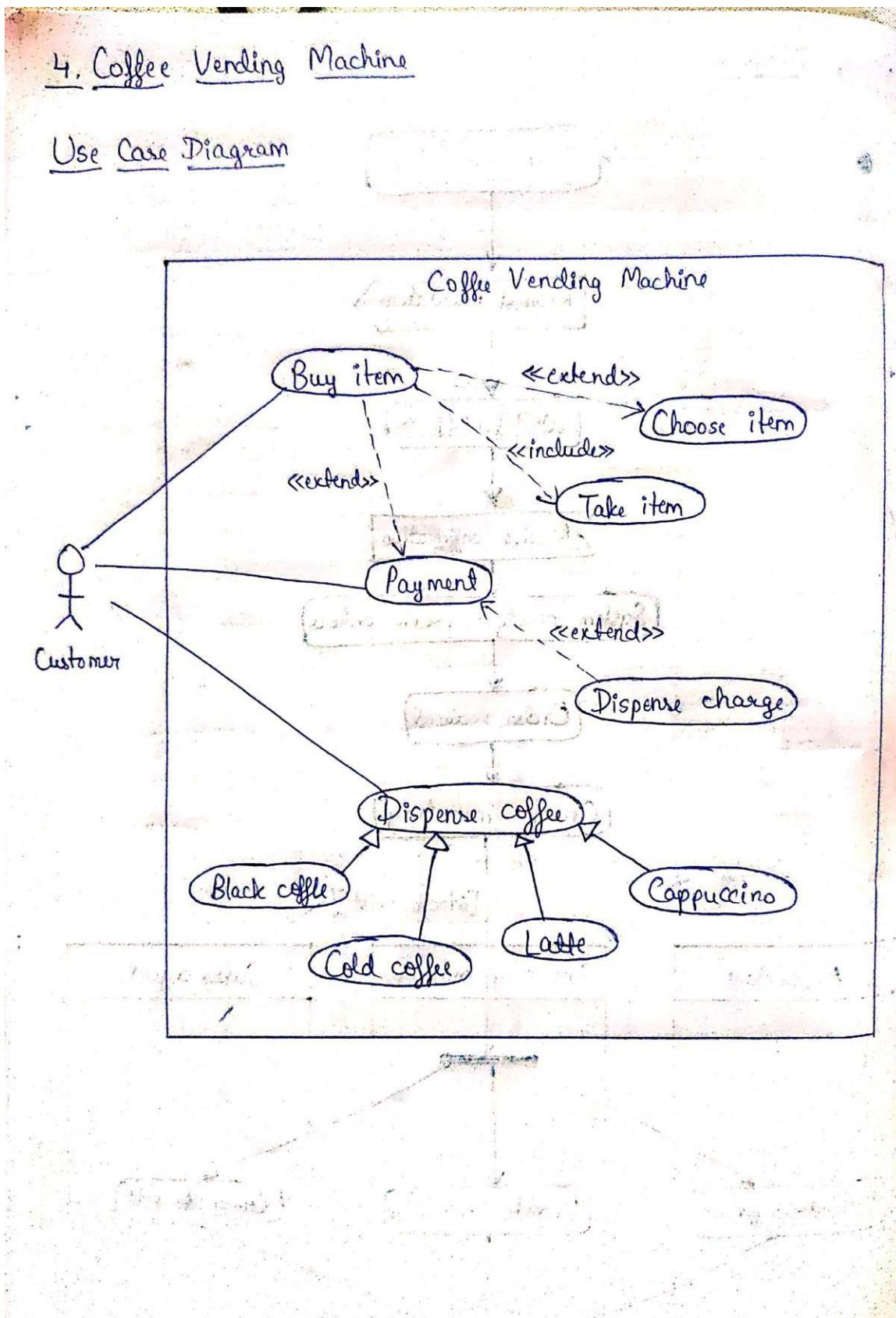
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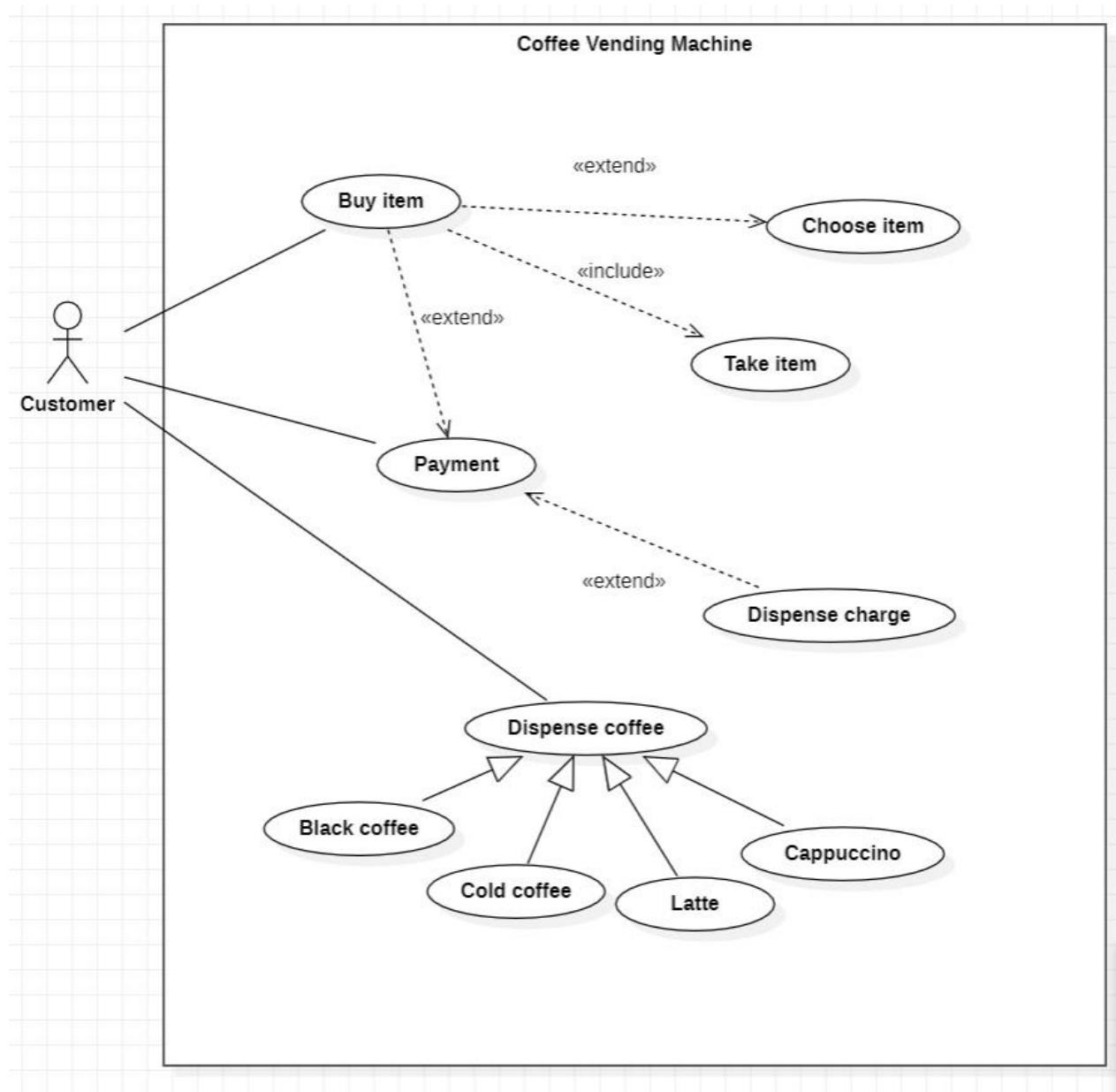
State Diagram



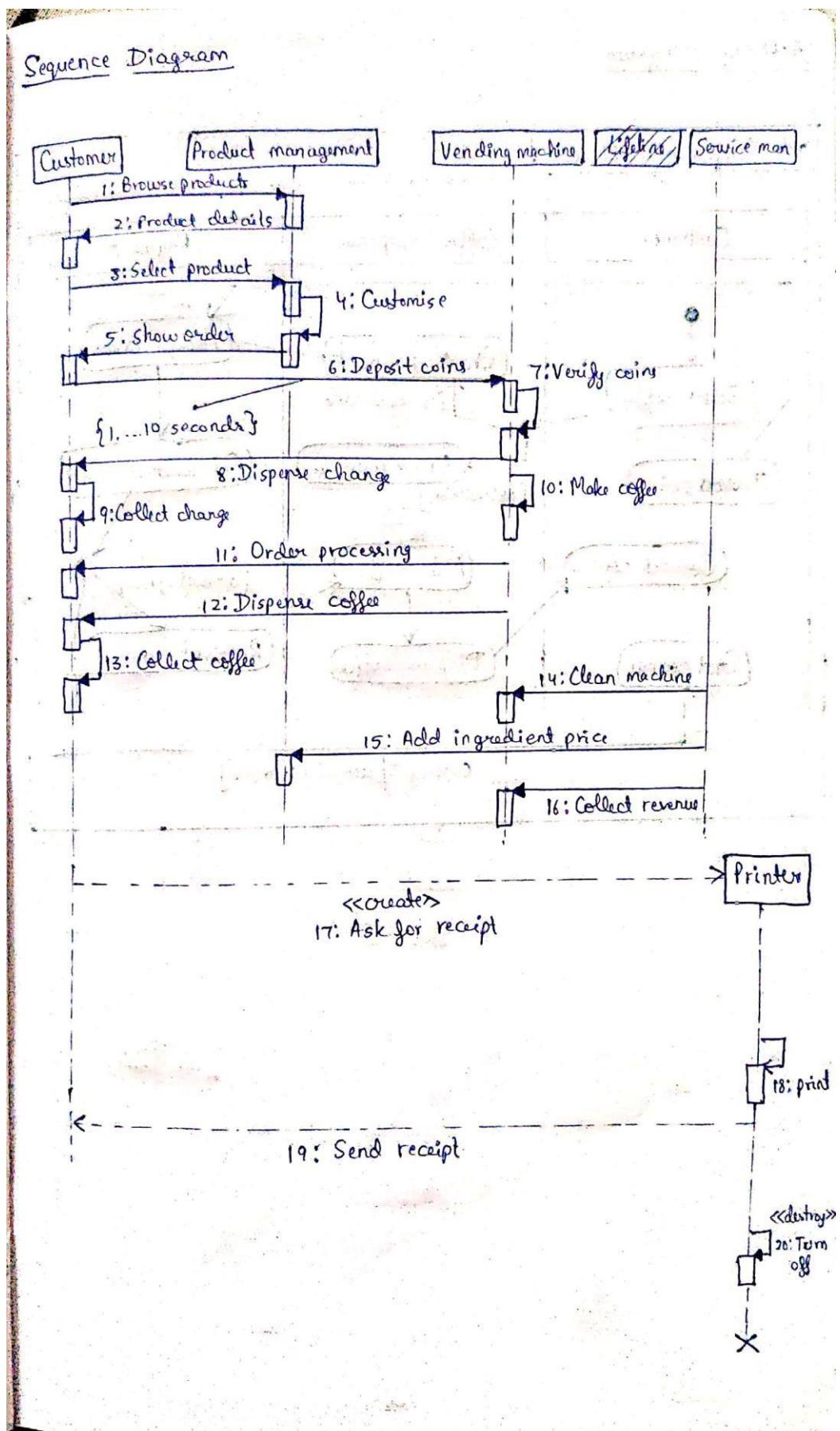


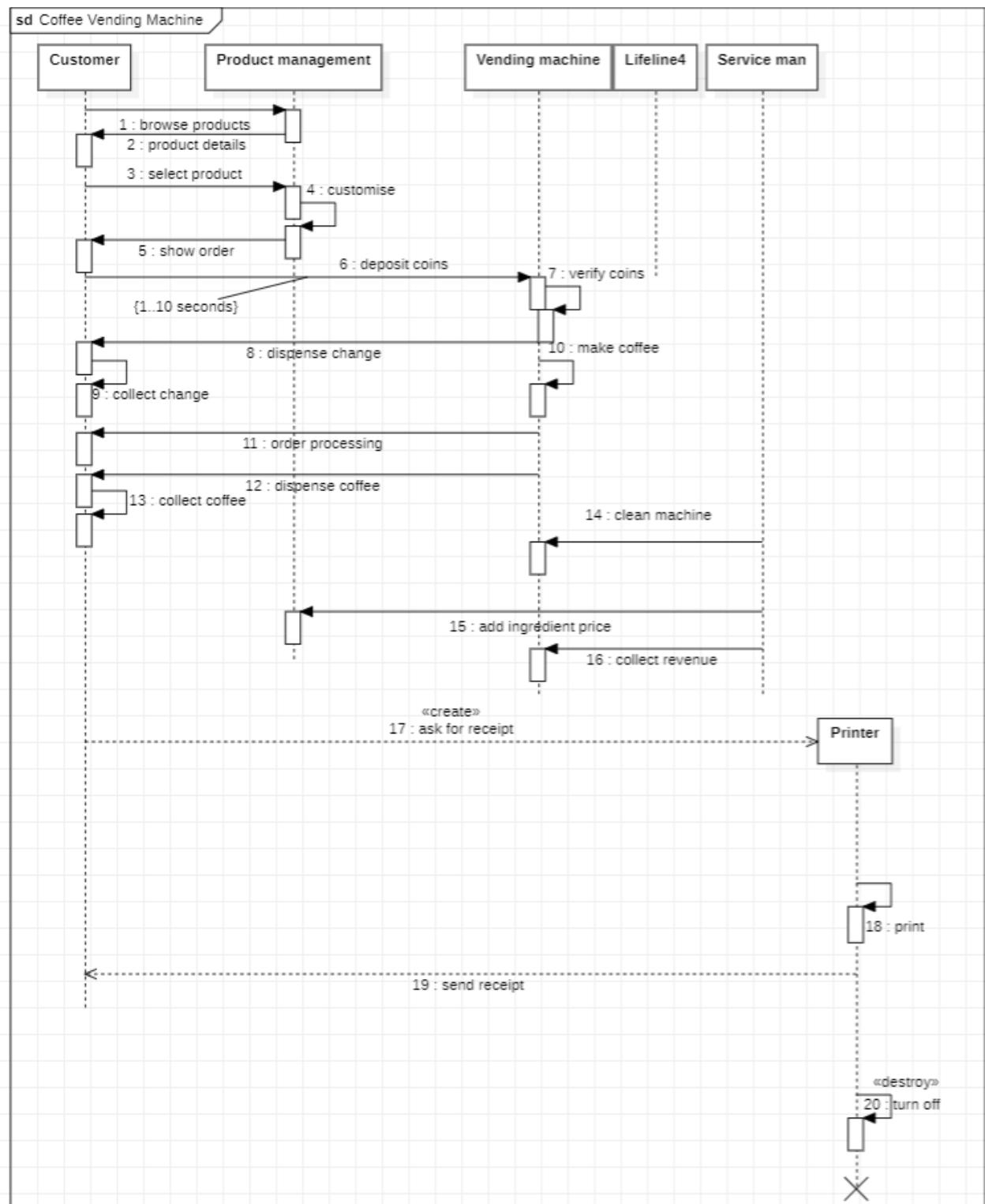
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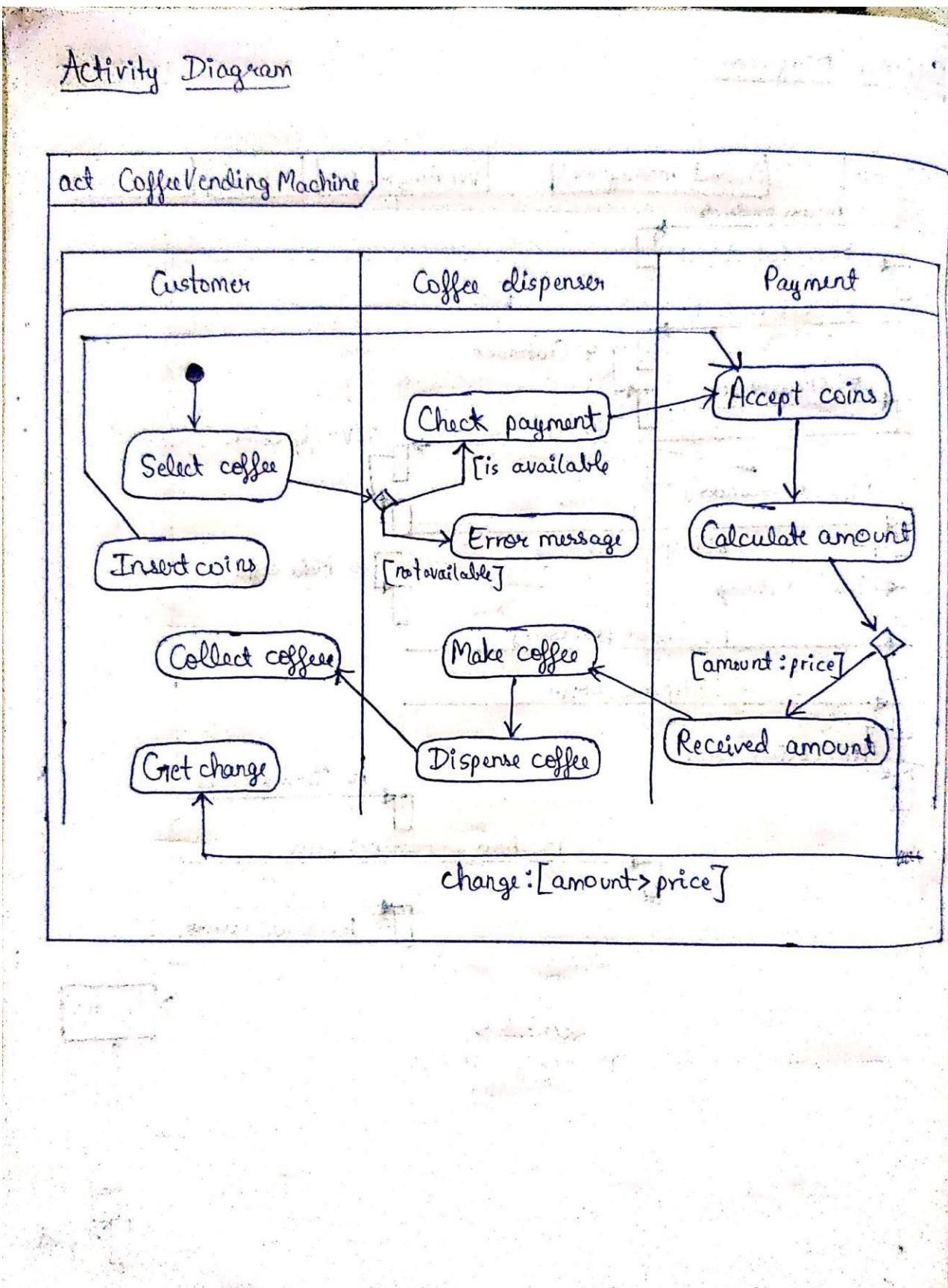


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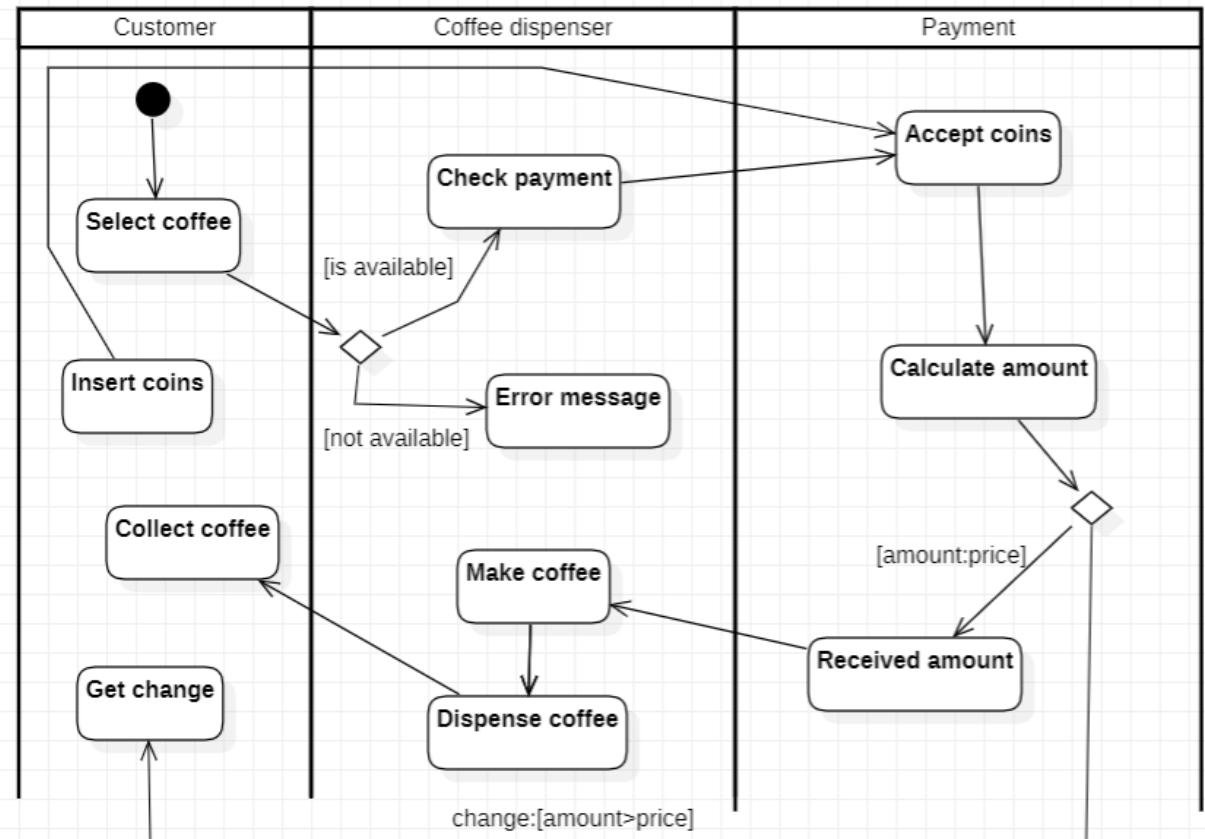




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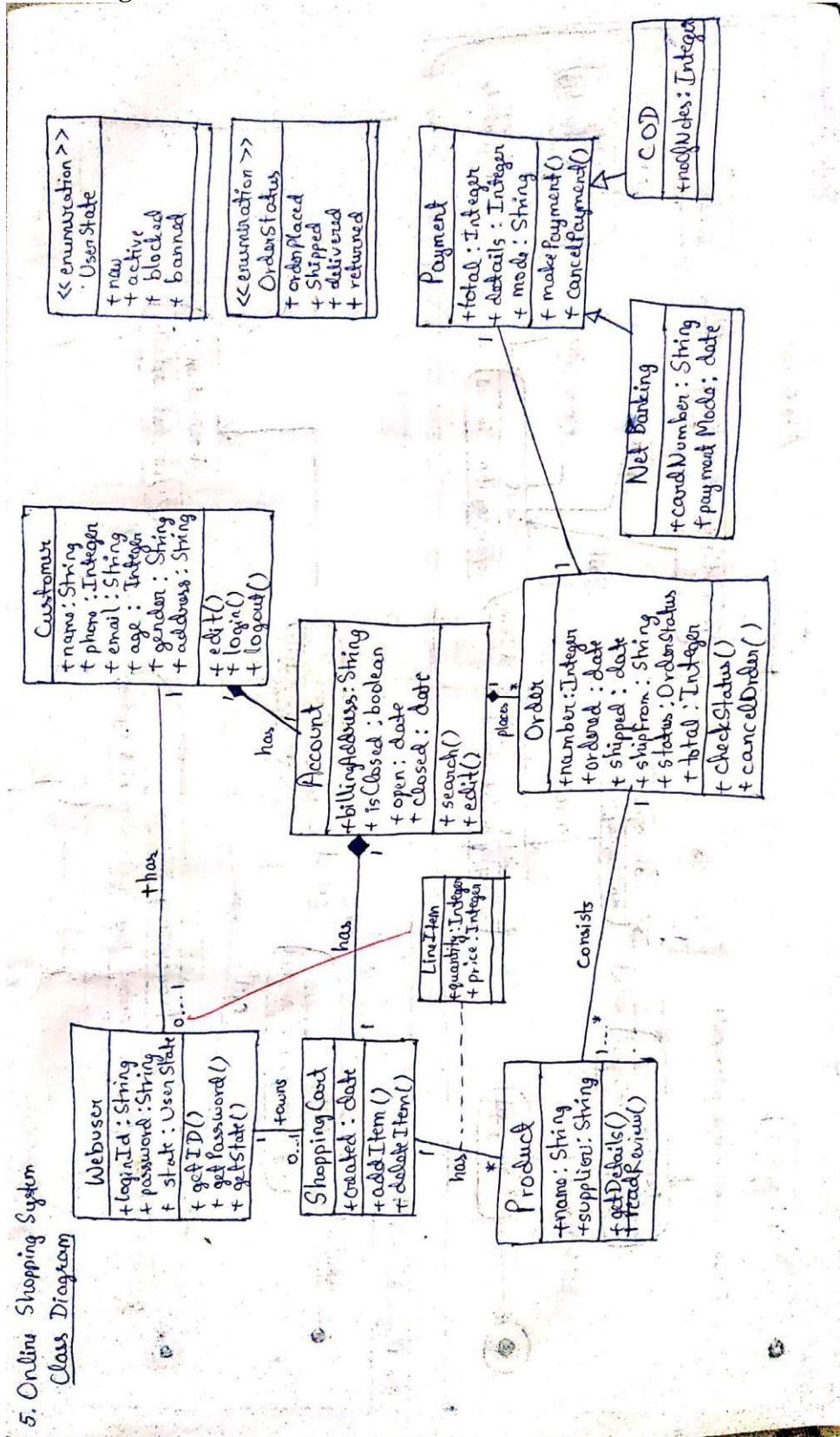


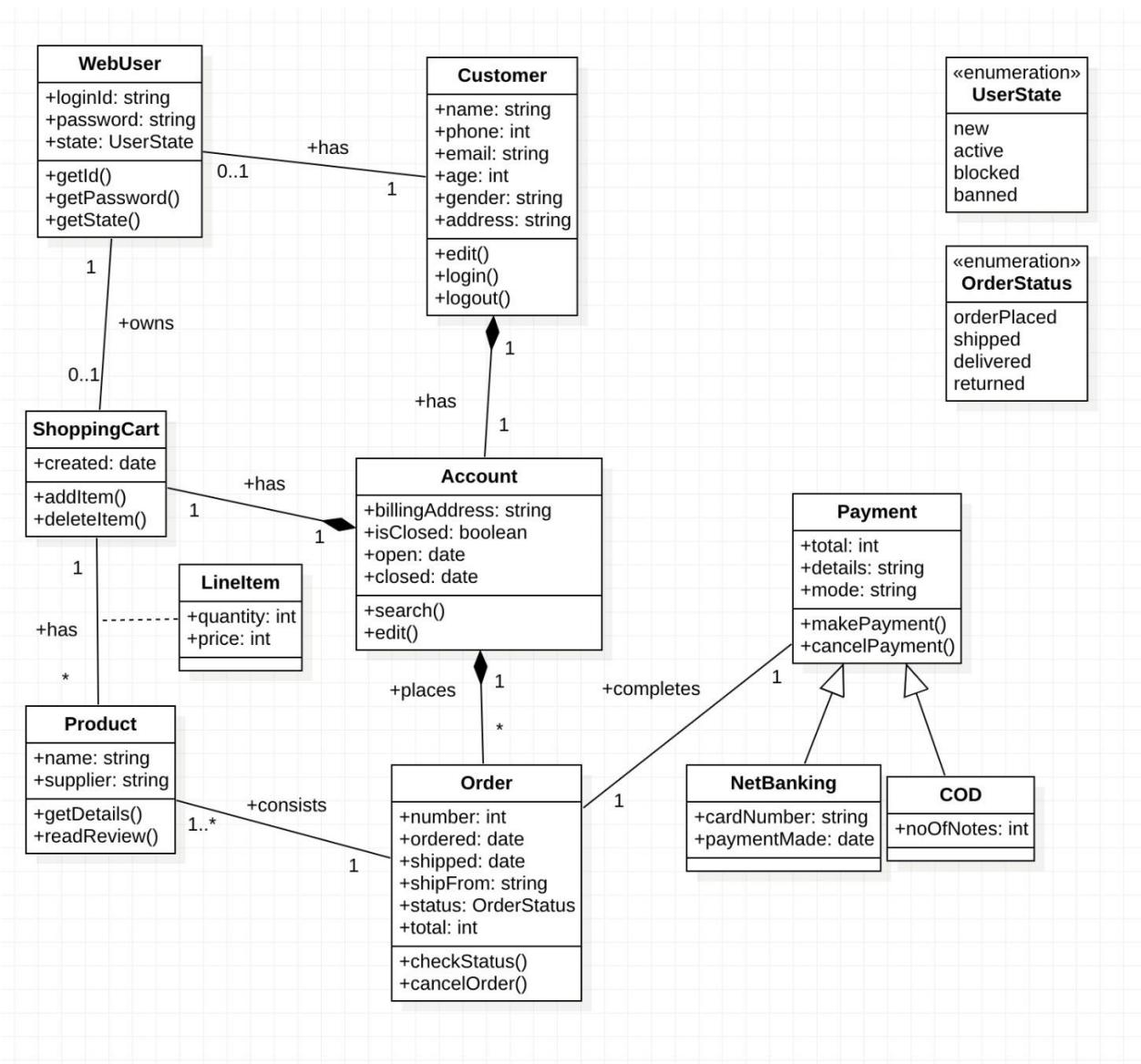
act Coffee Vending Machine



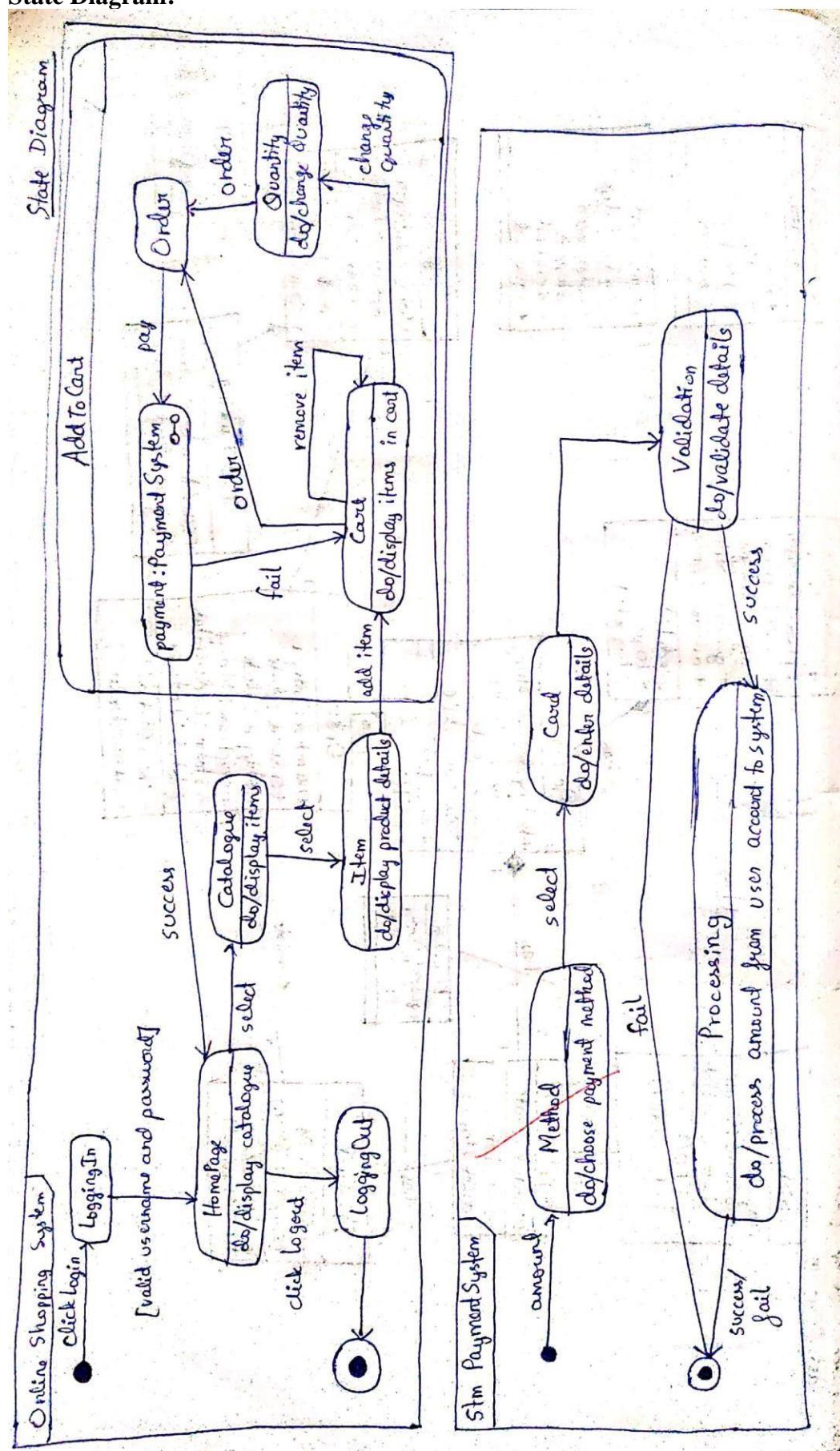
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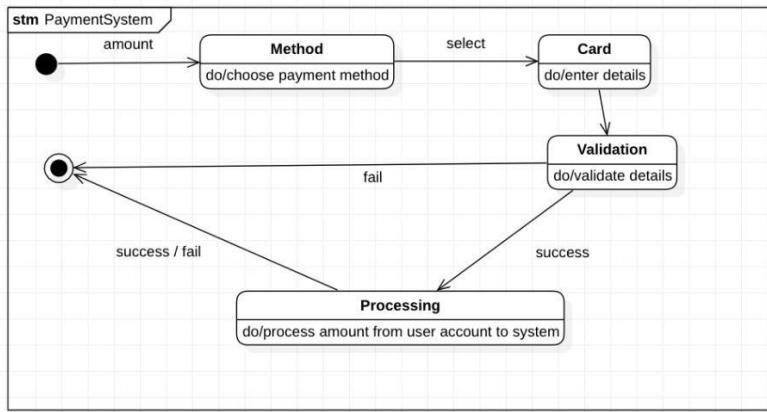
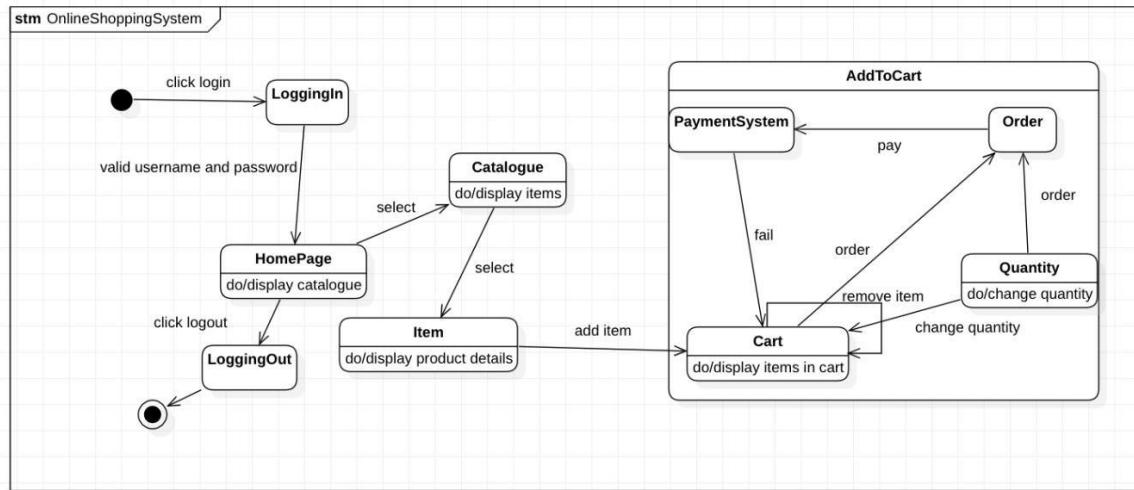
Class Diagram:





State Diagram:

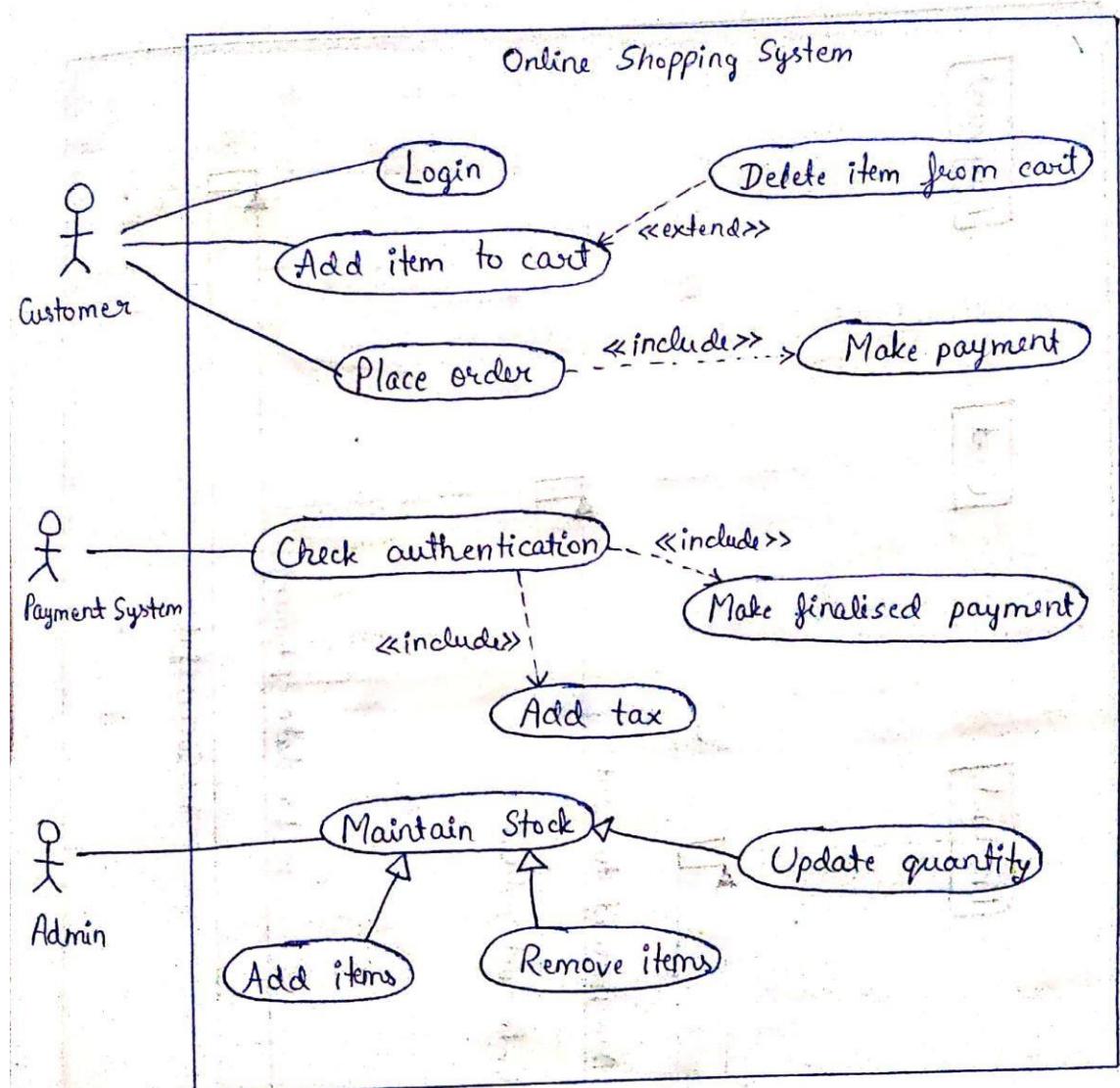


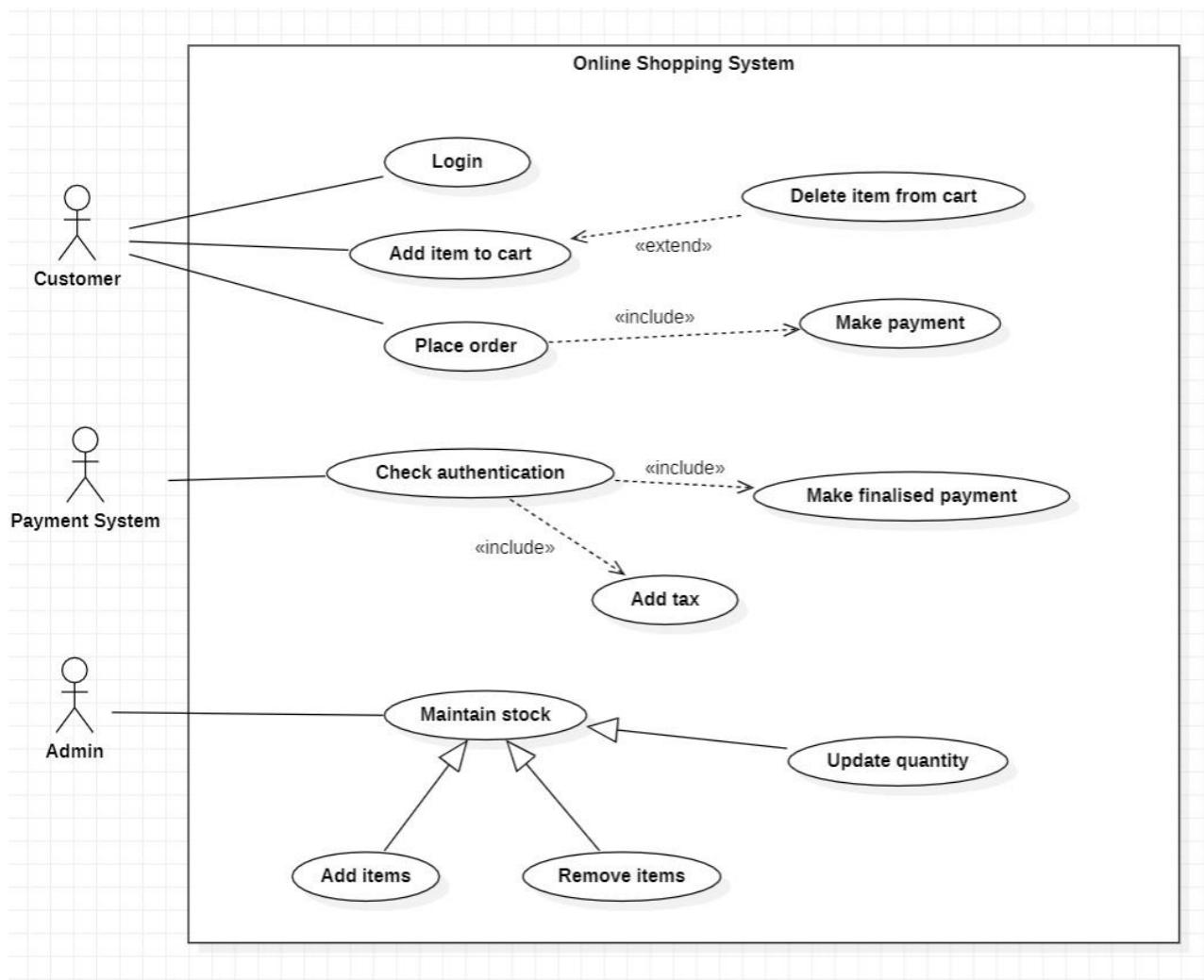


UseCase Diagram:

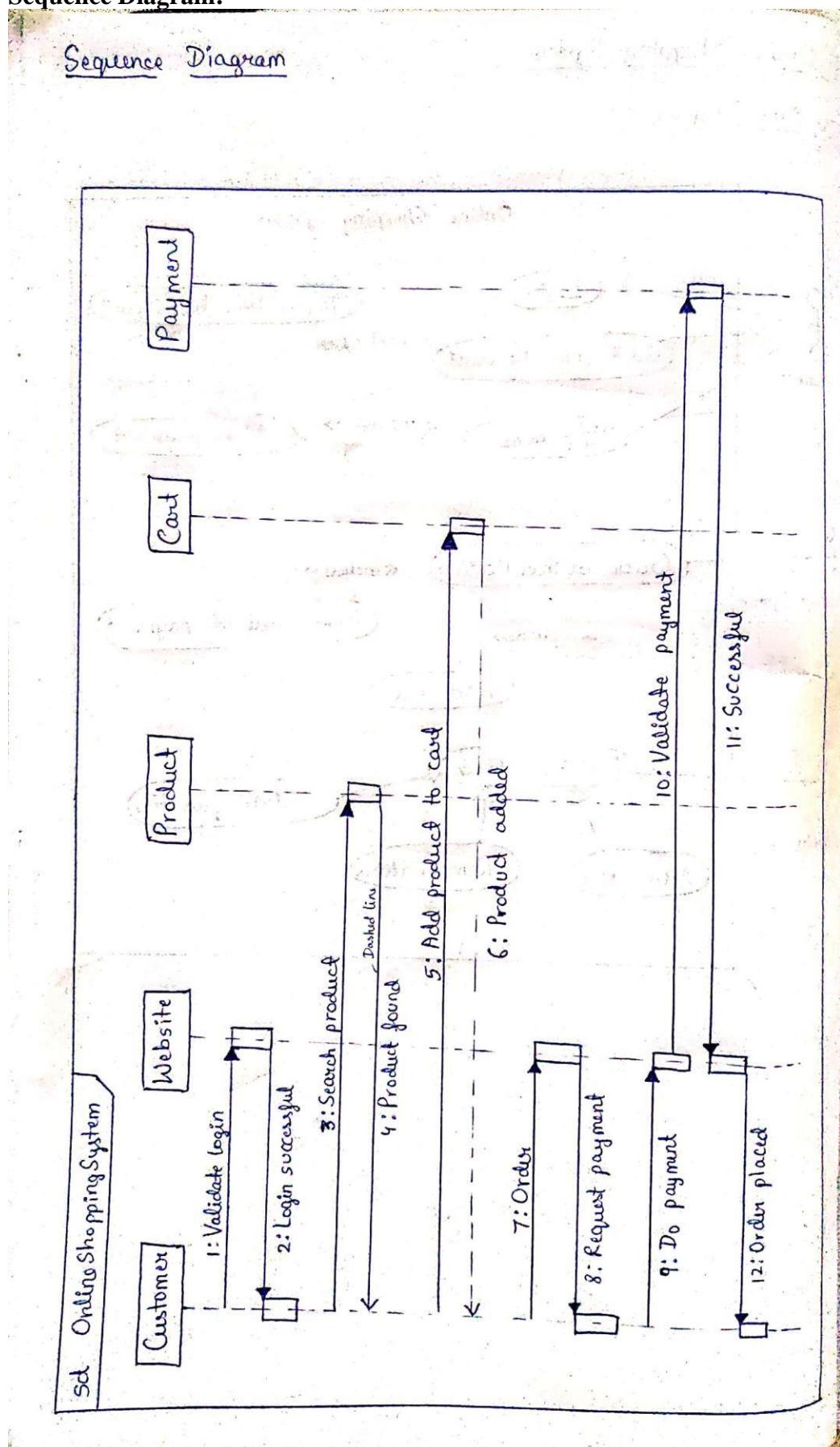
5. Online Shopping System

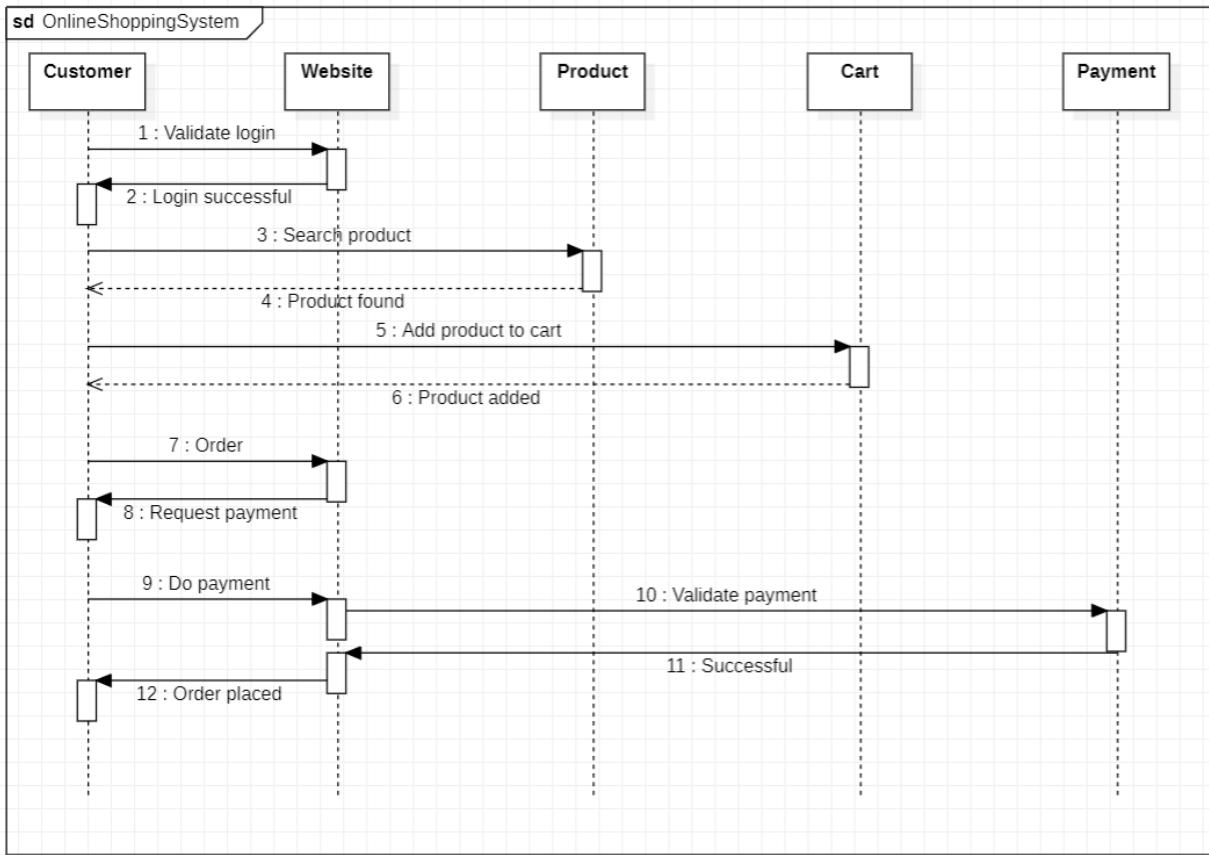
Use Case Diagram





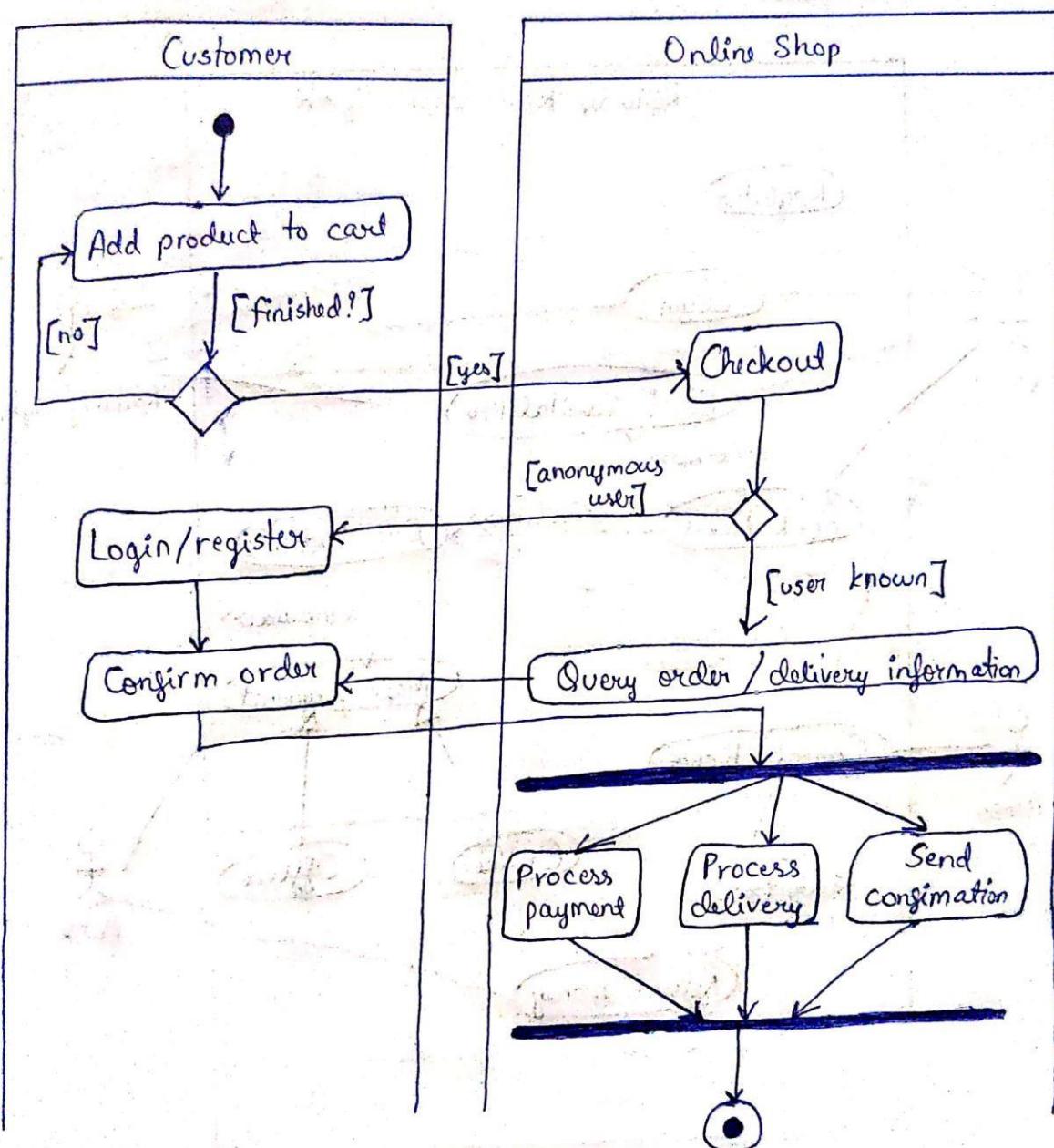
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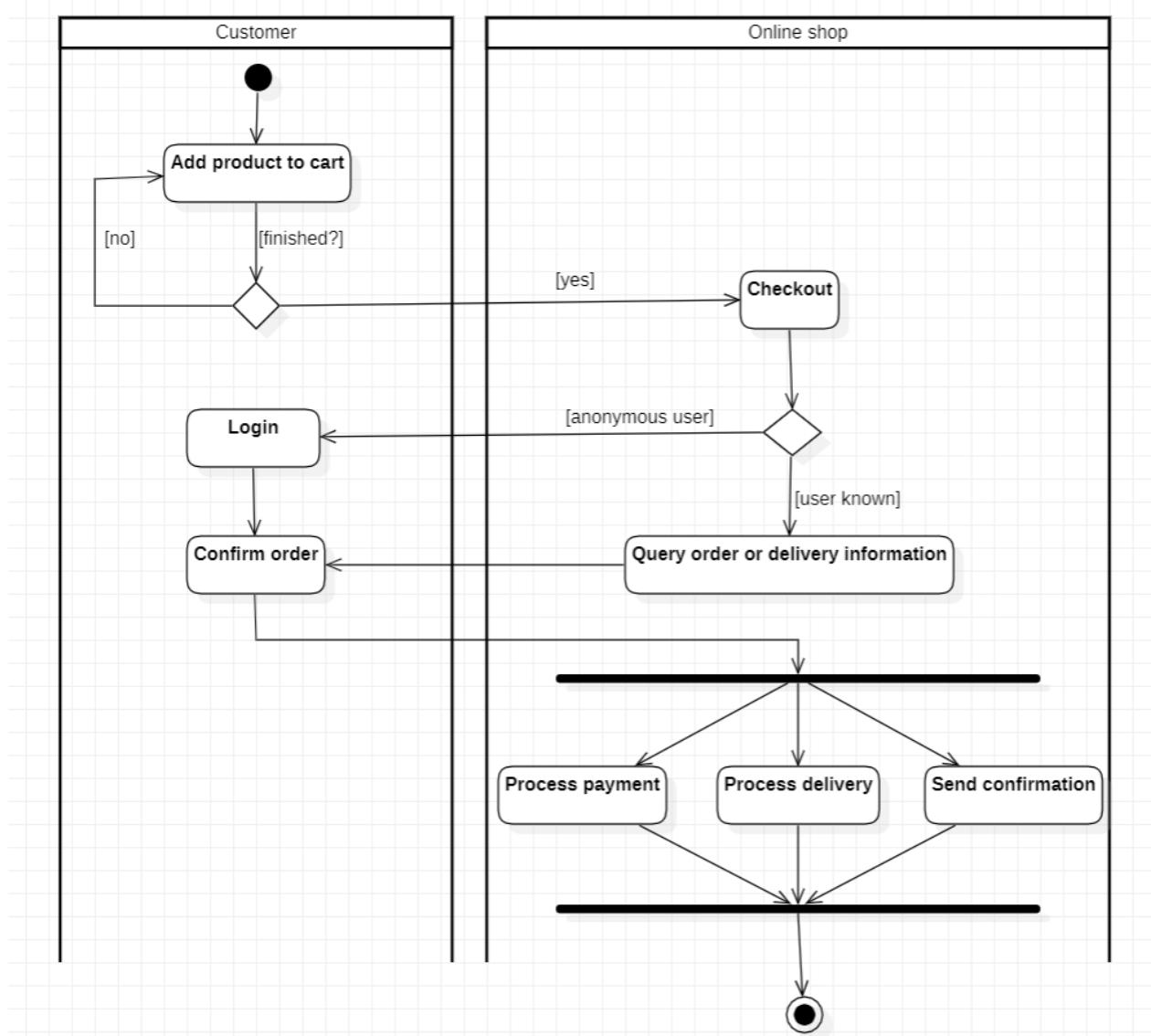




Activity Diagram:

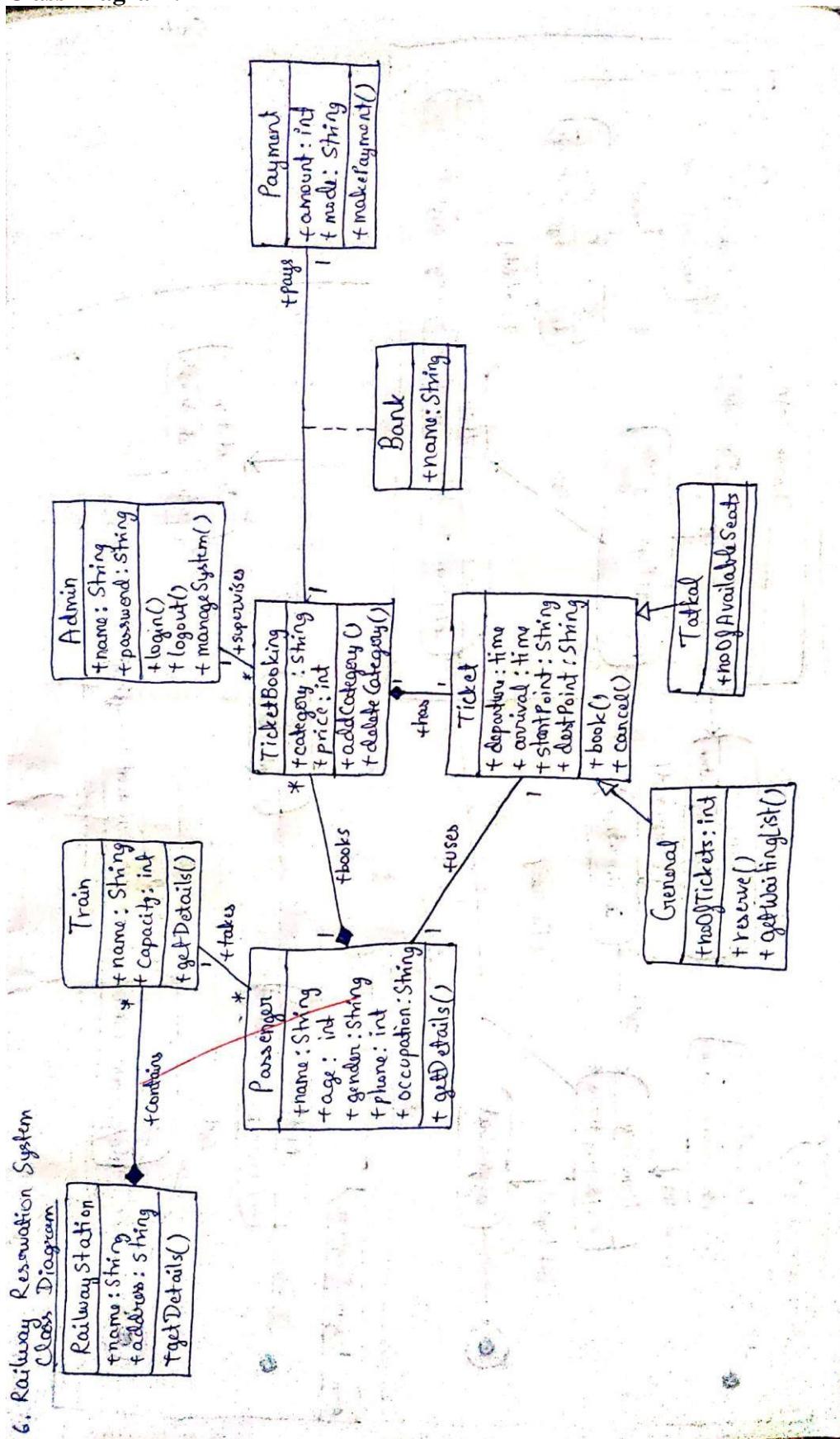
Activity Diagram

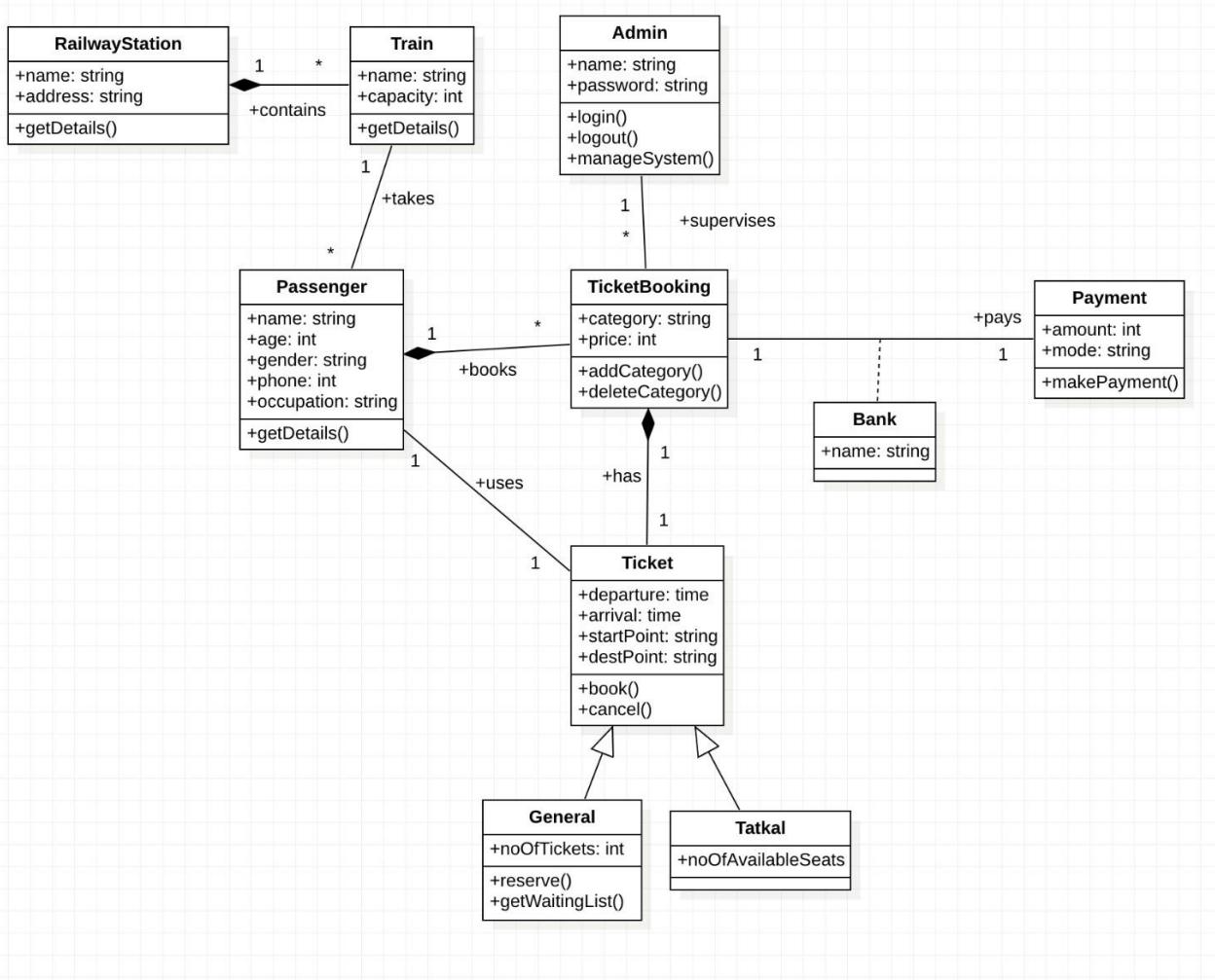




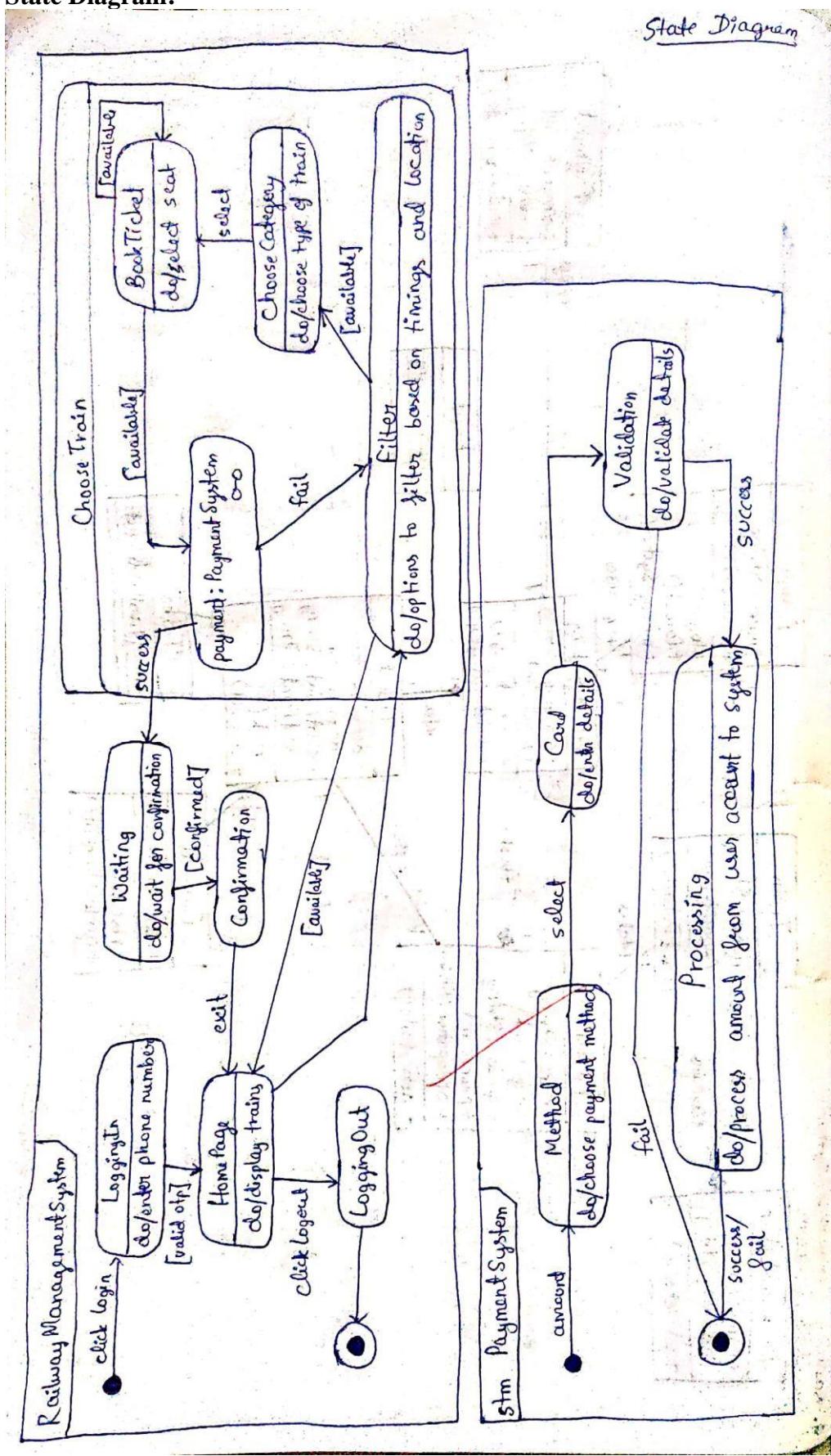
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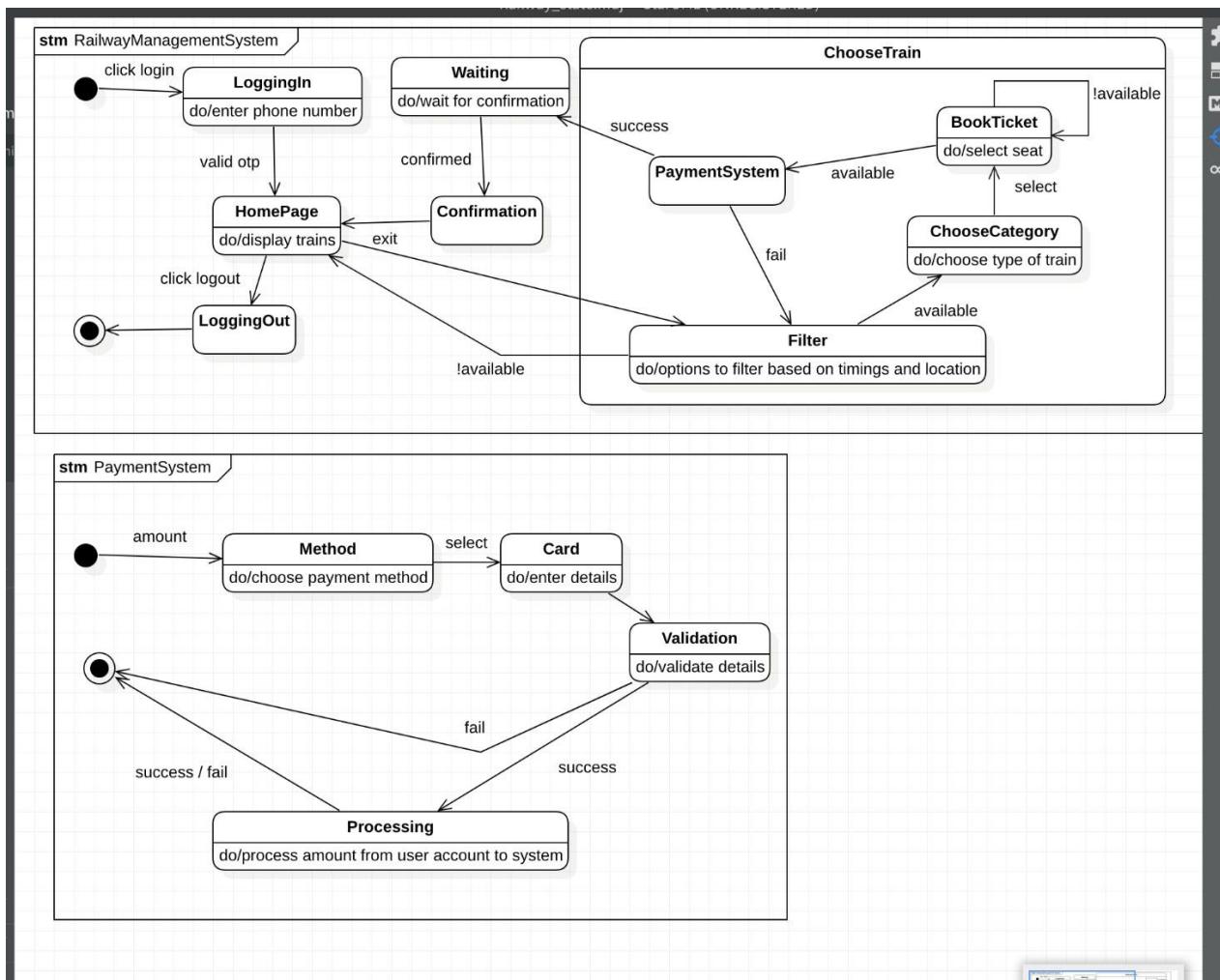
Class Diagram:





State Diagram:

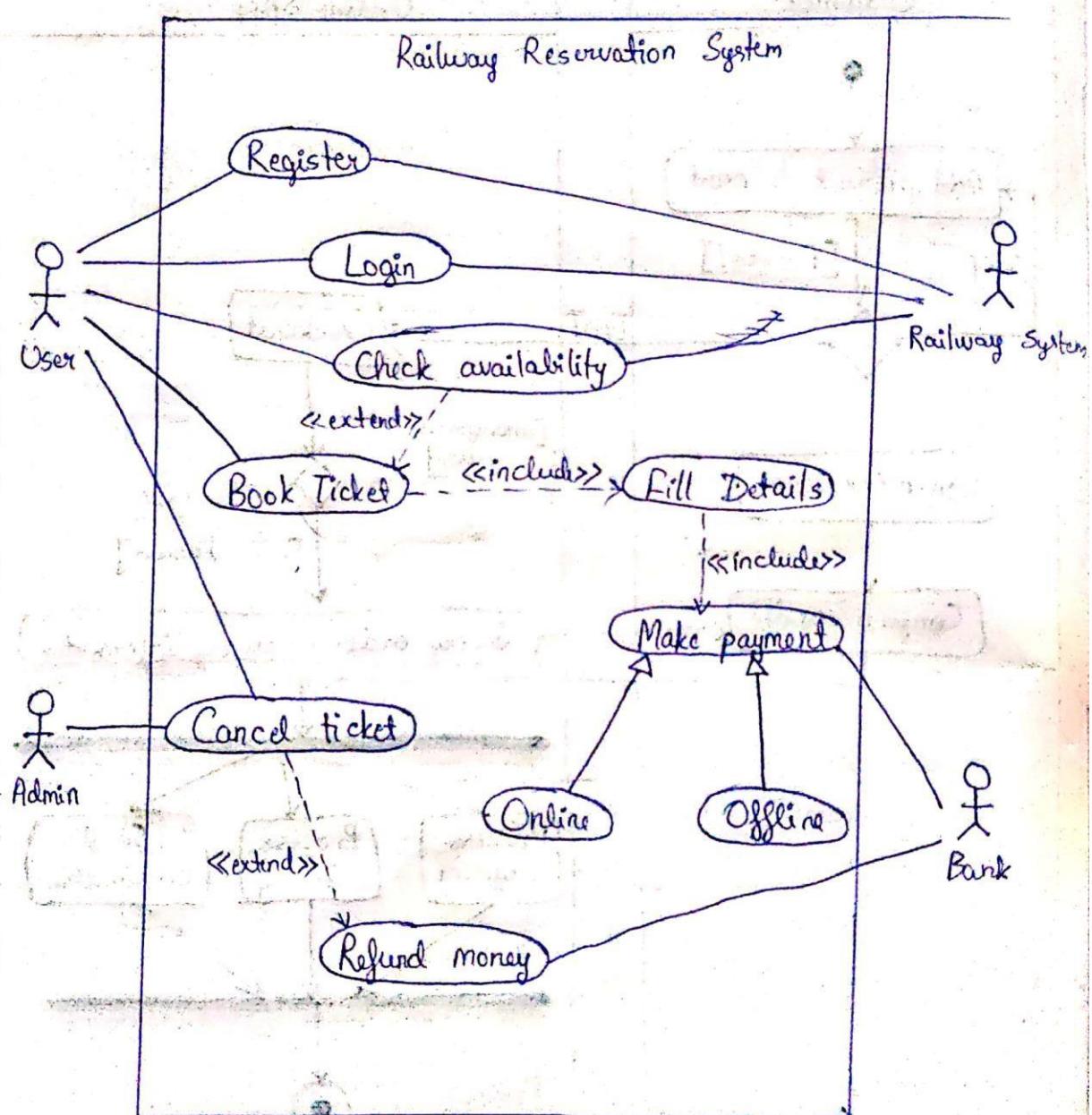


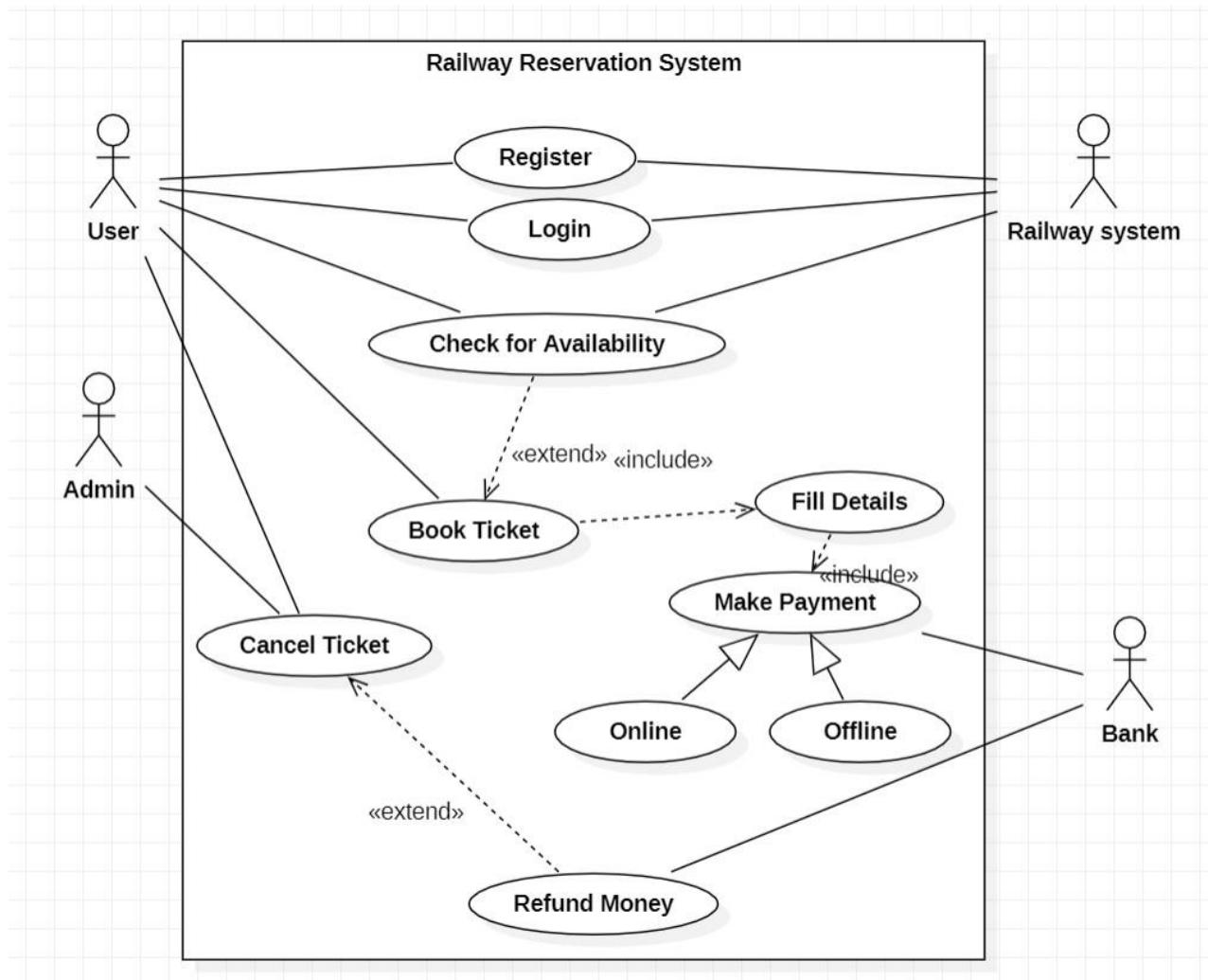


UseCase Diagram:

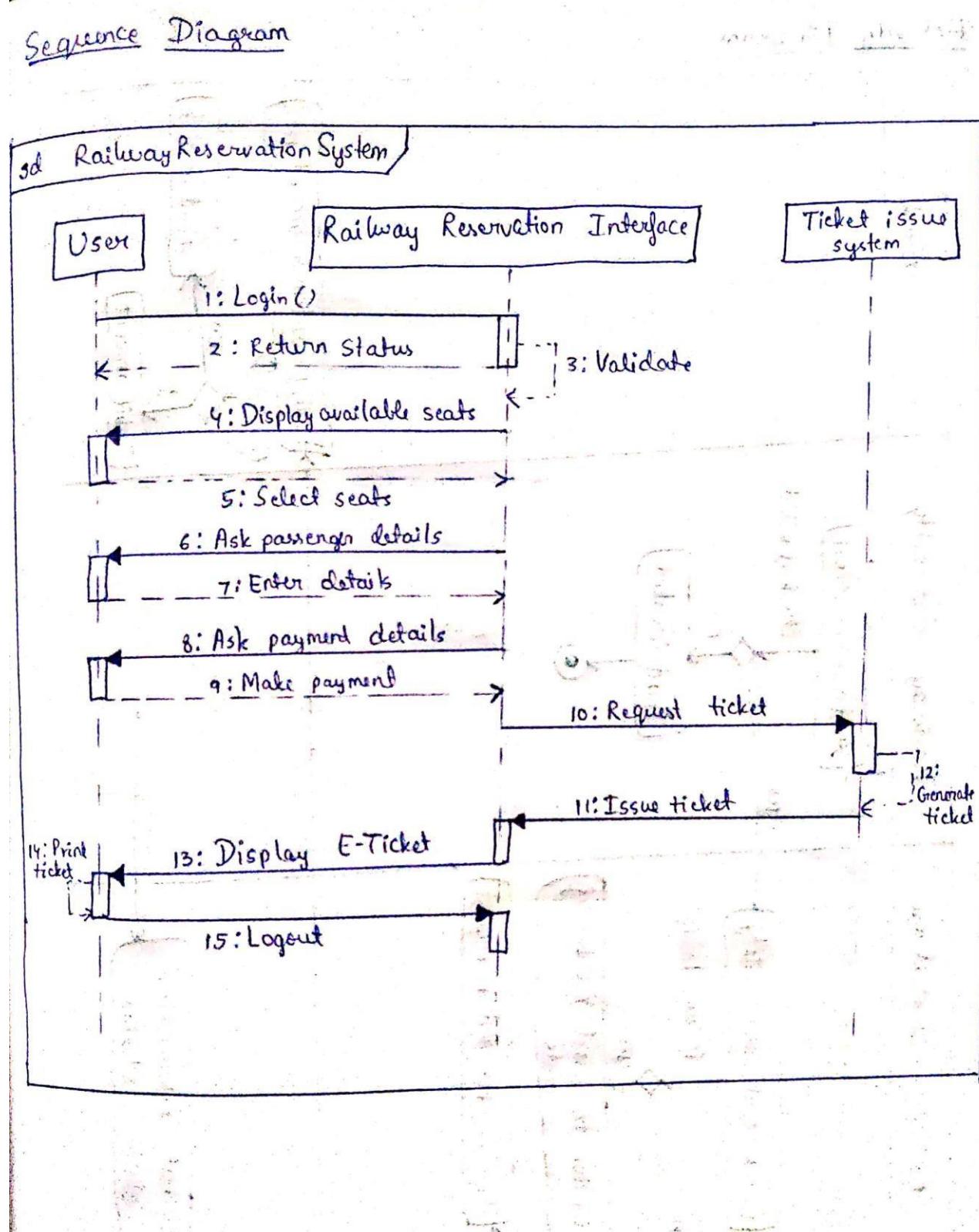
6. Railway Reservation System

Use Case Diagram

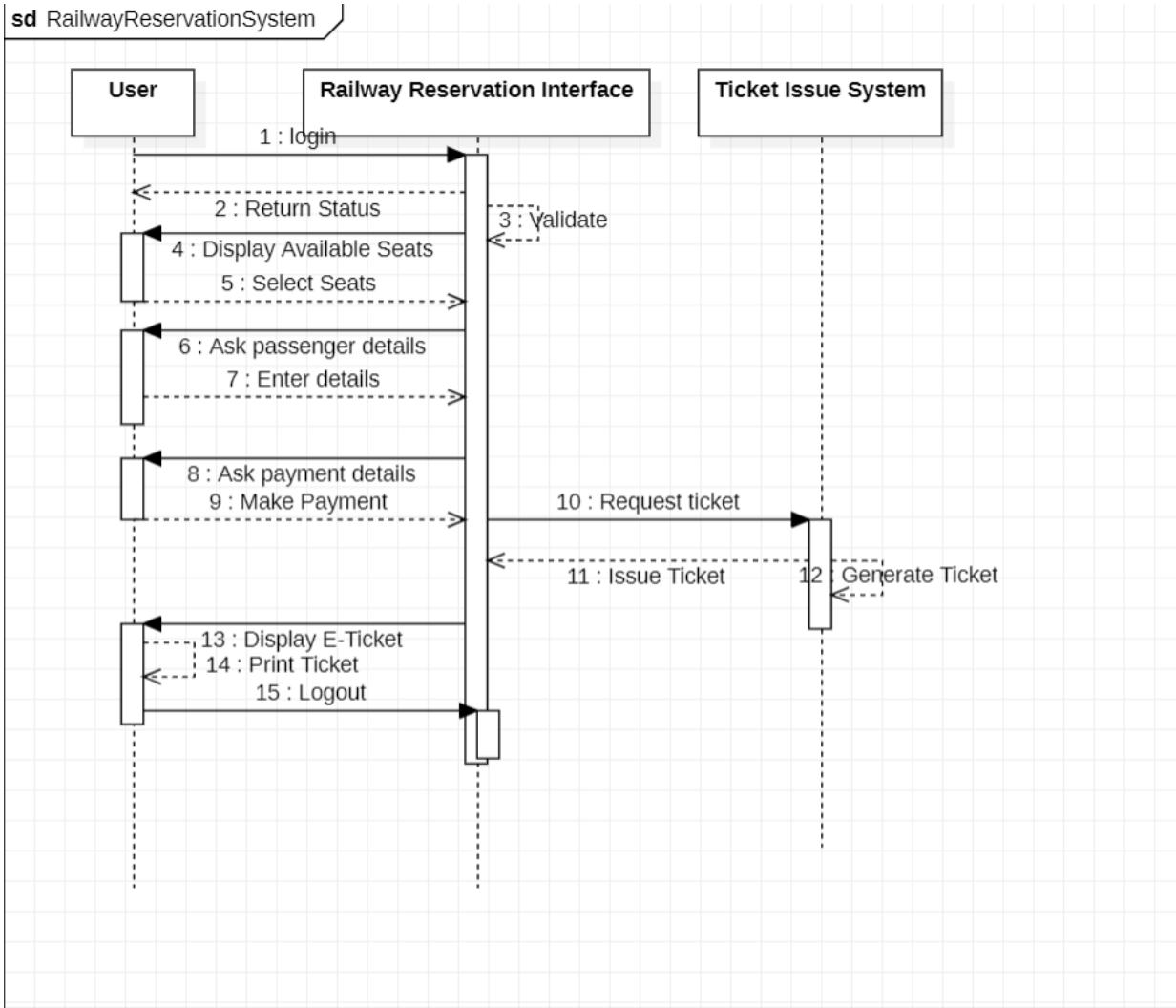




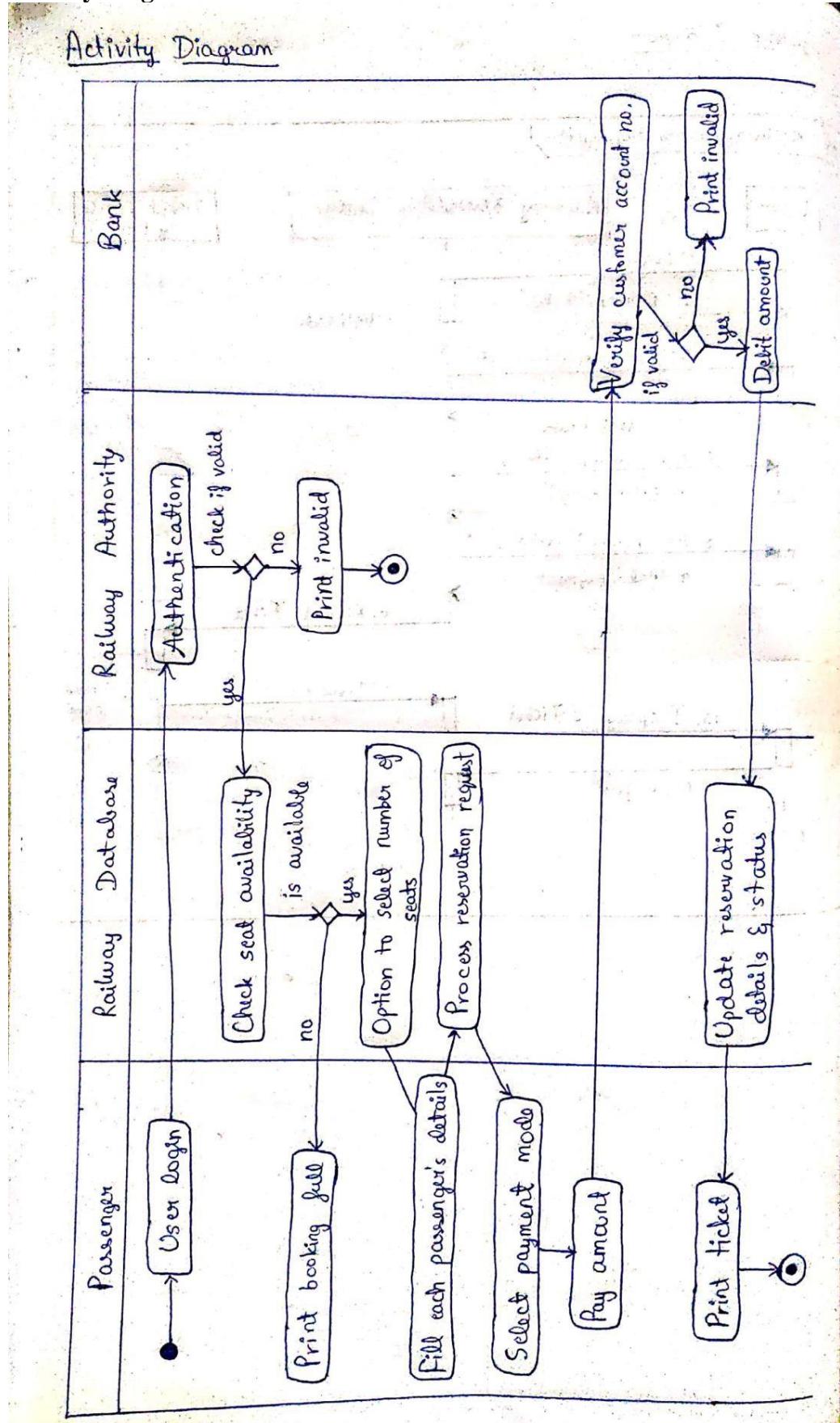
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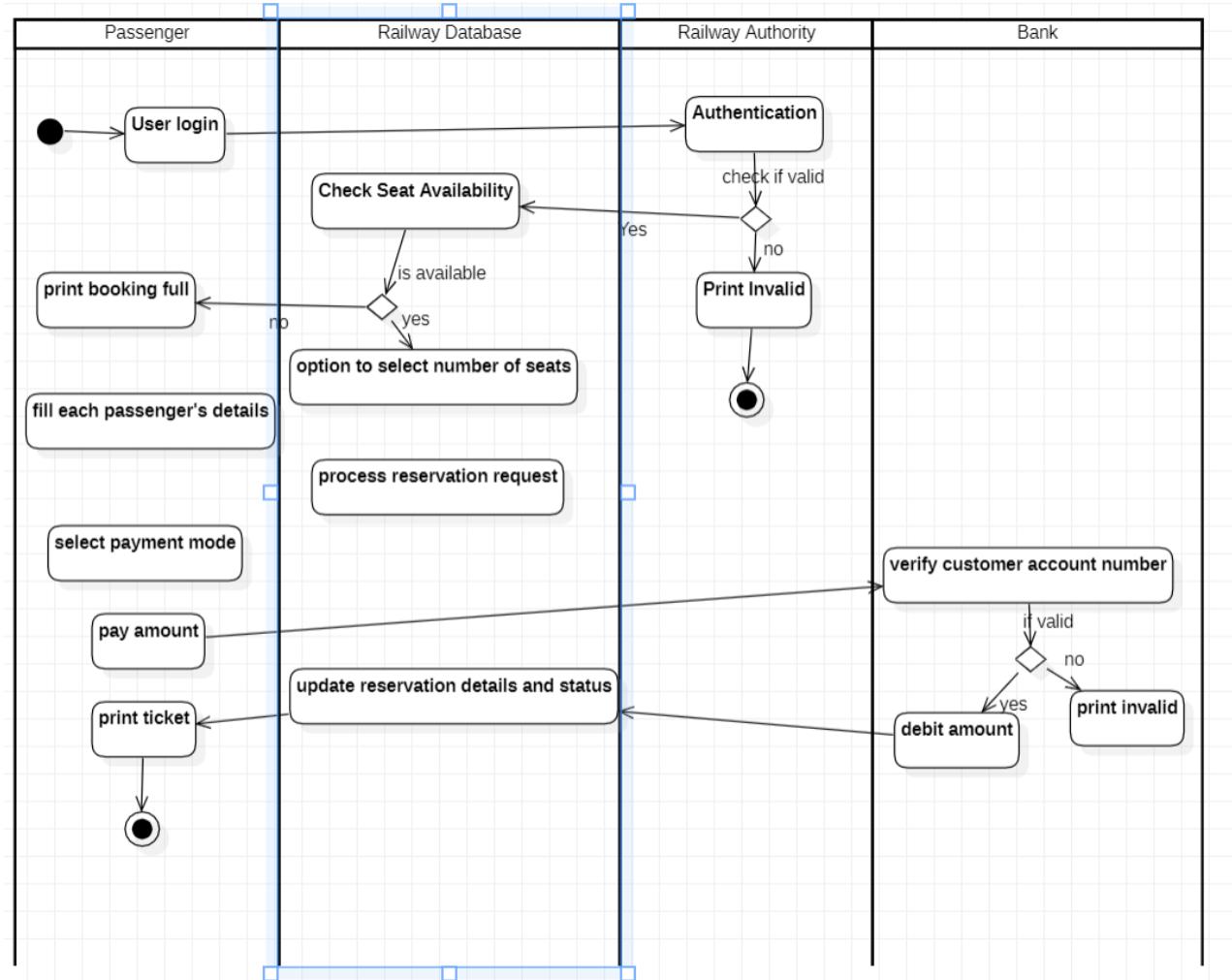


sd RailwayReservationSystem



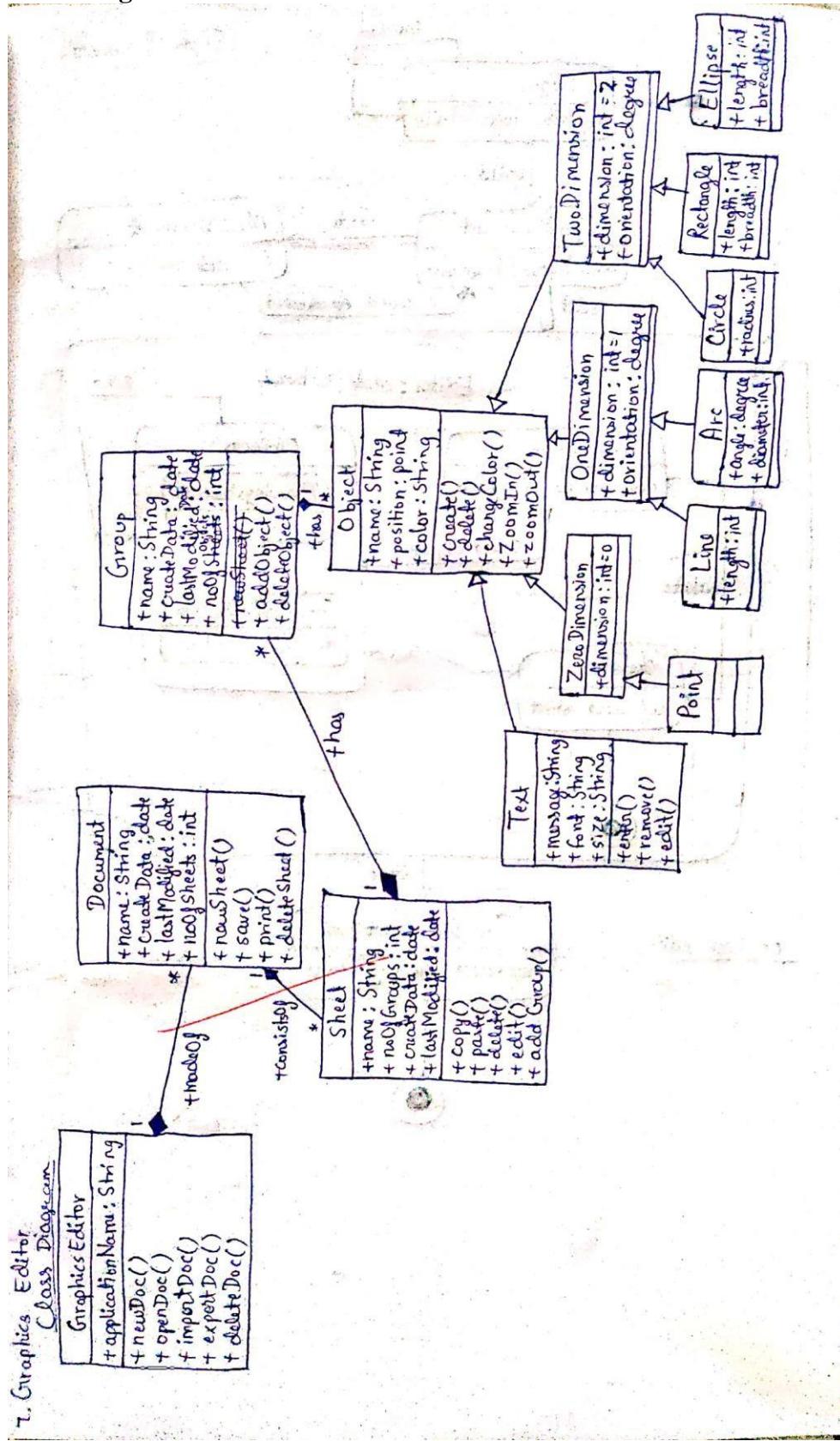
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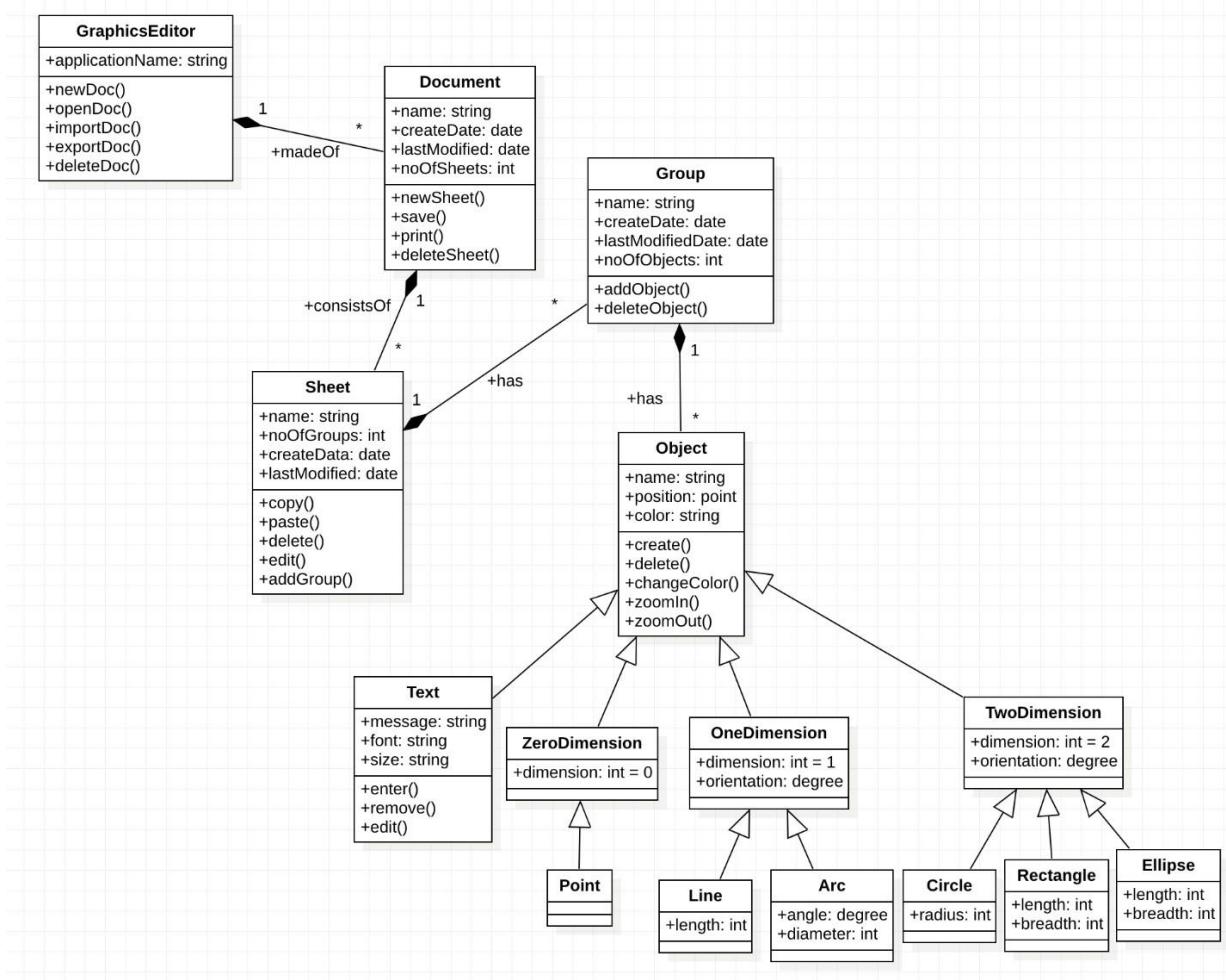




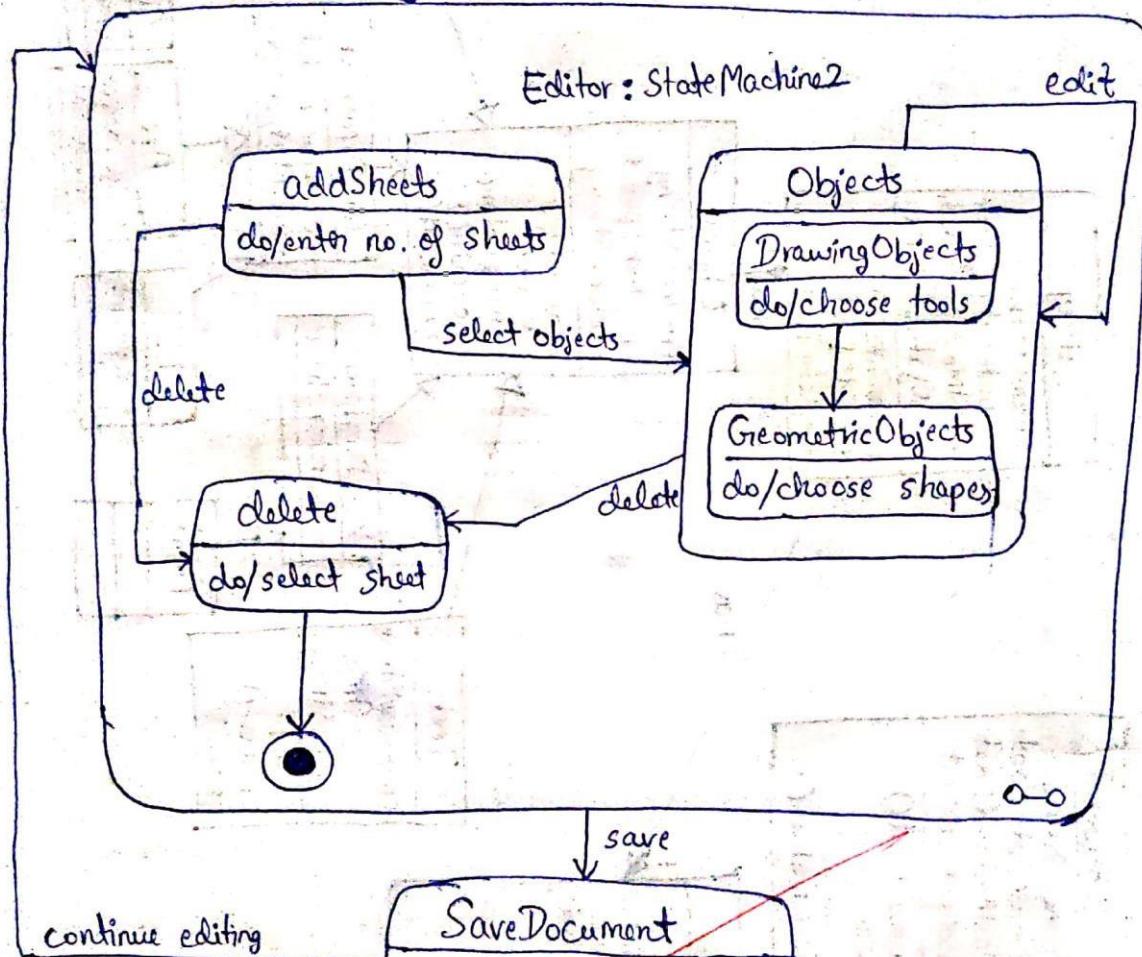
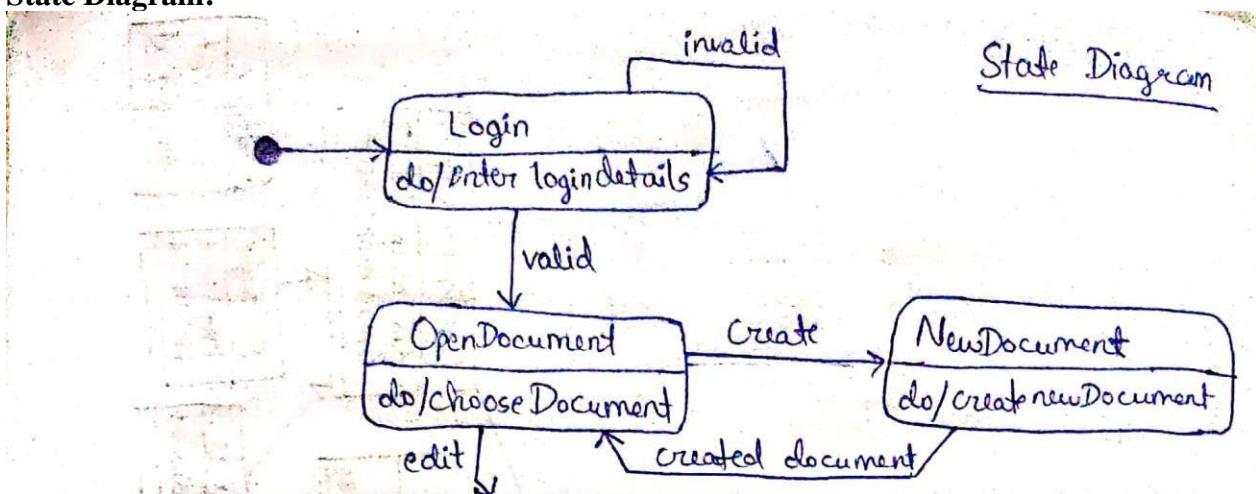
7. GRAPHICS EDITOR SYSTEM

Class Diagram:

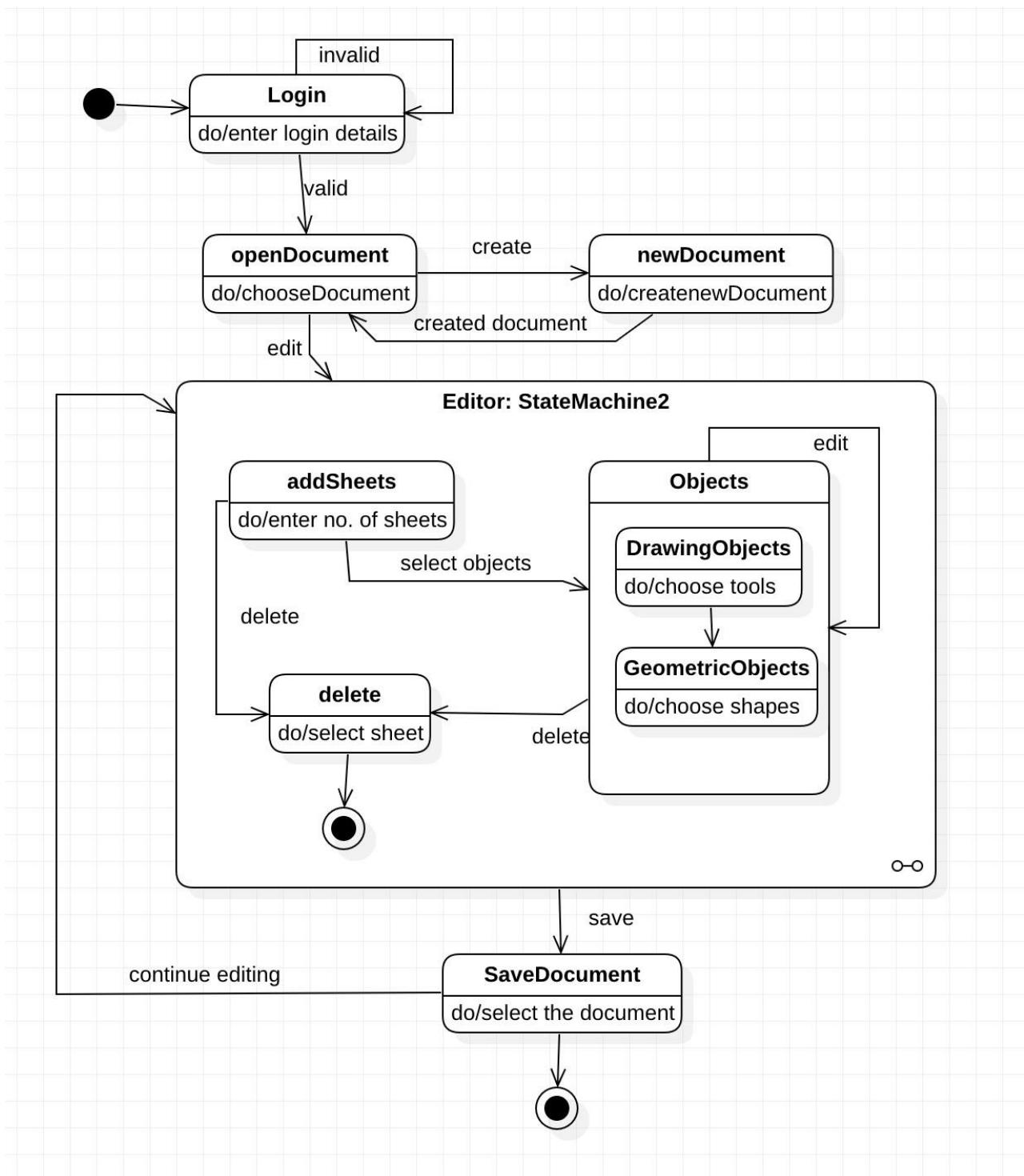




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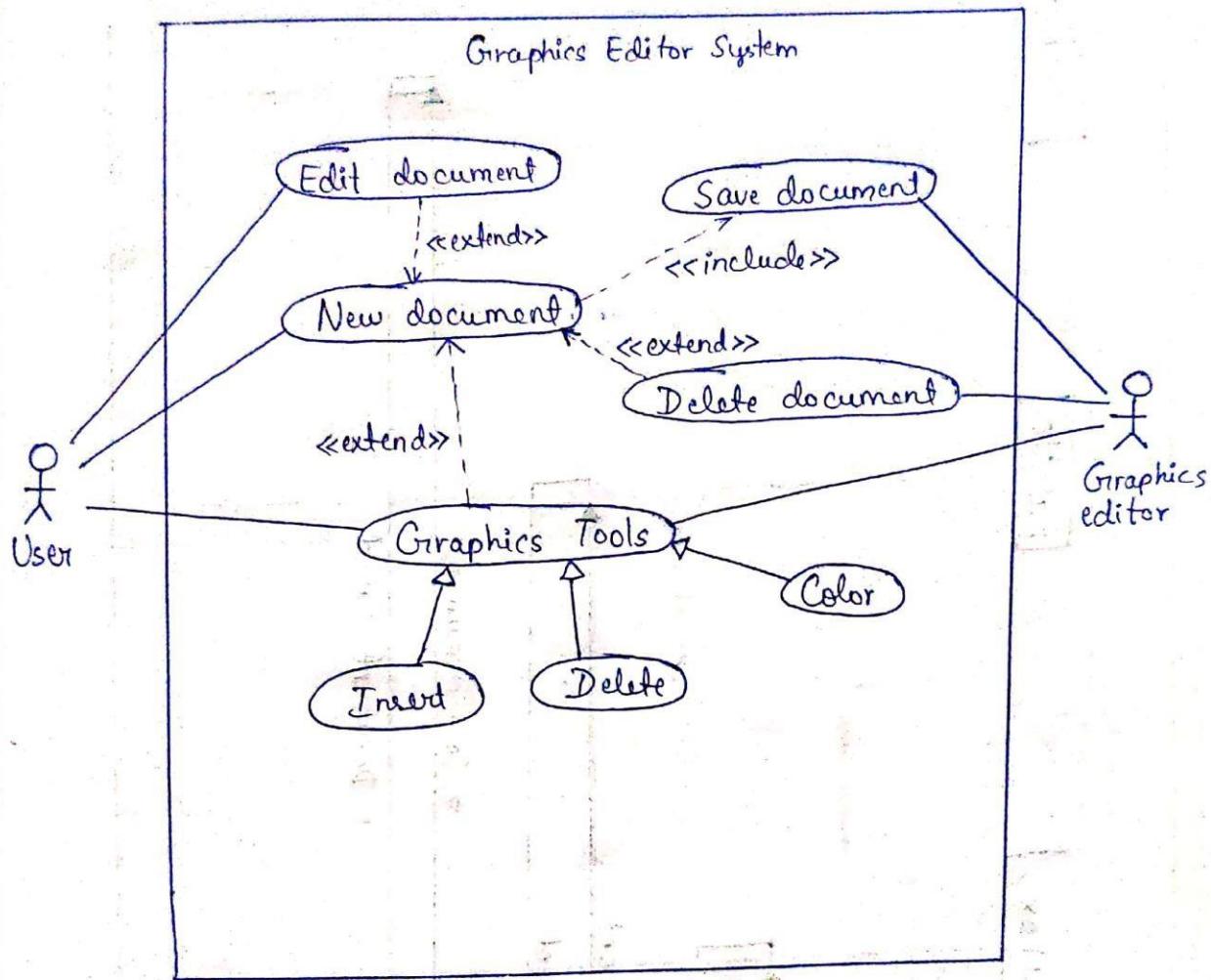
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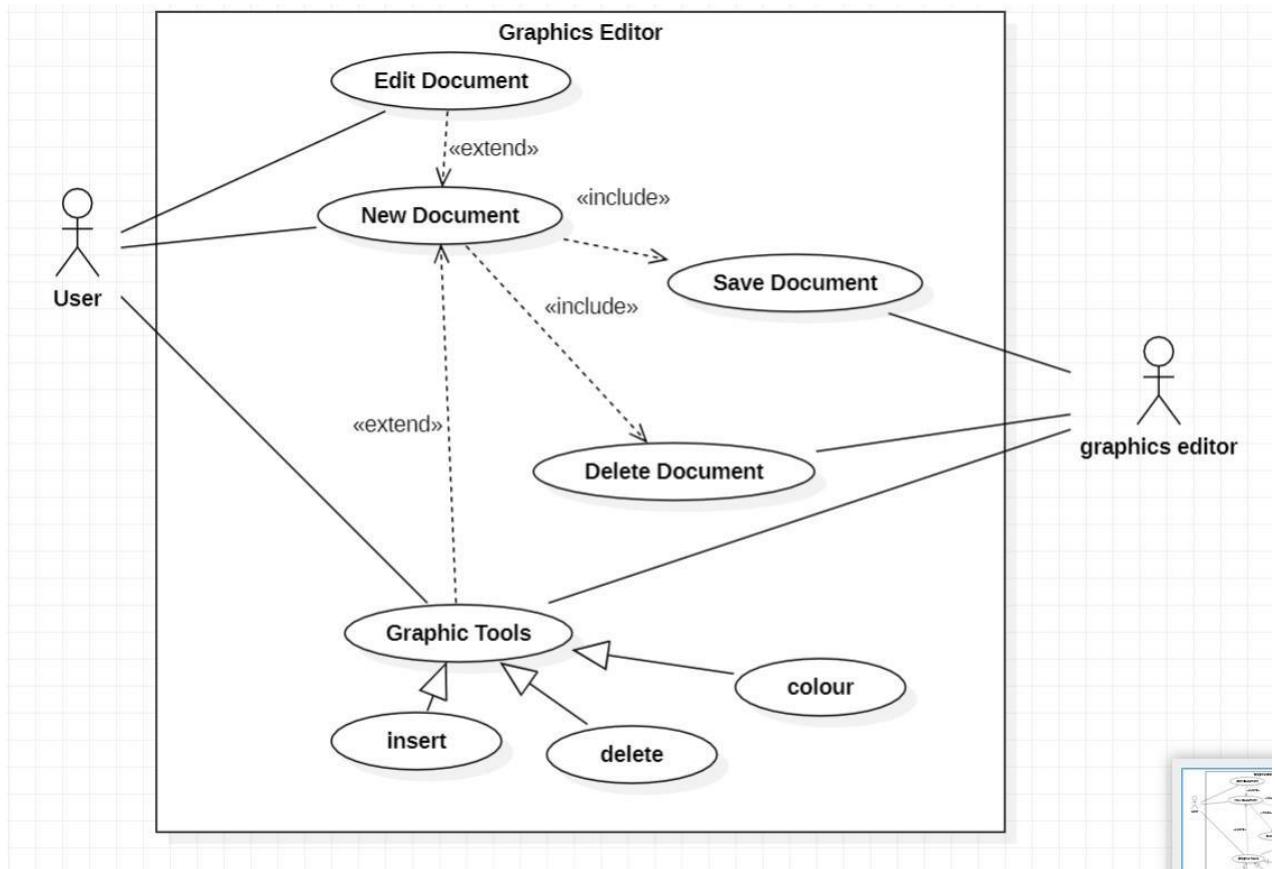


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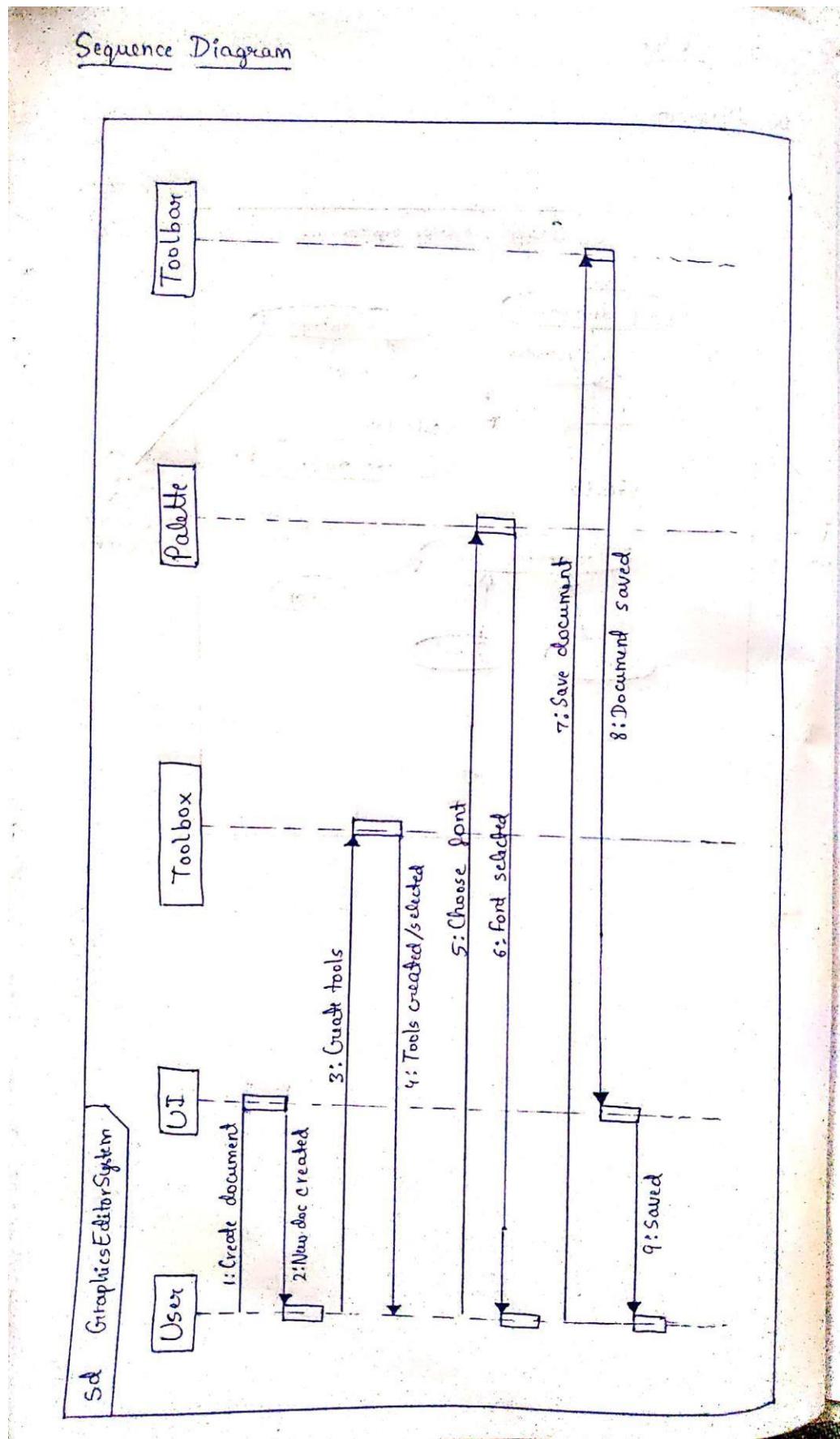
7. Graphics Editor

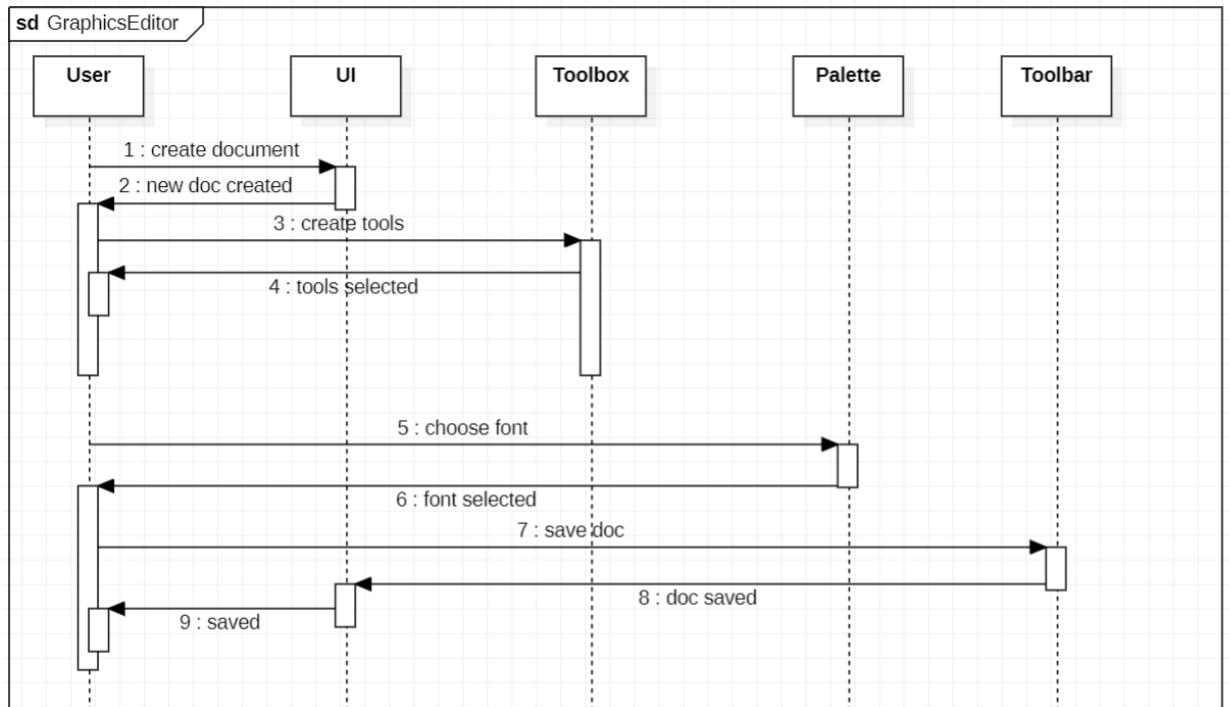
Use Case Diagram





Sequence Diagram:





Activity Diagram:

Activity Diagram

