VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JnanaSangama", Belgaum -590014, Karnataka.



LAB REPORT on

OBJECT ORIENTED MODELING AND DESIGN

Submitted by

DISHA N (1BM19CS051)

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
April-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



C ERTIFICATE

This is to certify that the Lab work entitled "OBJECT ORIENTED MODELING AND

DESIGN "carried out by **DISHA N** (1BM18CS051), 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 academic year 2021-2022. The Lab report has been approved as it satisfies the academic requirements in respect of an OBJECT ORIENTED MODELING AND DESIGN - (20CS6PCOMD) work prescribed for the said degree.

Sheetal V A Assistant Professor Department of CSE BMSCE, Bengaluru

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

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Index Sheet

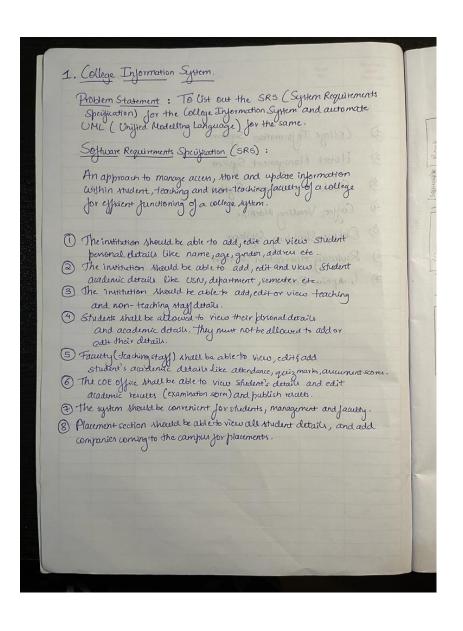
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Course Outcome

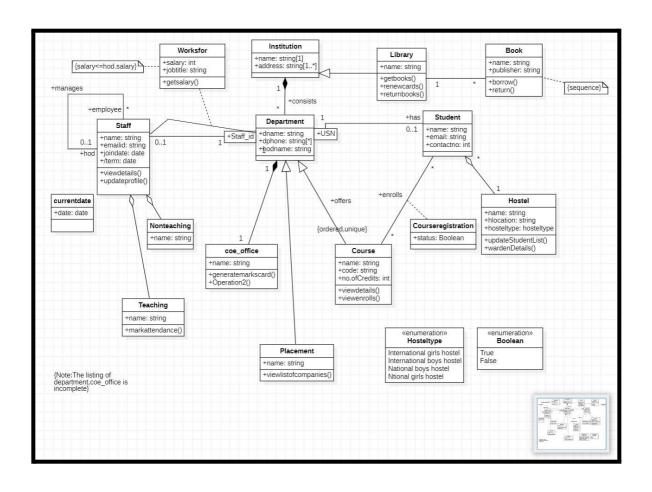
	Ability to conduct practical experiments to solve a given problem
C	using Unified Modeling language.

Exercise 1: College Information System

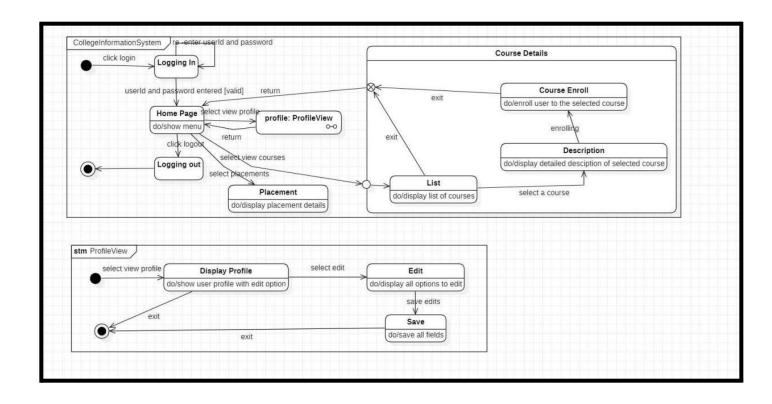
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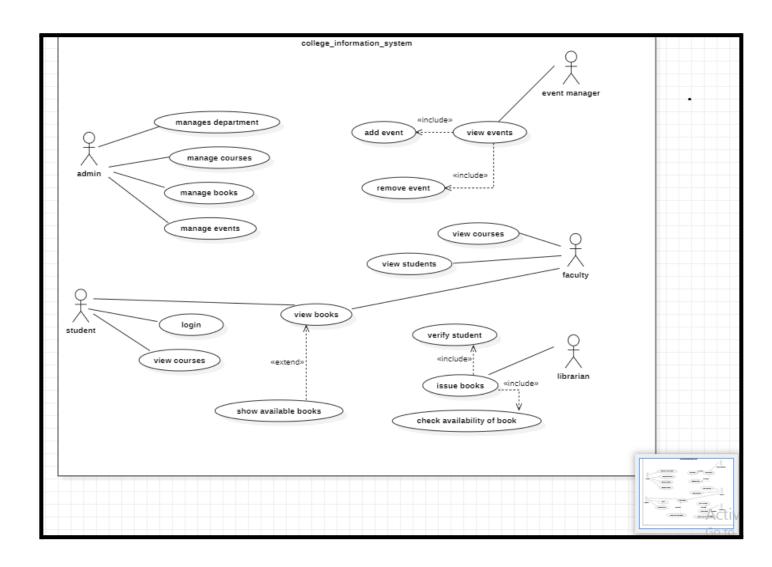
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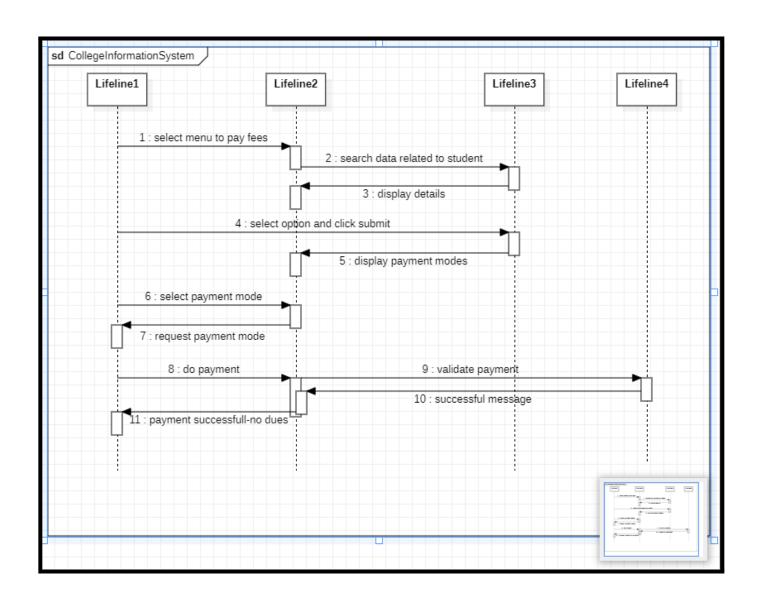
3. Draw the advanced state diagram



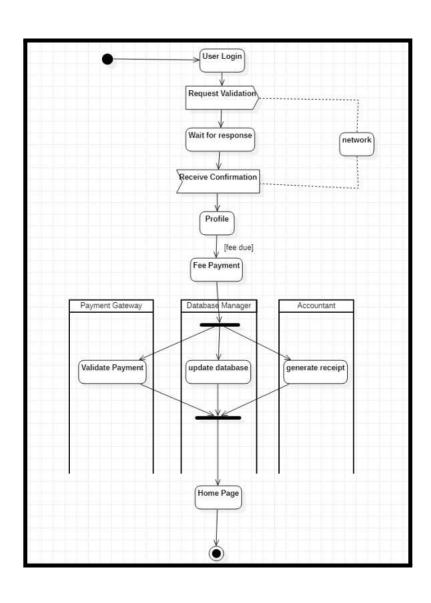
4. Draw the advanced use case diagram



5. Draw the advanced sequence diagram

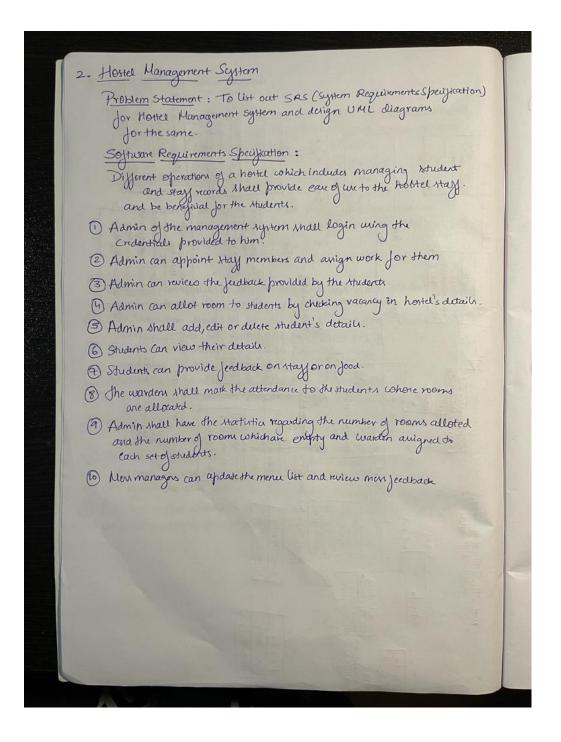


6. Draw the advanced activity diagram

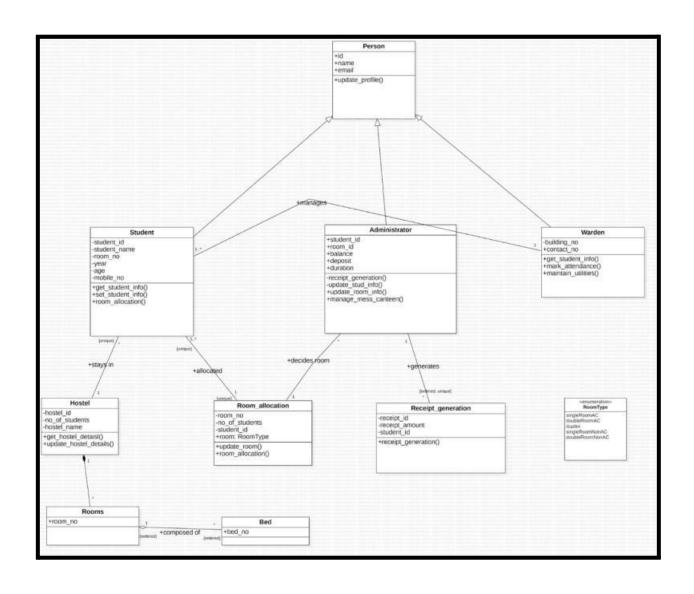


Exercise 2: Hostel Management System

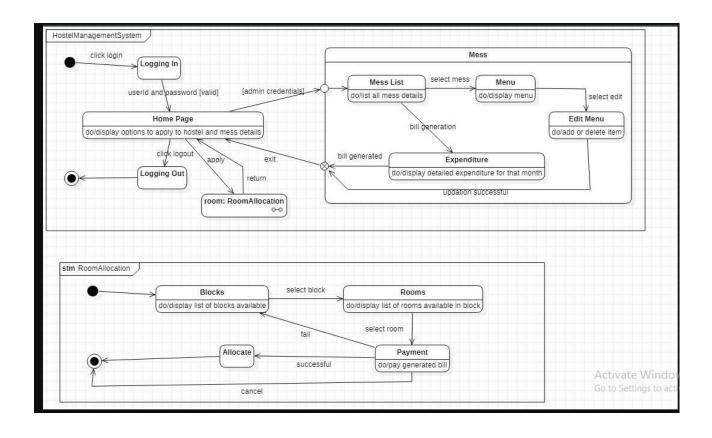
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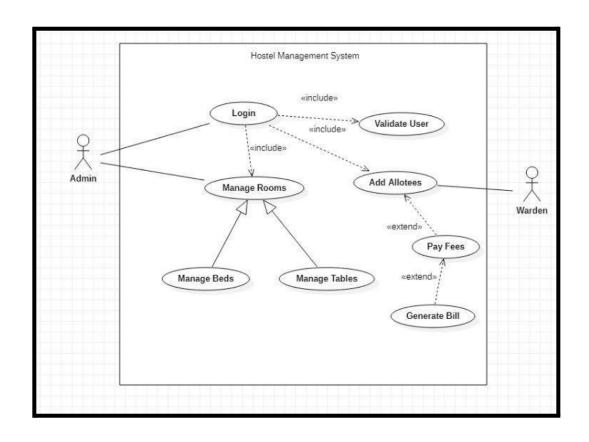
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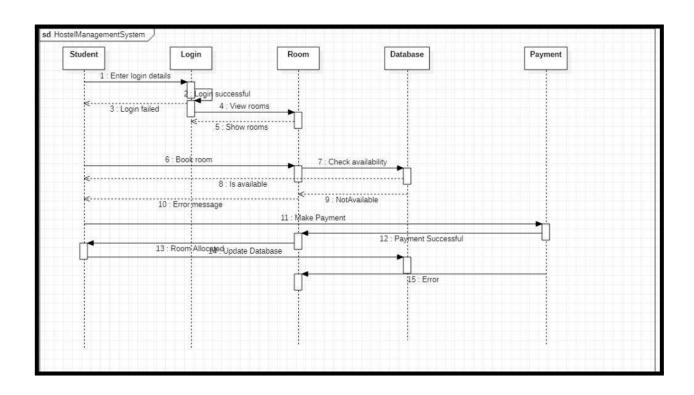
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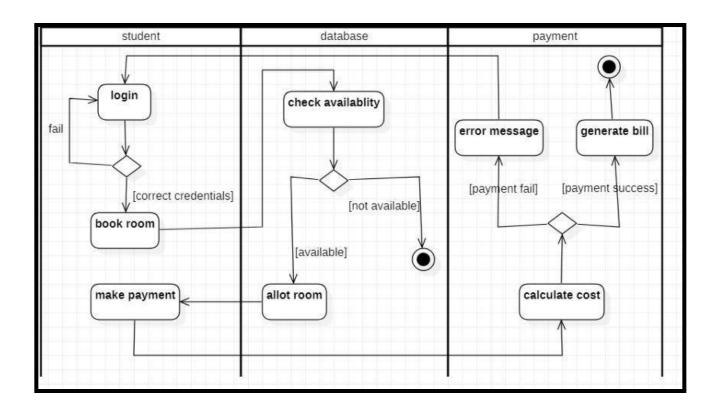
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5. Draw the advanced sequence diagram

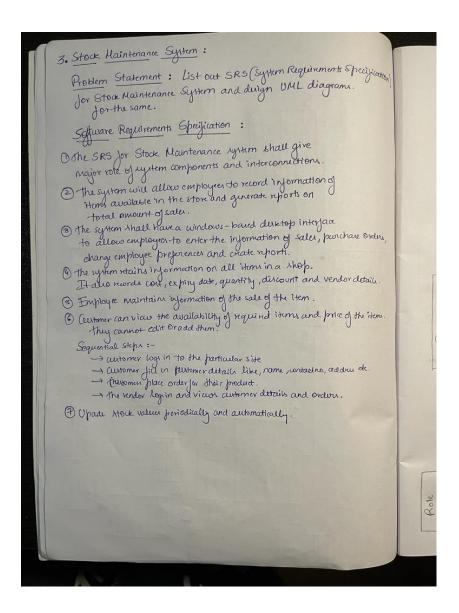


6. Draw the advanced activity diagram

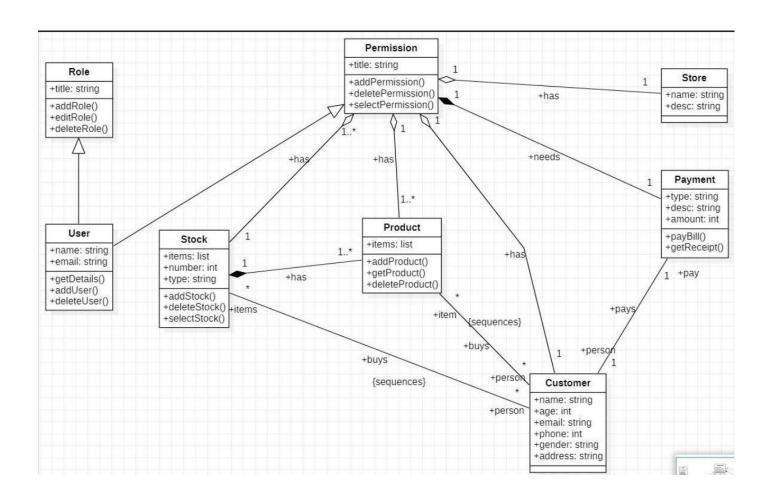


Exercise 3: Stock Management System

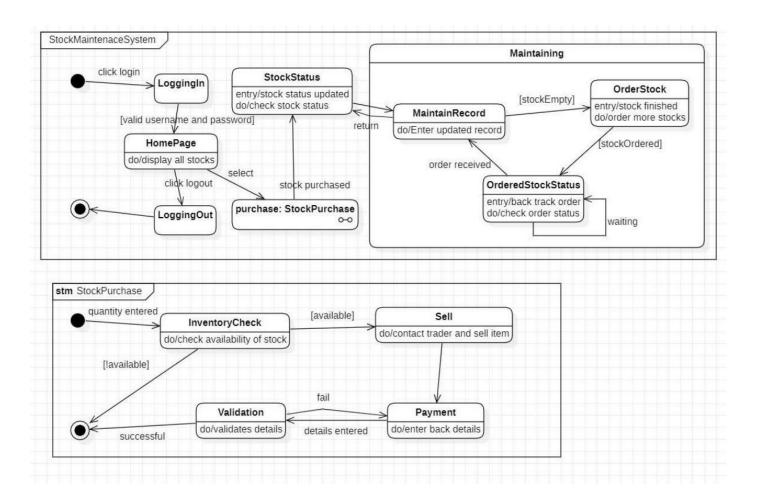
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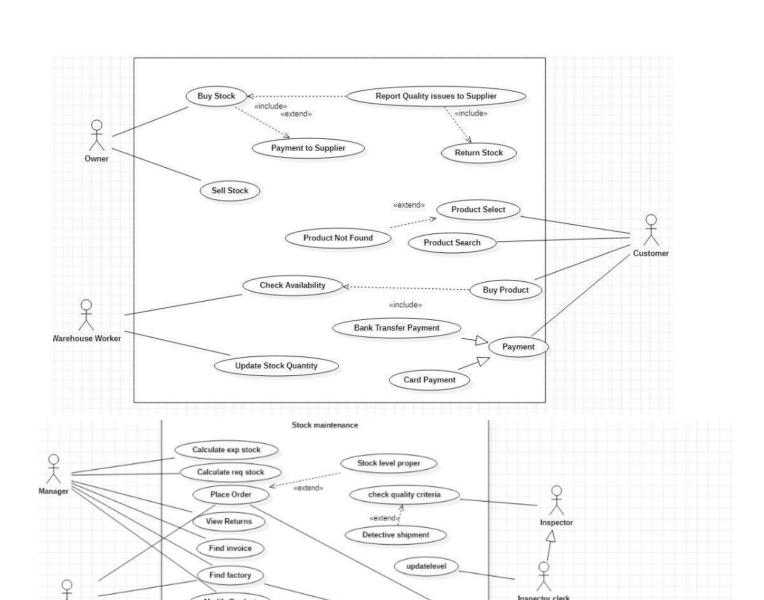
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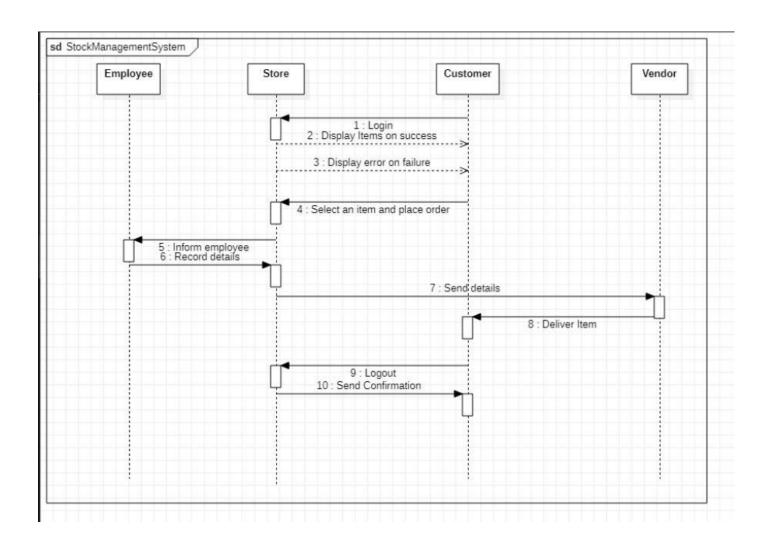
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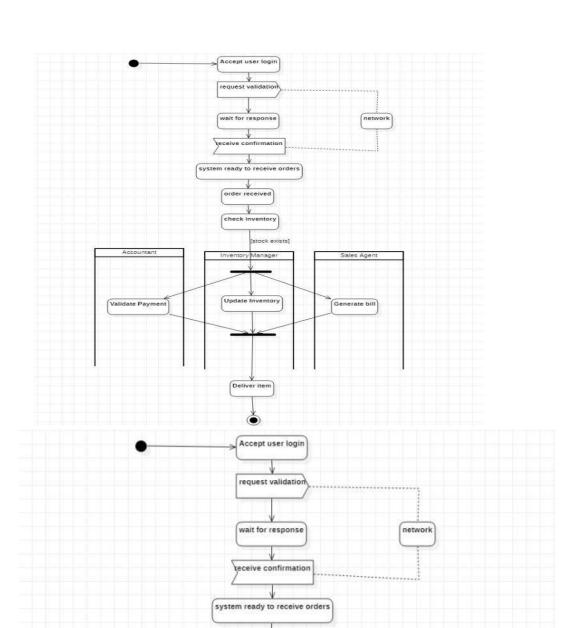
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5. Draw the advanced sequence diagram

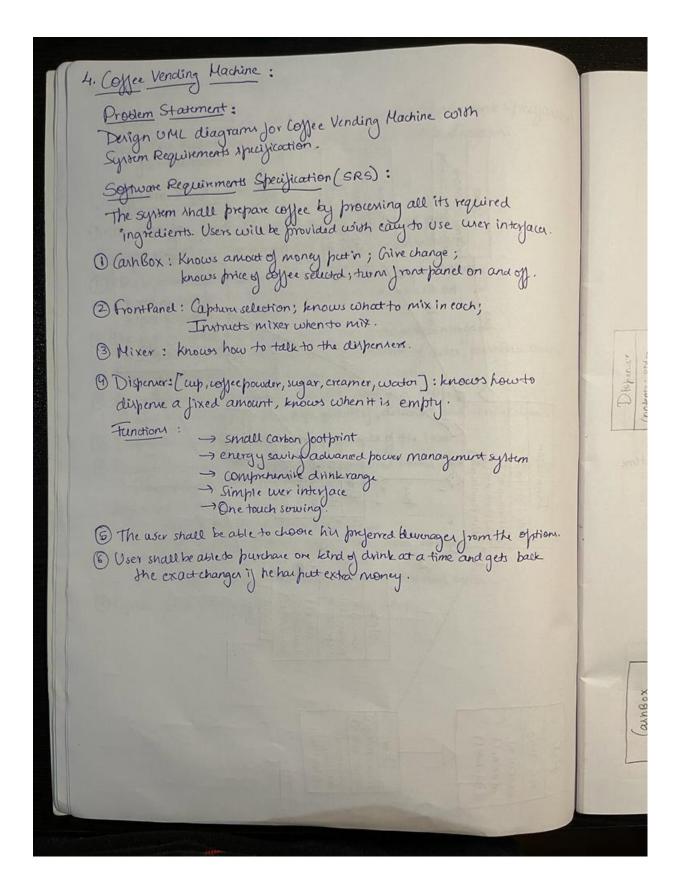


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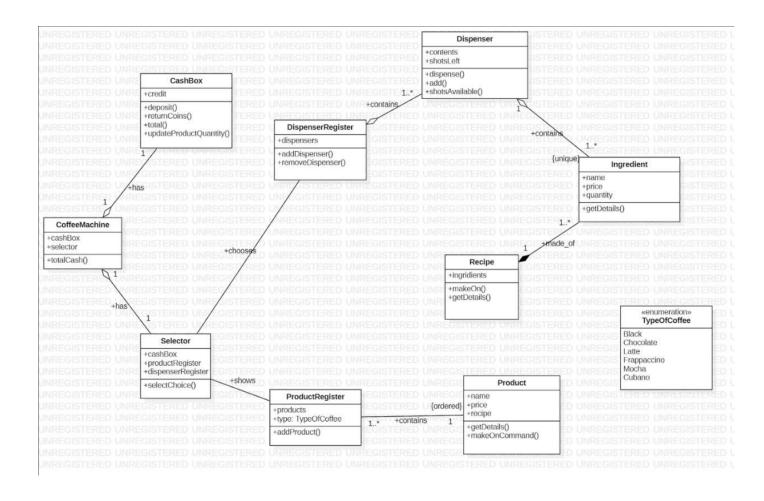


Exercise 4: Coffee Vending Machine

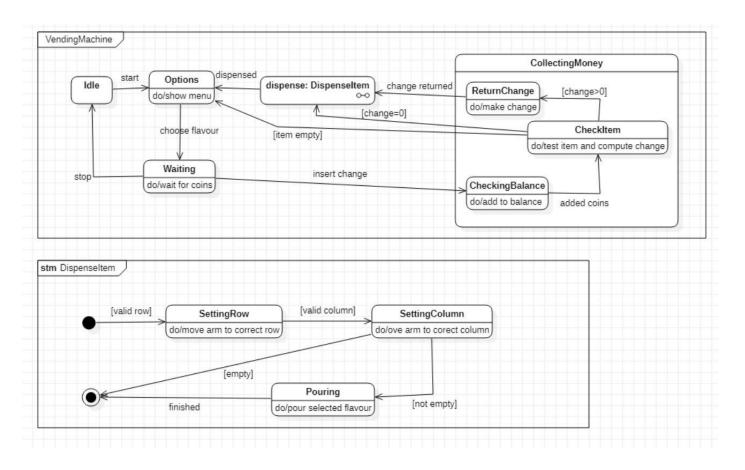
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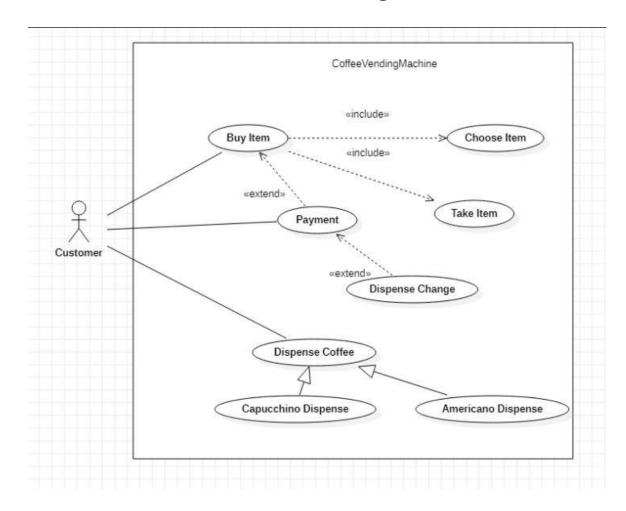
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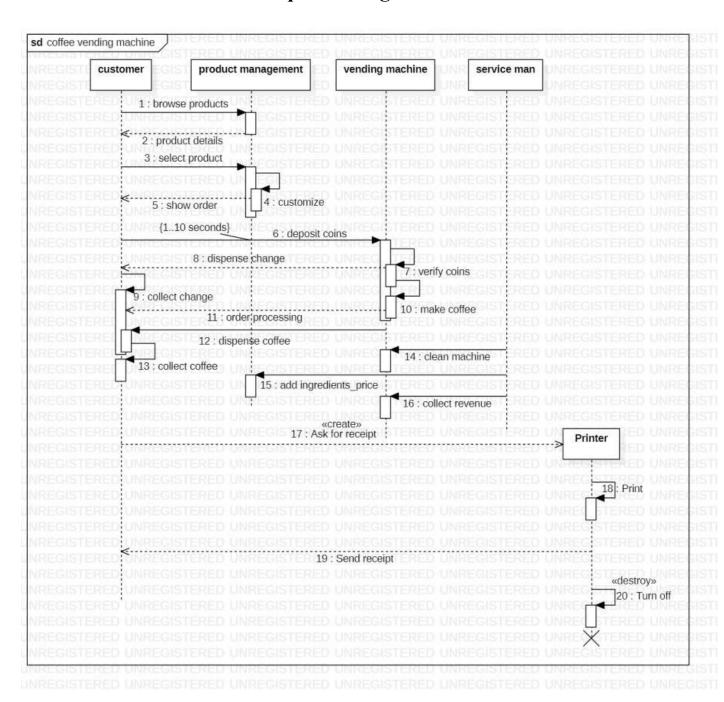
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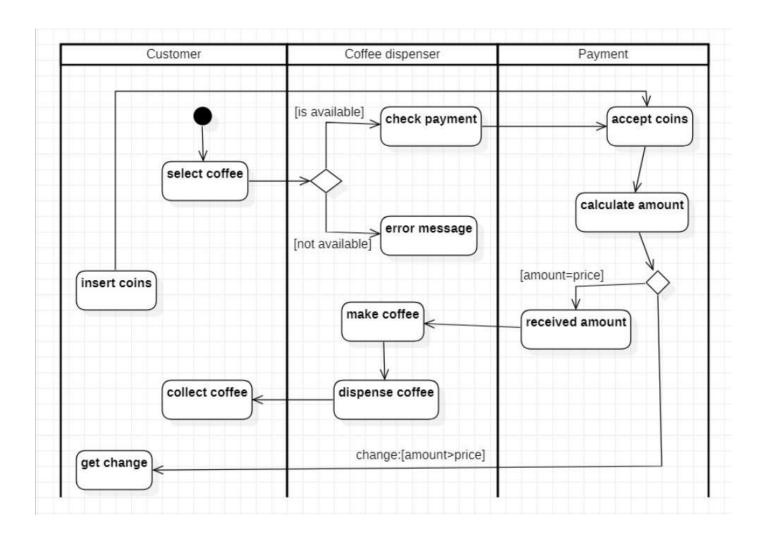
4. Draw the advanced use case diagram



5. Draw the advanced sequence diagram

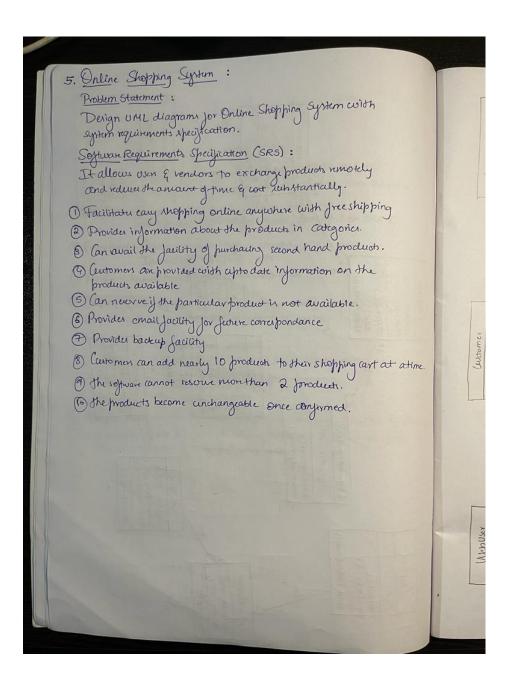


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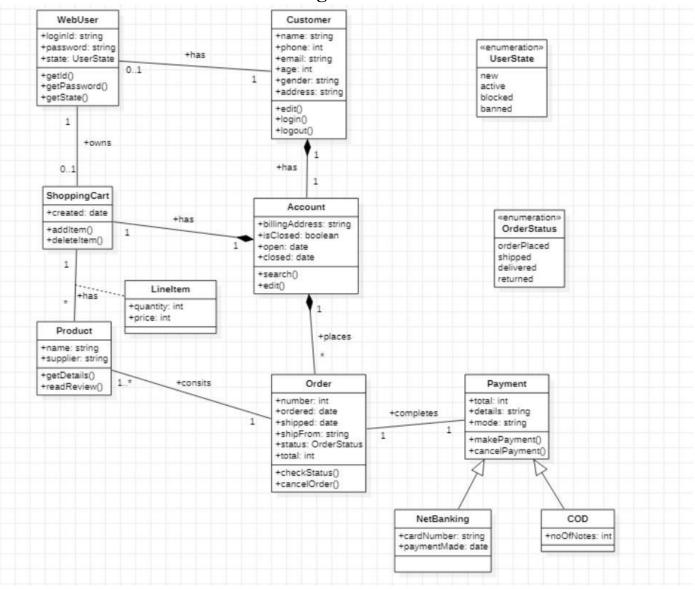


Exercise 5: Online Shopping System

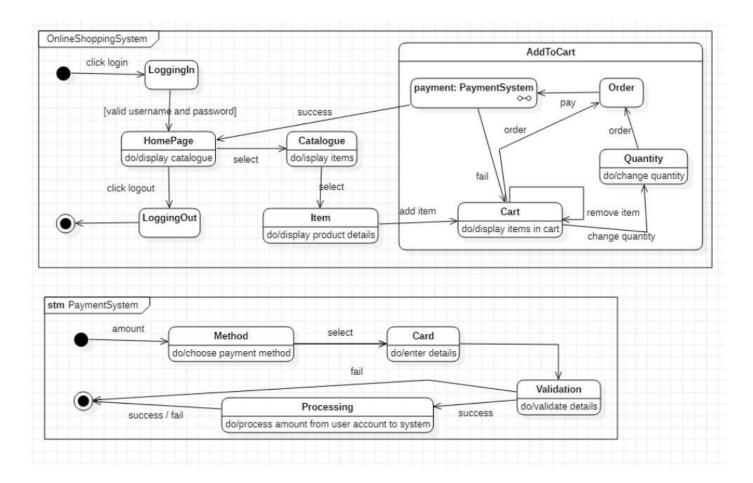
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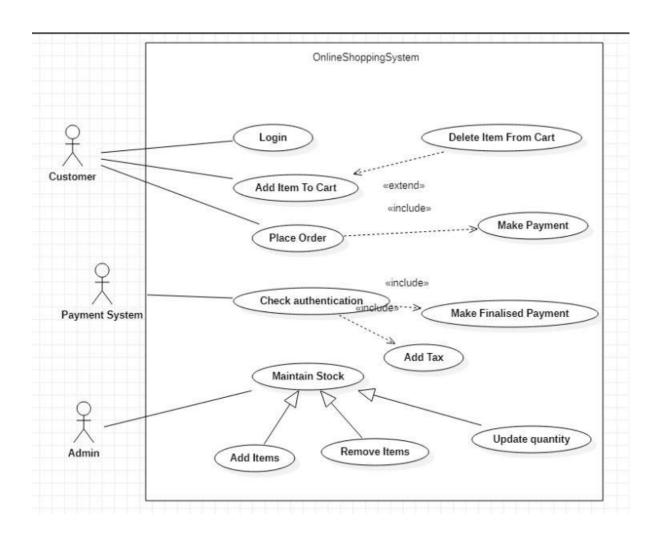
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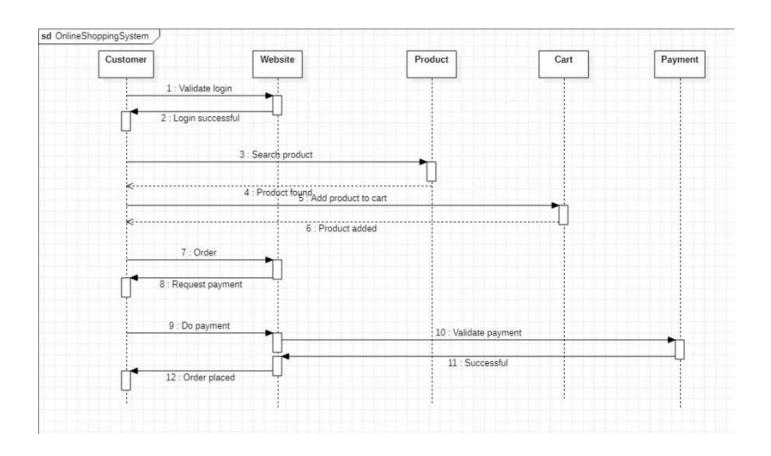
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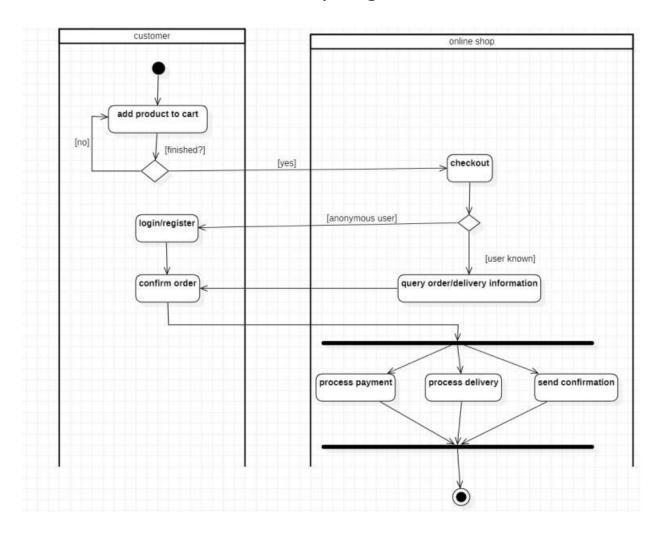
4. Draw the advanced use case diagram



5. Draw the advanced sequence diagram

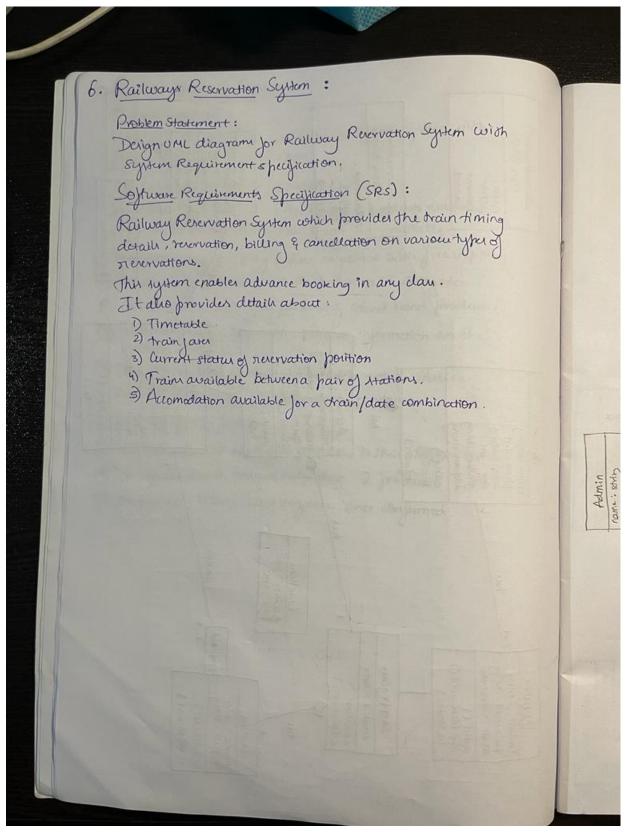


6. Draw the advanced activity diagram

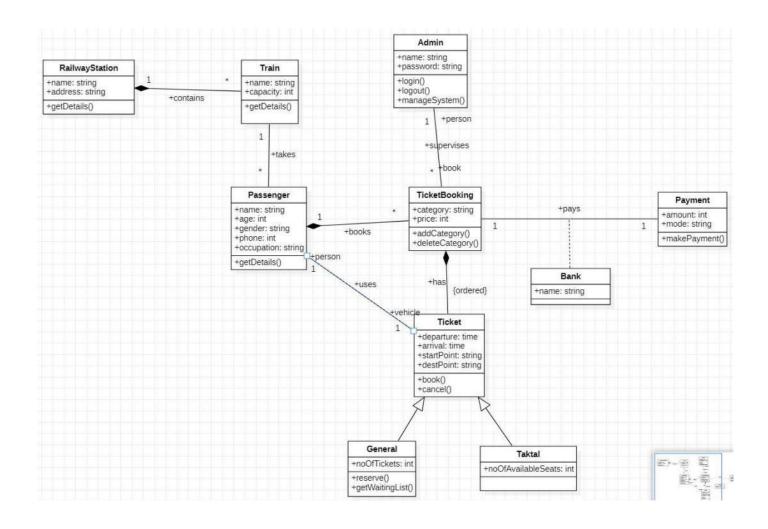


Exercise 6: Railway Reservation System

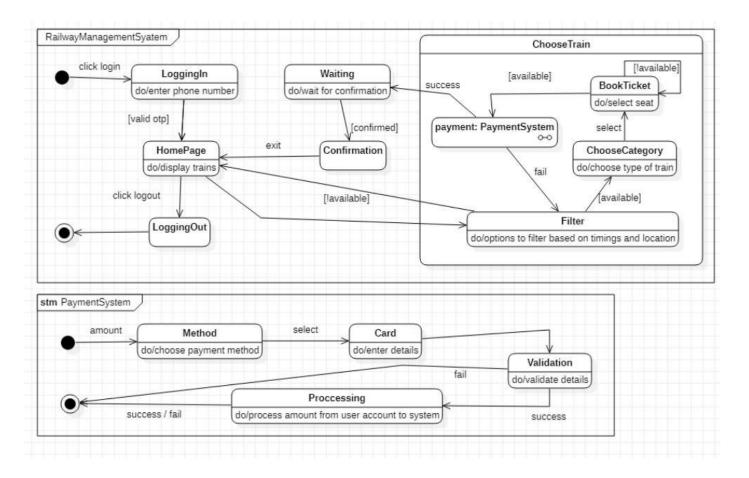
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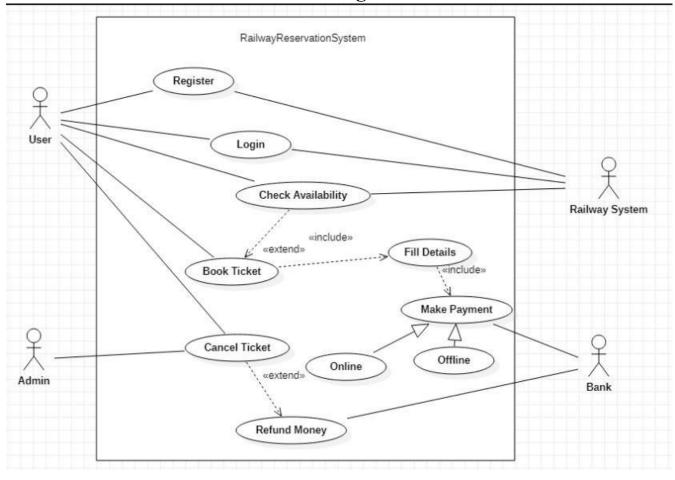
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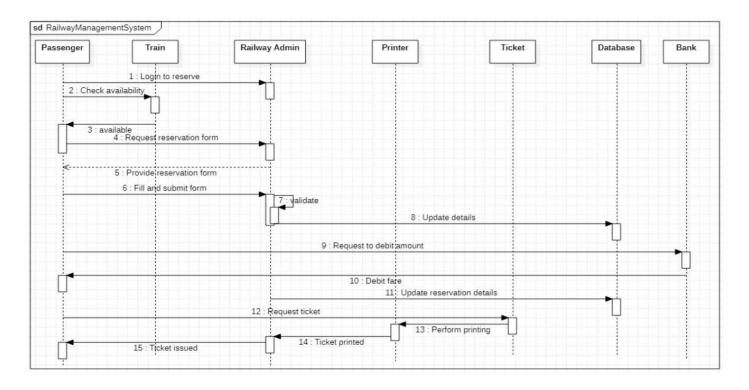
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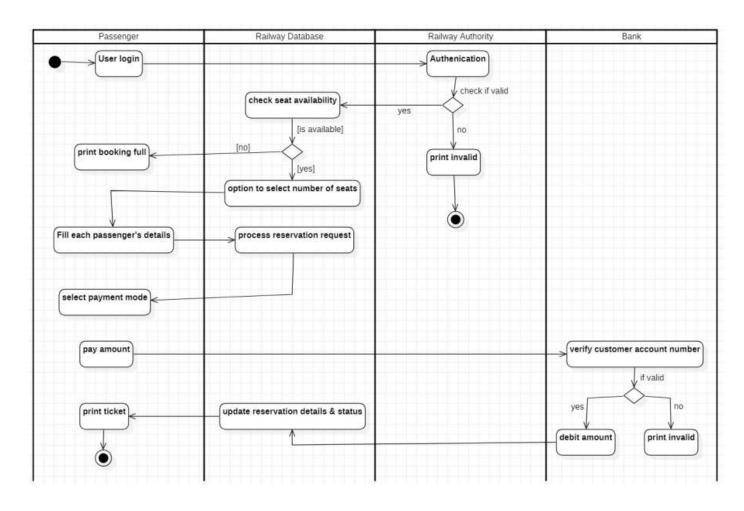
4. Draw the advanced use case diagram



5. Draw the advanced sequence diagram

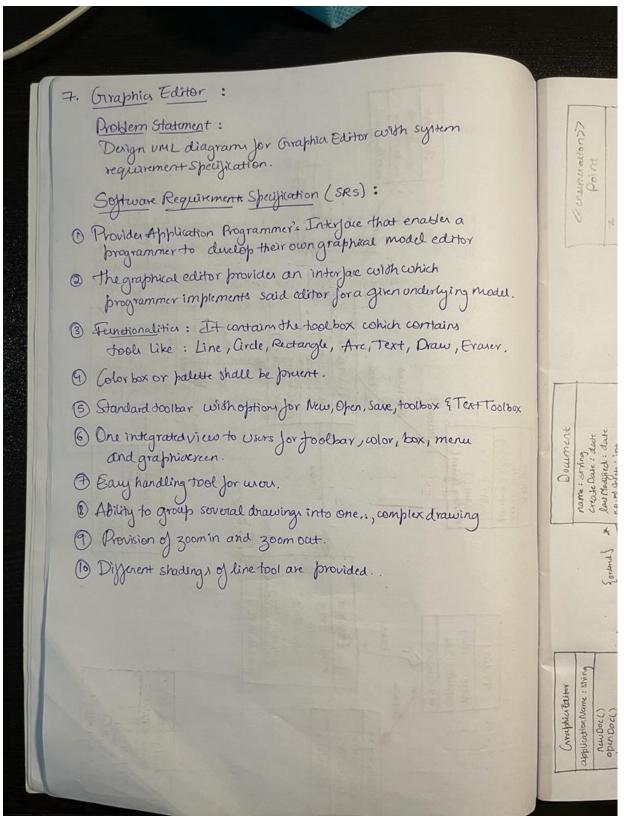


6. Draw the advanced activity diagram

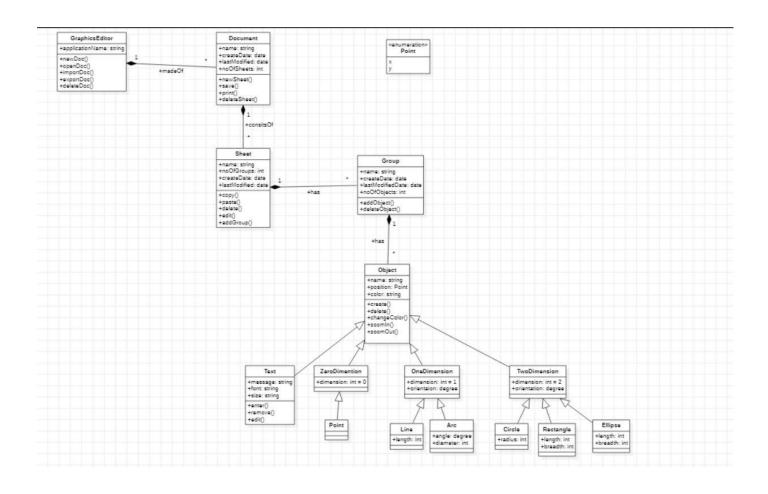


Exercise 7: Graphics Editor System

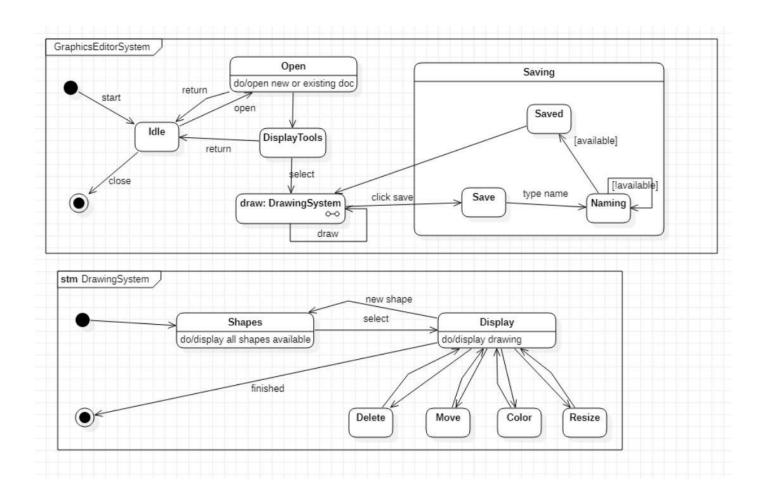
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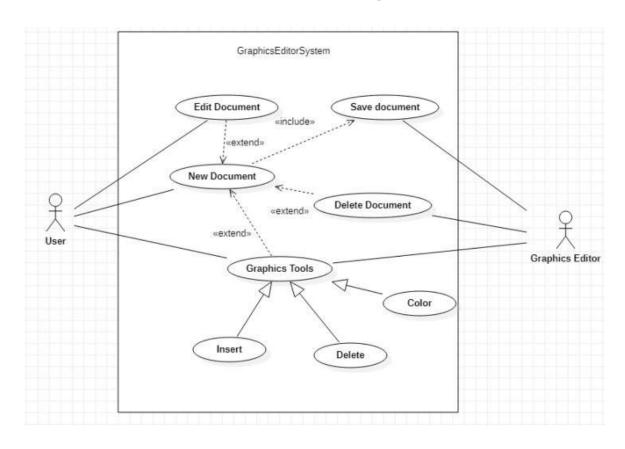
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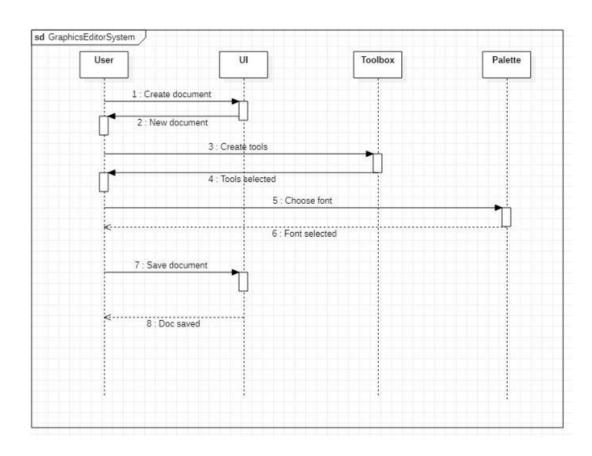
3. Draw the advanced state diagram



4. Draw the advanced use case diagram



5. Draw the advanced sequence diagram



6. Draw the advanced activity diagram

