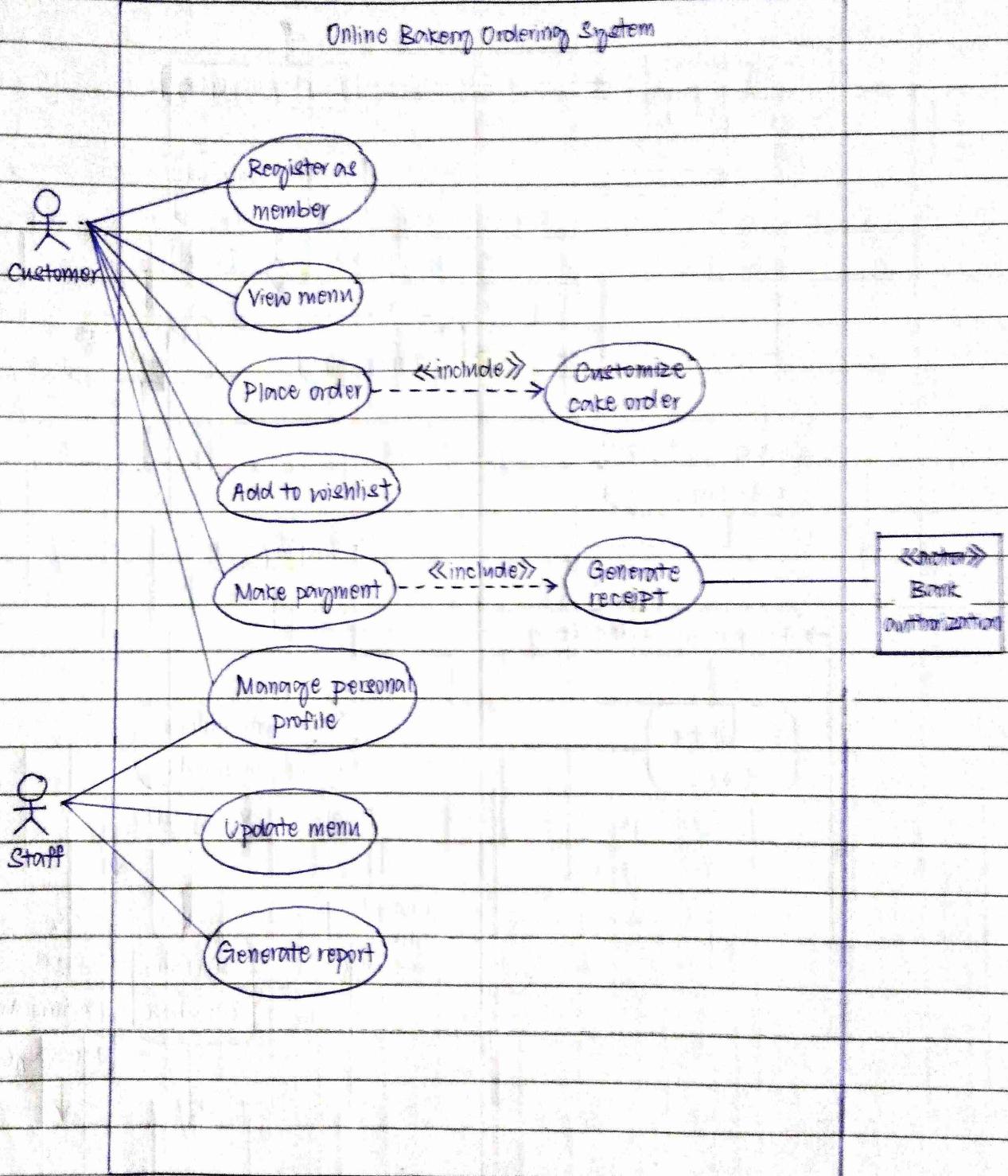


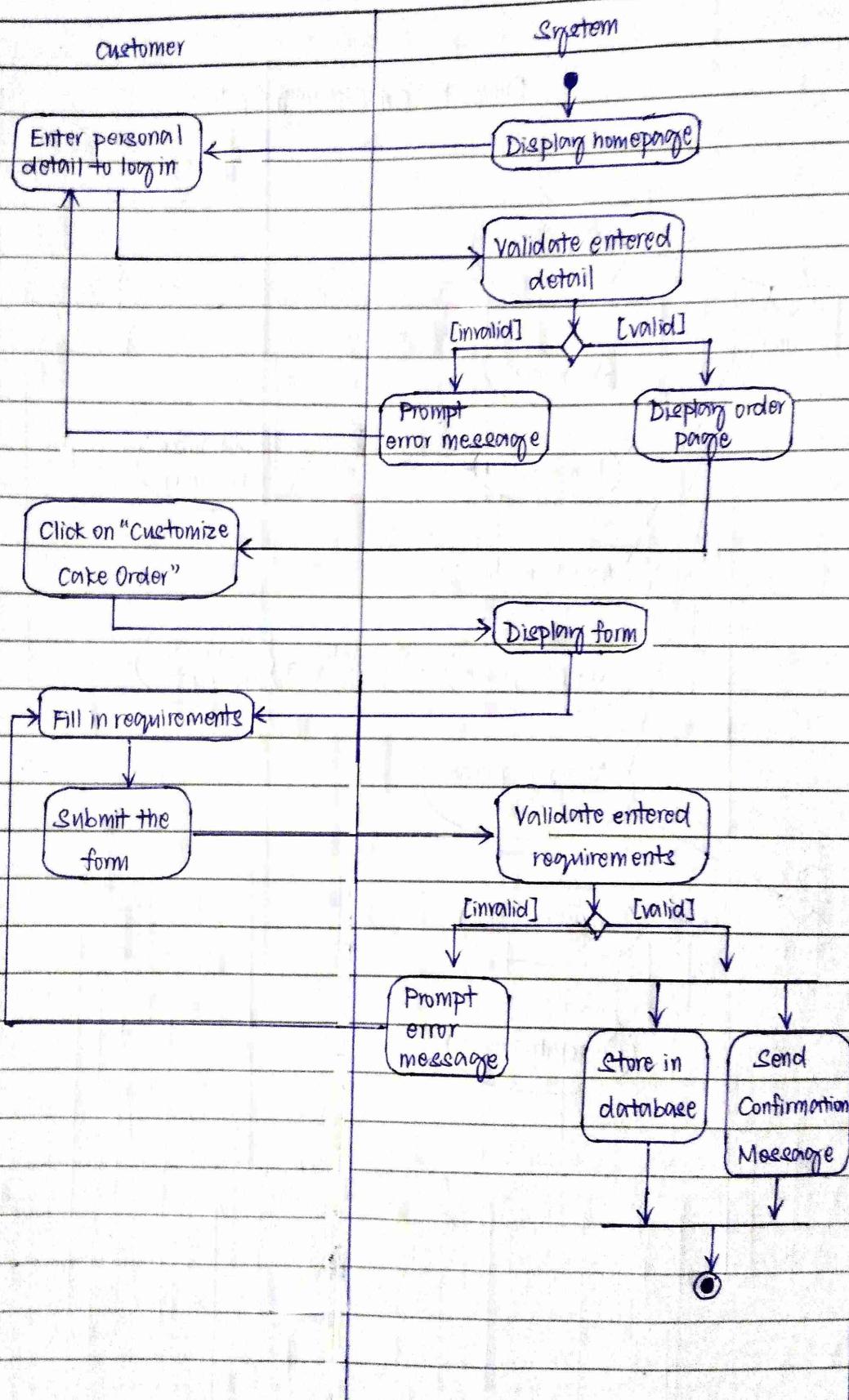
18 October 2022

Question 1

a)



b)

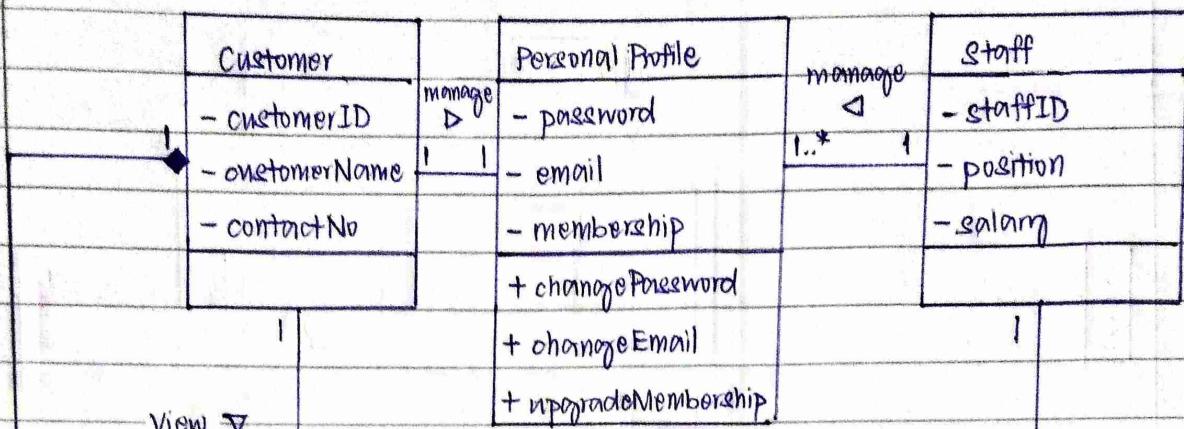
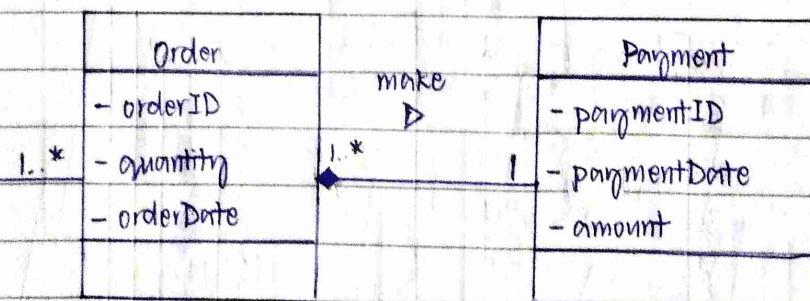
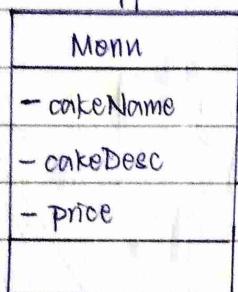


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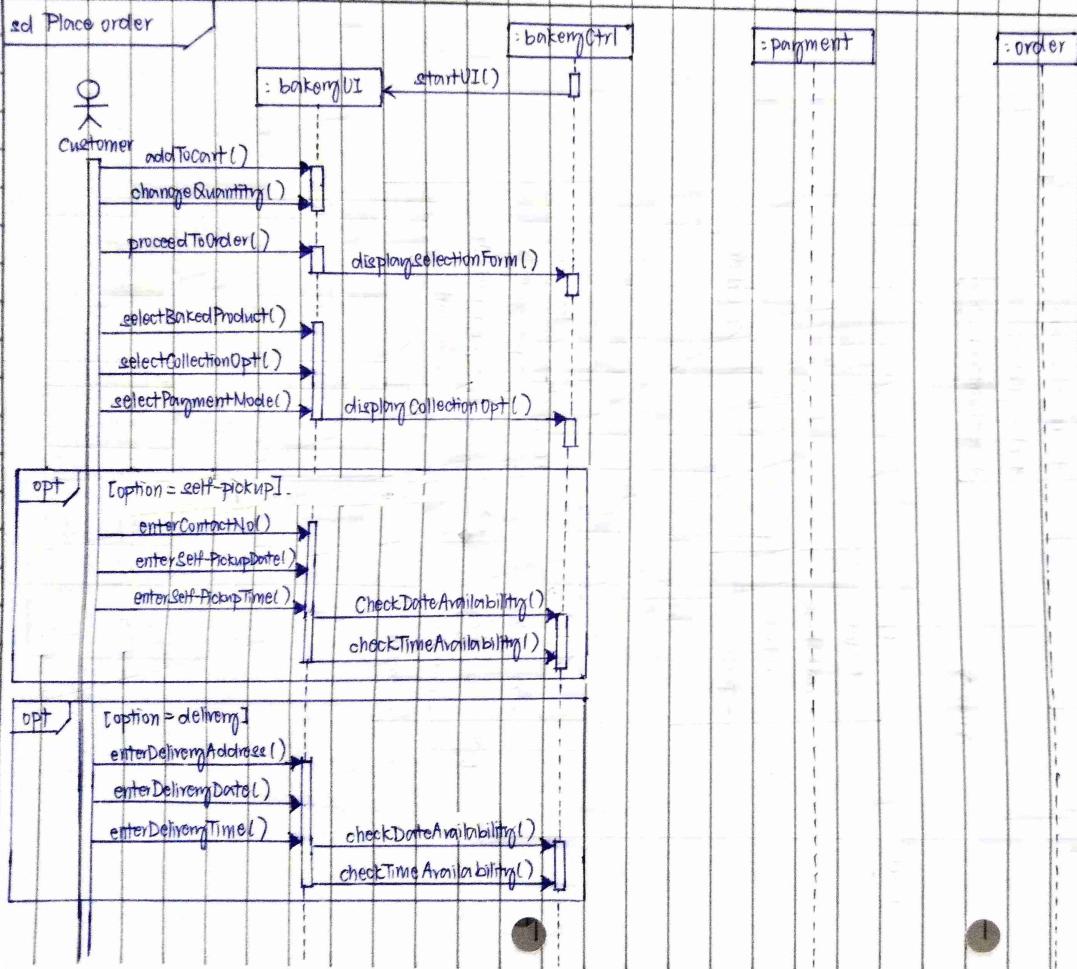
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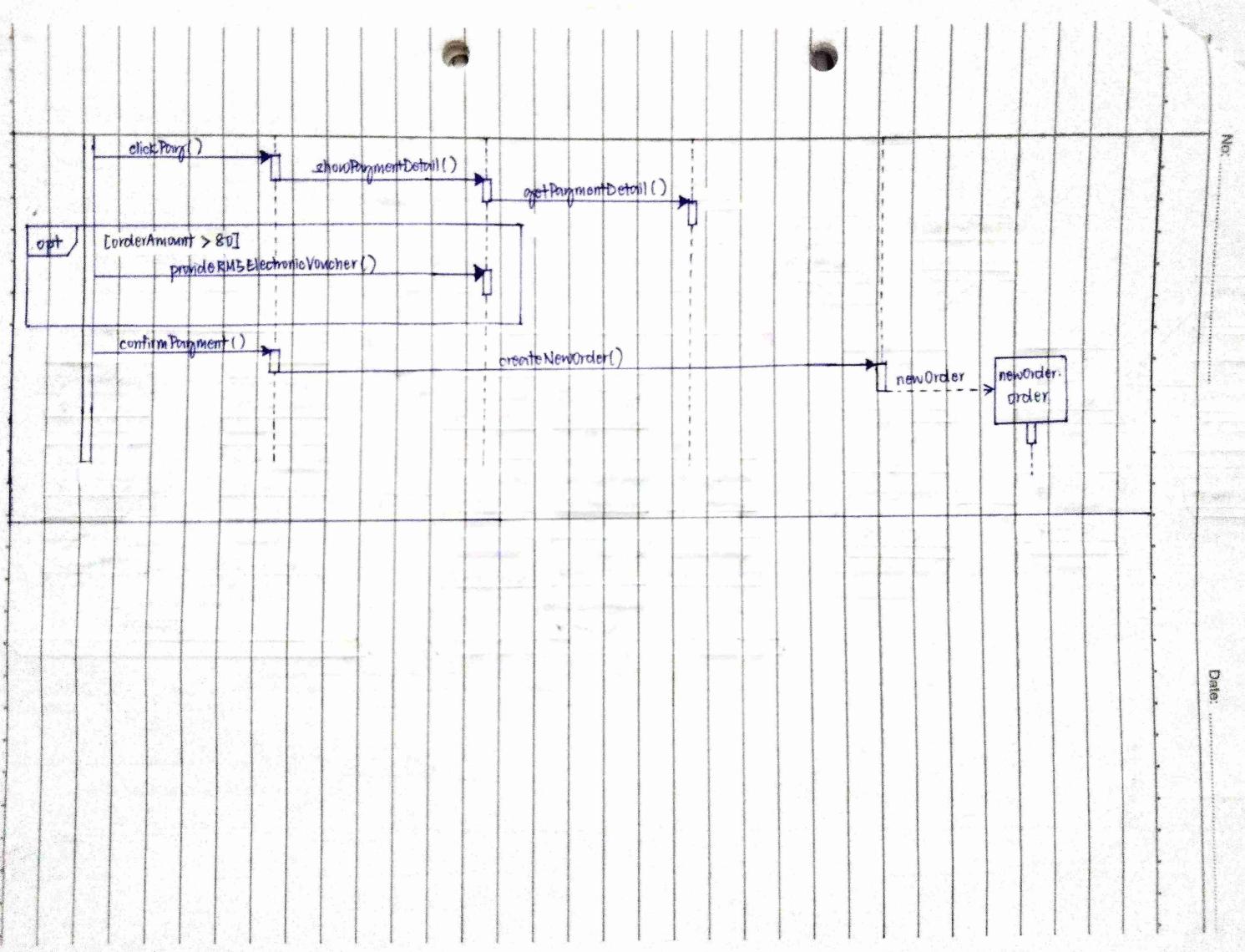
Question 2

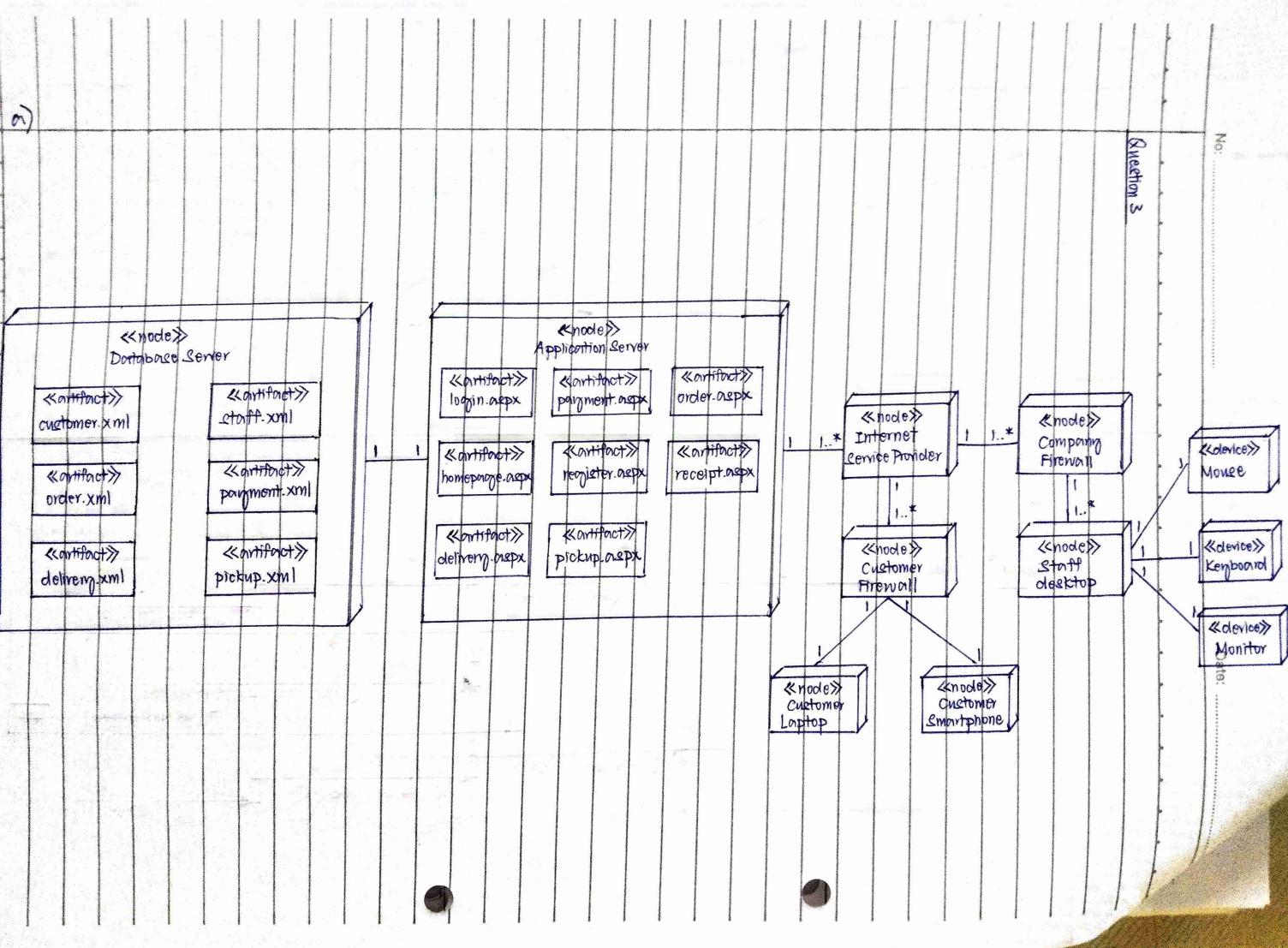
a)

make
▼

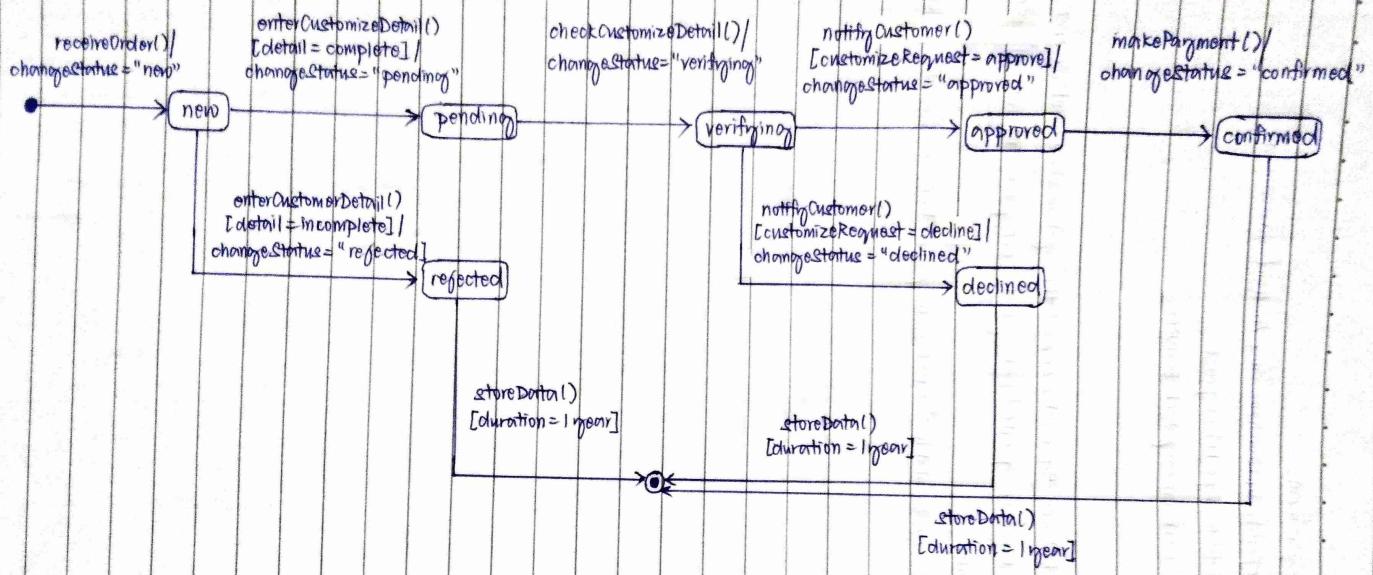
b)







b)



C) NFR 1.0 Operational Requirements

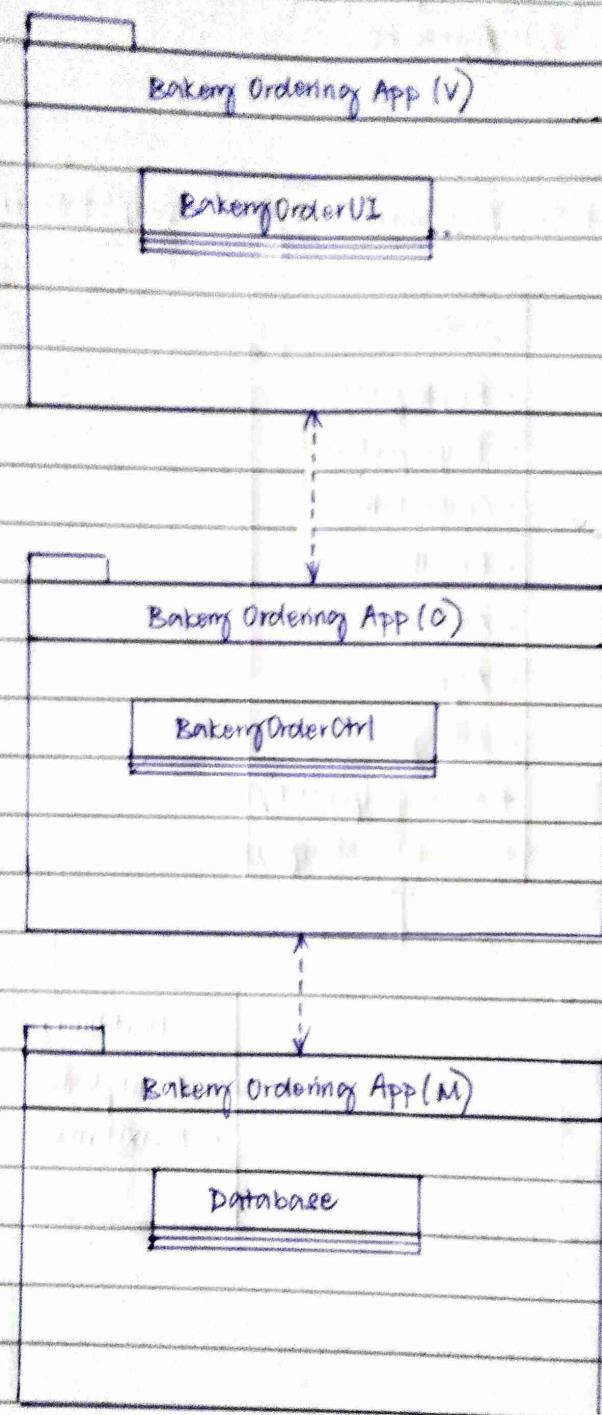
- 1.1 The system shall operate in Windows and Android environments.
- 1.2 The system shall fit in a pocket or purse.
- 1.3 The system shall work on any Web browser.

NFR 2.0 Performance

- 2.1 Any interaction between the customer and the system should not exceed 2 seconds.
- 2.2 The system shall receive updated bakery order every moment with the delay time not more than 1 minute.
- 2.3 The system shall be available for use during operation hours of the bakery.

Question 4

a)



No:

Date:

b) (i) context PermanentStaff inv: self.salary > 2000

context PermanentStaff inv: self.Age < 60

(ii) PartTimer should not inherit from PermanentStaff, because part timer does not have EPF.

Staff
- EmployeeID
- EmployeeName
- ContactNo
- Email
- Address
- Age
- Salary
+ getEmployeeID()
+ CalculateSalary()



PermanentStaff	PartTimer
- EPF	- HourlyRate
- SOSCO	- MaxHours