Requirements Analysis Document

Software Engineering BCS 6D

Restaurant Management System

Prepared By

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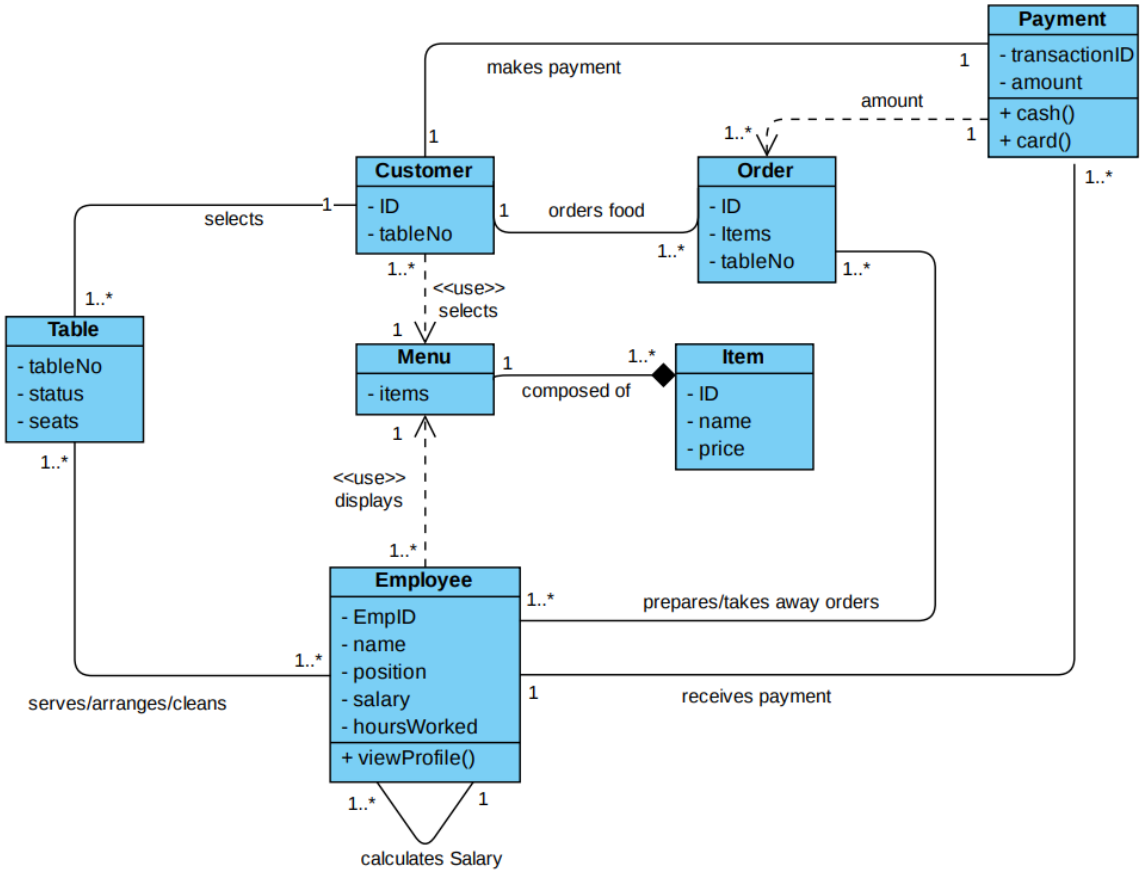
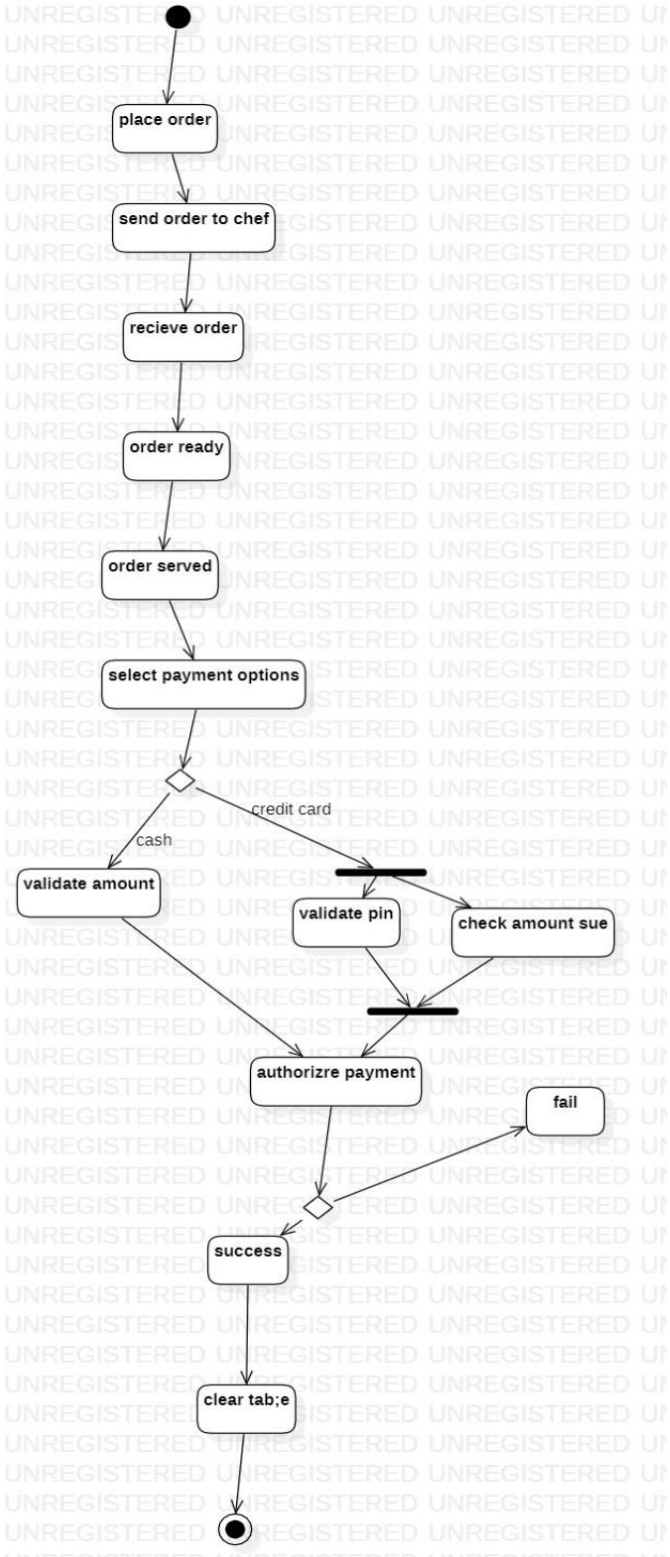
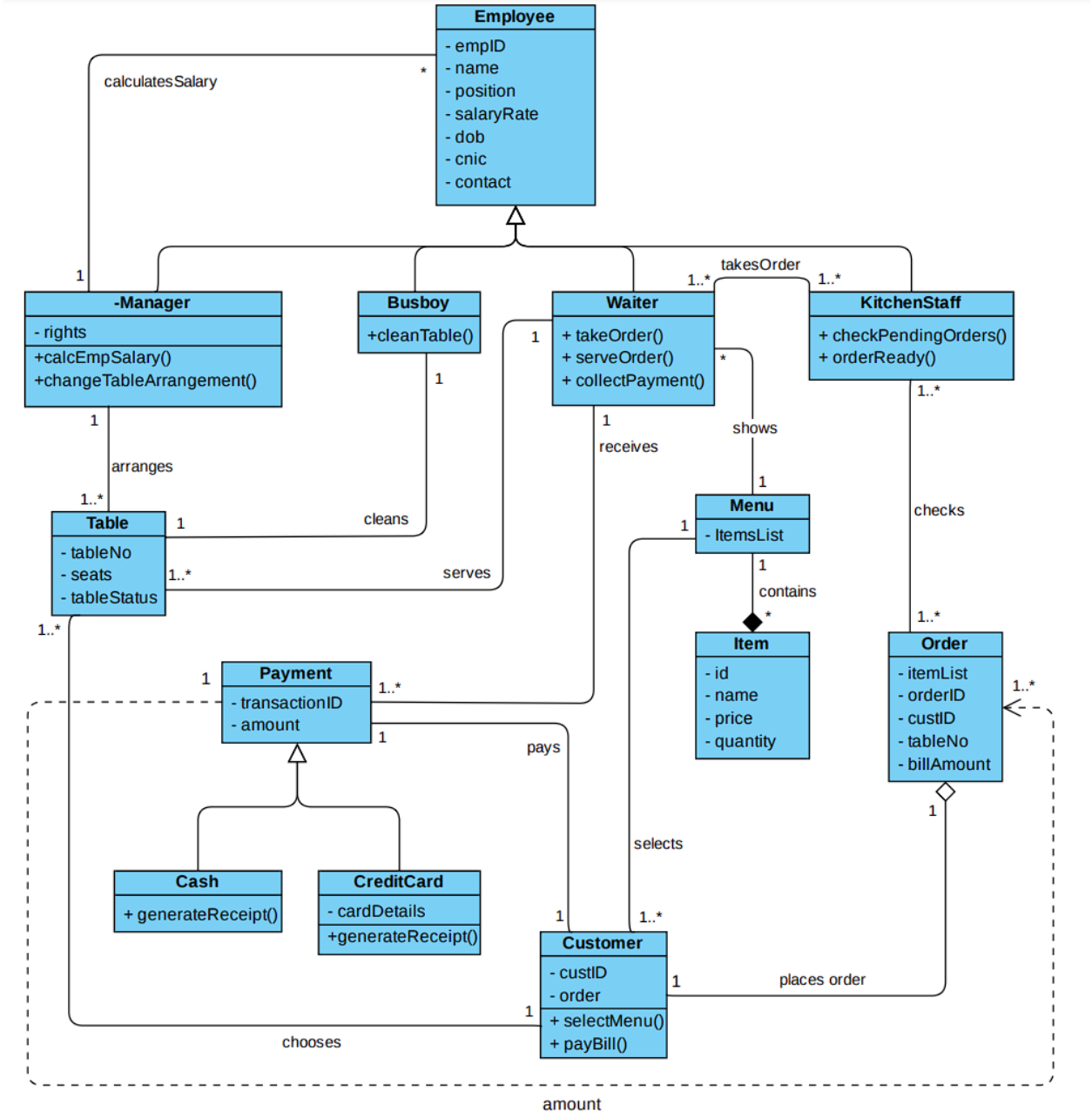
Domain Model:



State Diagram:

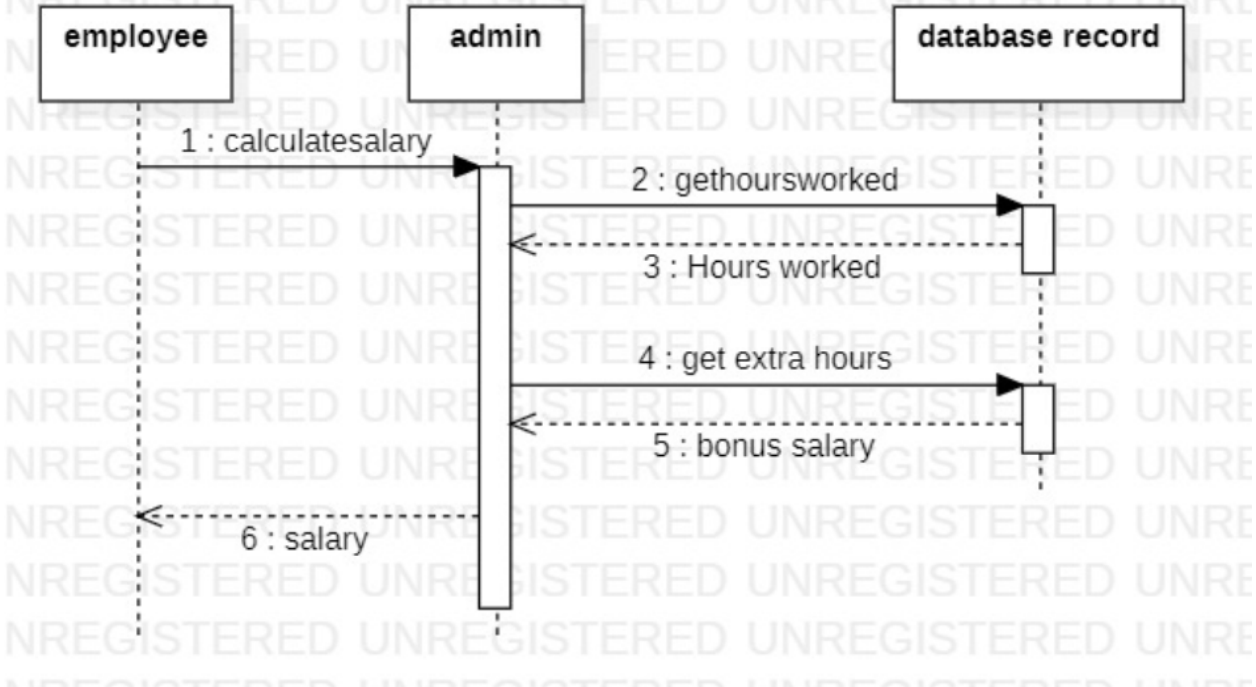


Class Diagram:

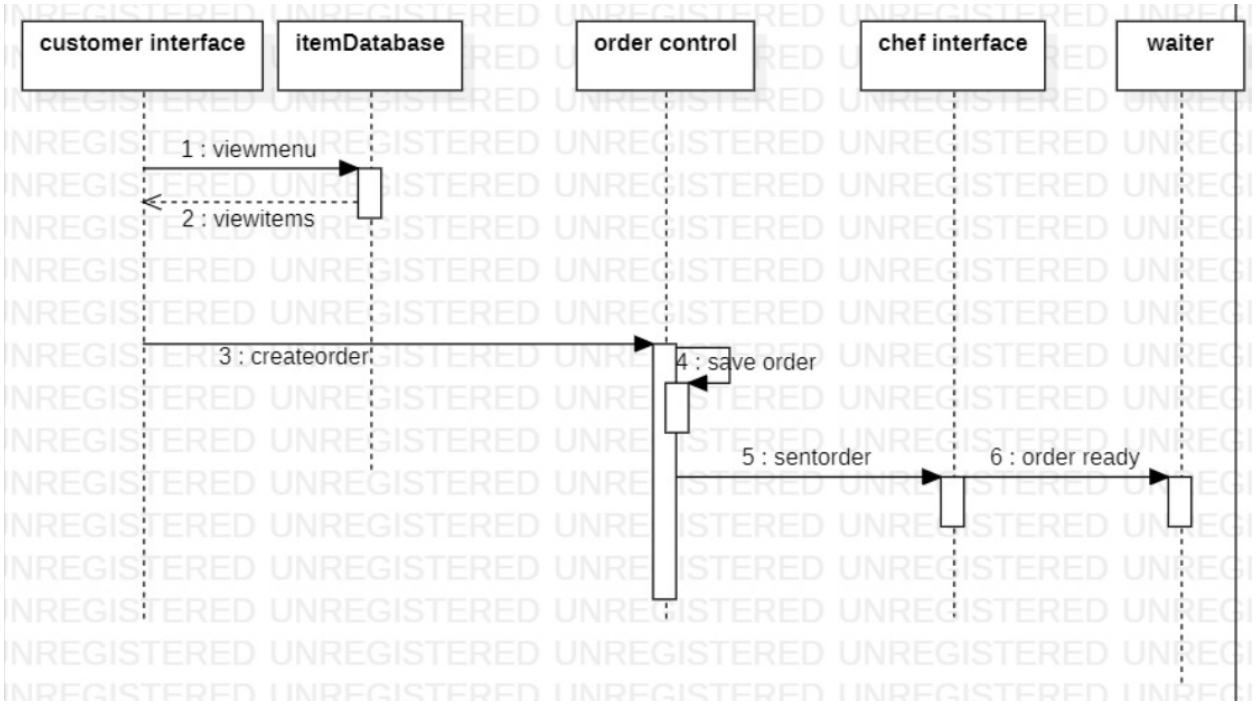


Sequence Diagrams:

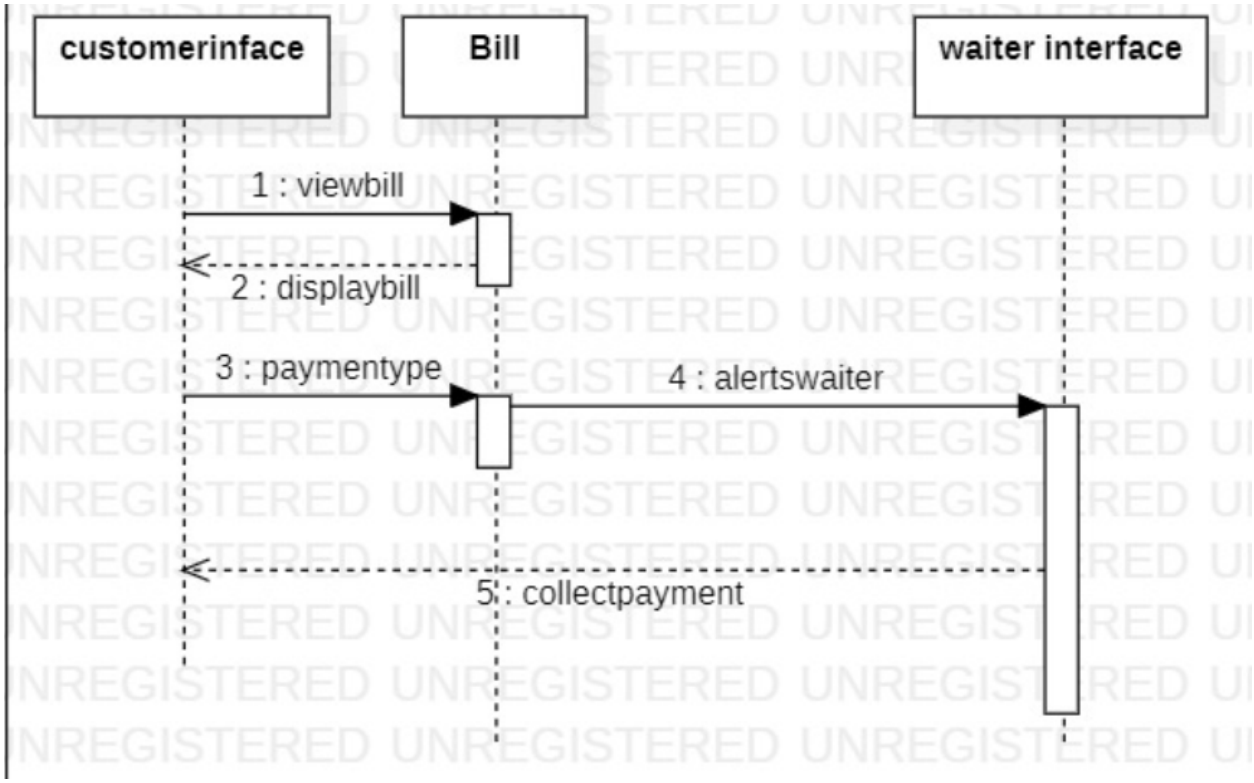
Calculate Salary:



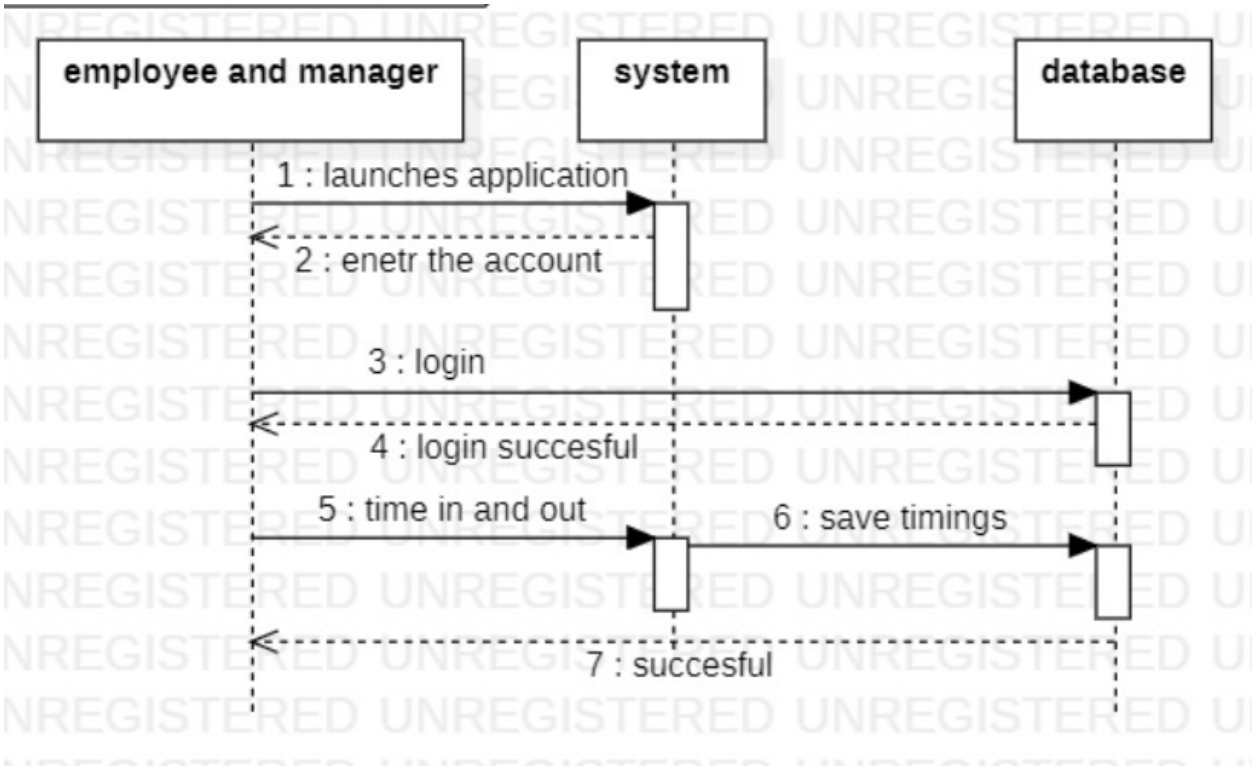
Create Order:



Payment Collection:



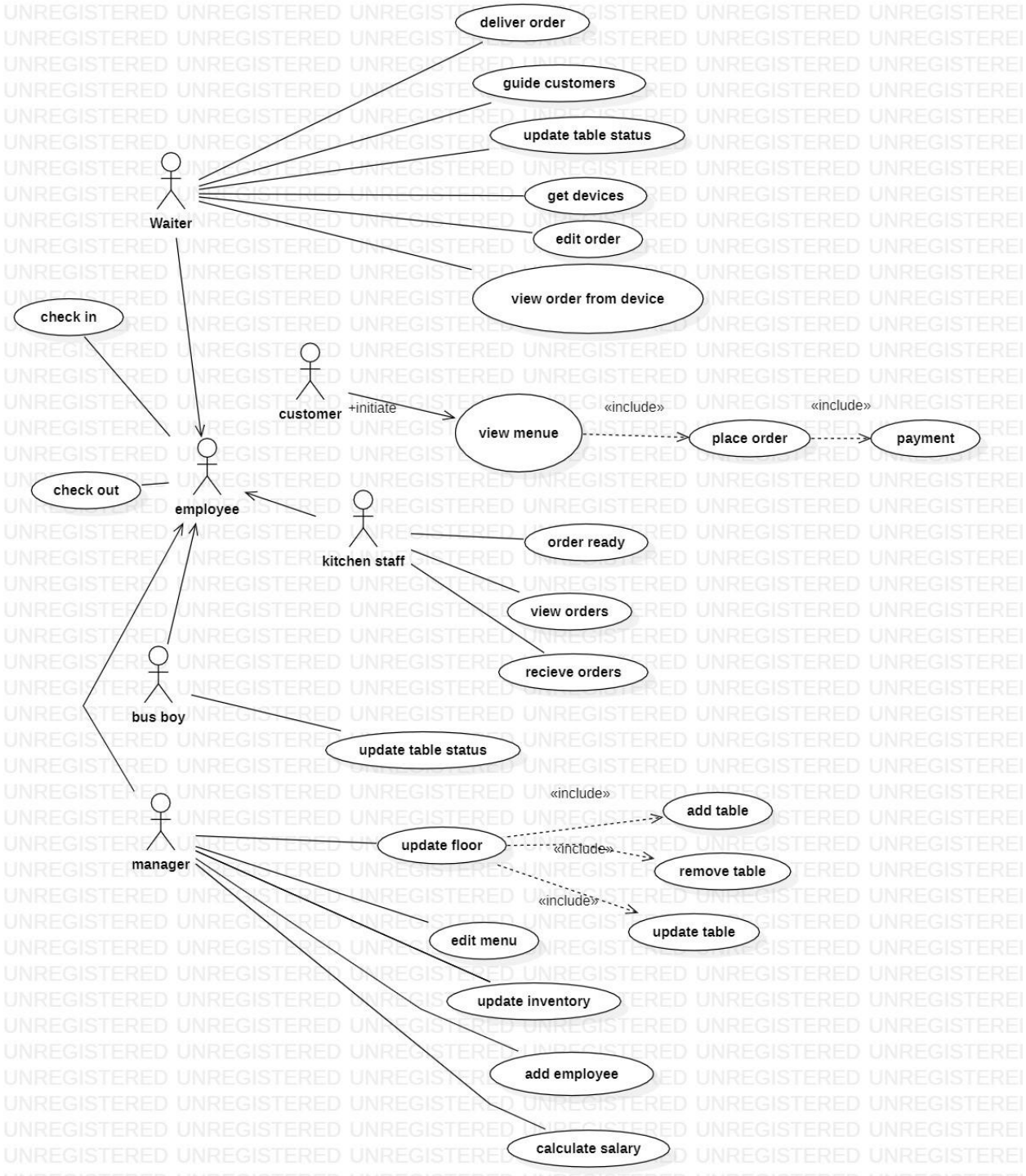
Employee Hours:



Use Cases:

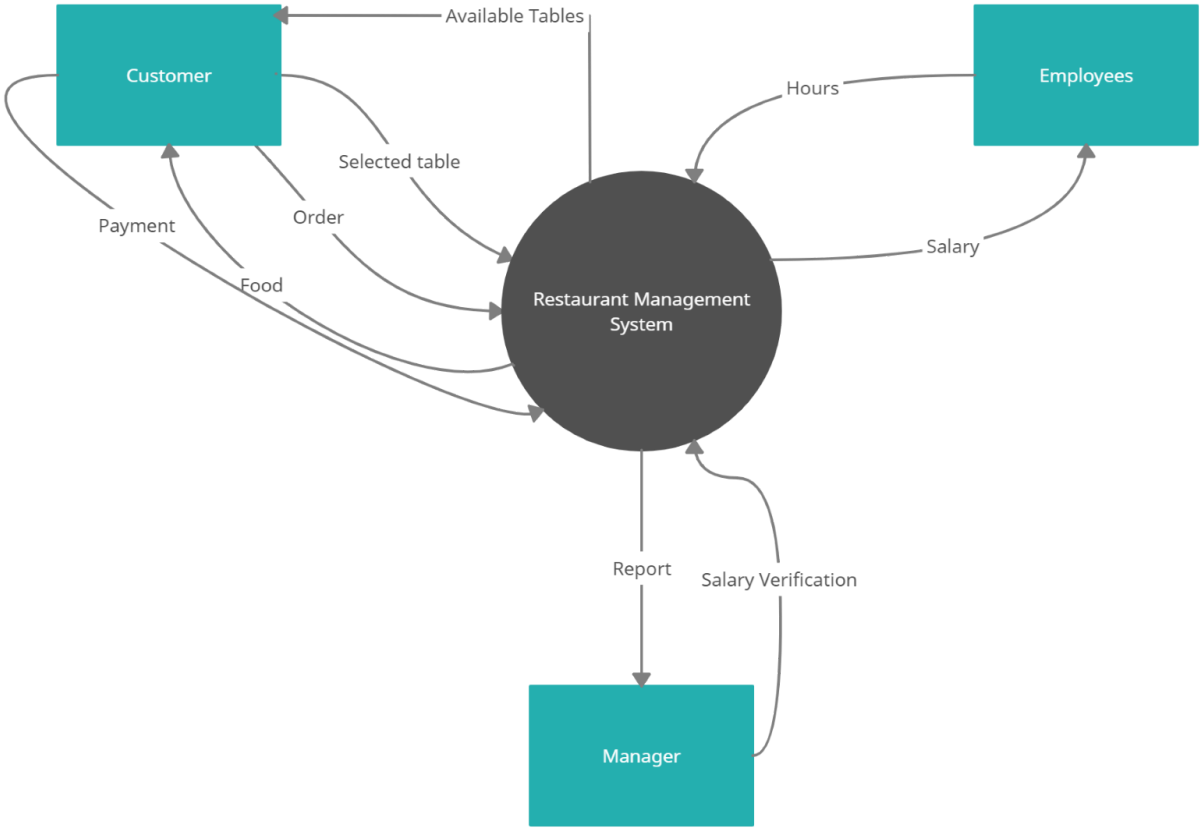
The use cases are already defined in the SRS document. Kindly refer to the SRS document for the use cases.

Use Case Diagram:

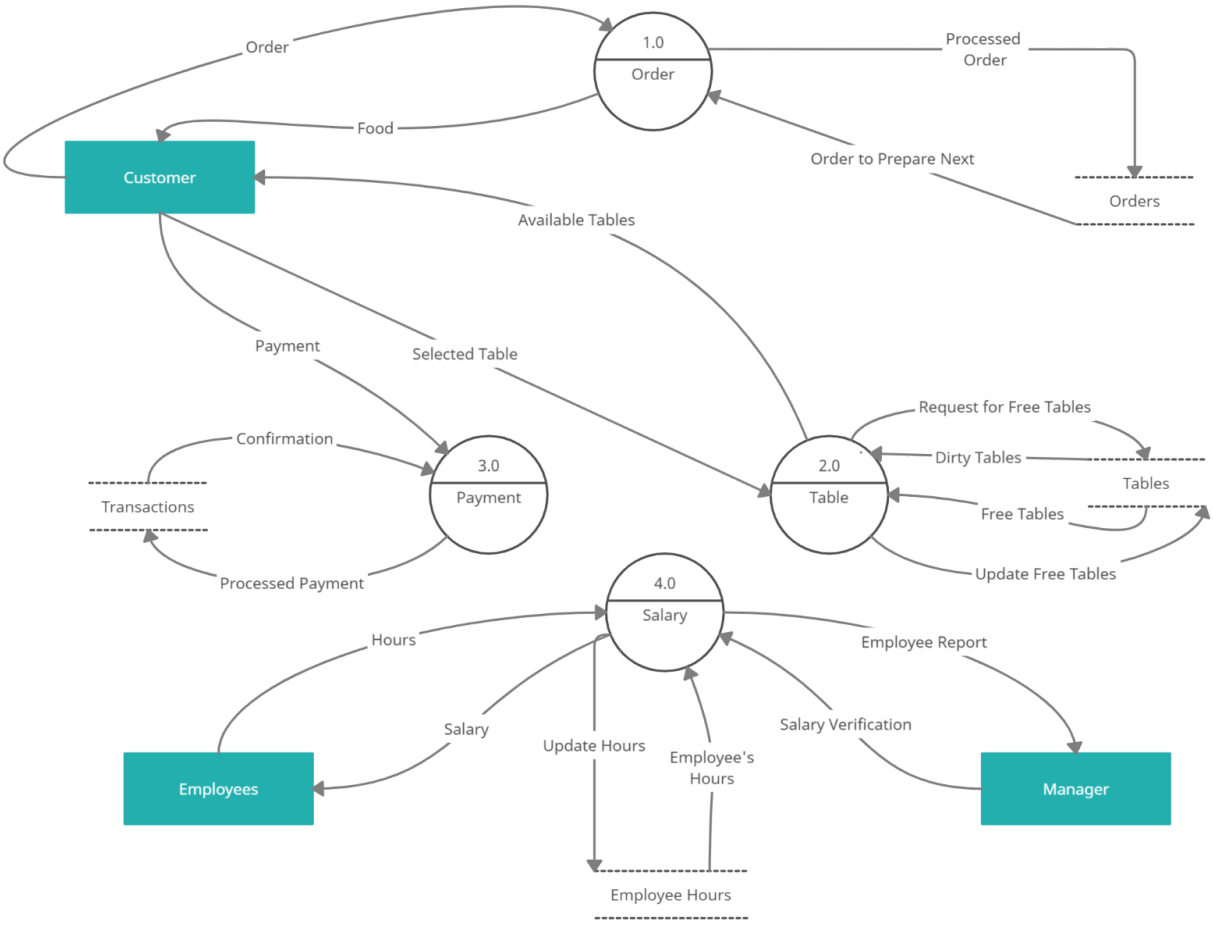


Data Flow Diagrams:

Level 0:



Level 1:


Order
1.0
Order
Processed
Order
Food
Customer
Order to Prepare Next
Orders
Available Tables
Payment
Selected Table
Request for Free Tables
Confirmation
3.0
Payment
2.0
Table
Dirty Tables
Tables
Transactions
Free Tables
Processed Payment
Update Free Tables
4.0
Salary
Hours
Employee Report
Salary
Update Hours
Employee's
Hours
Salary Verification
Employees
Manager
Employee Hours

Level 2:

Order:

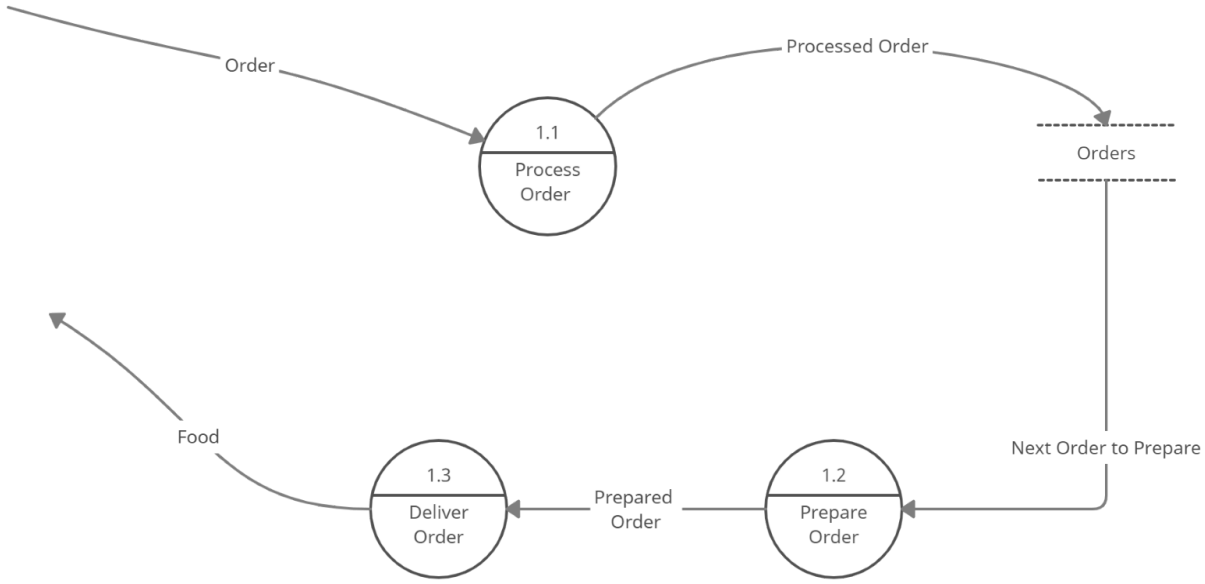
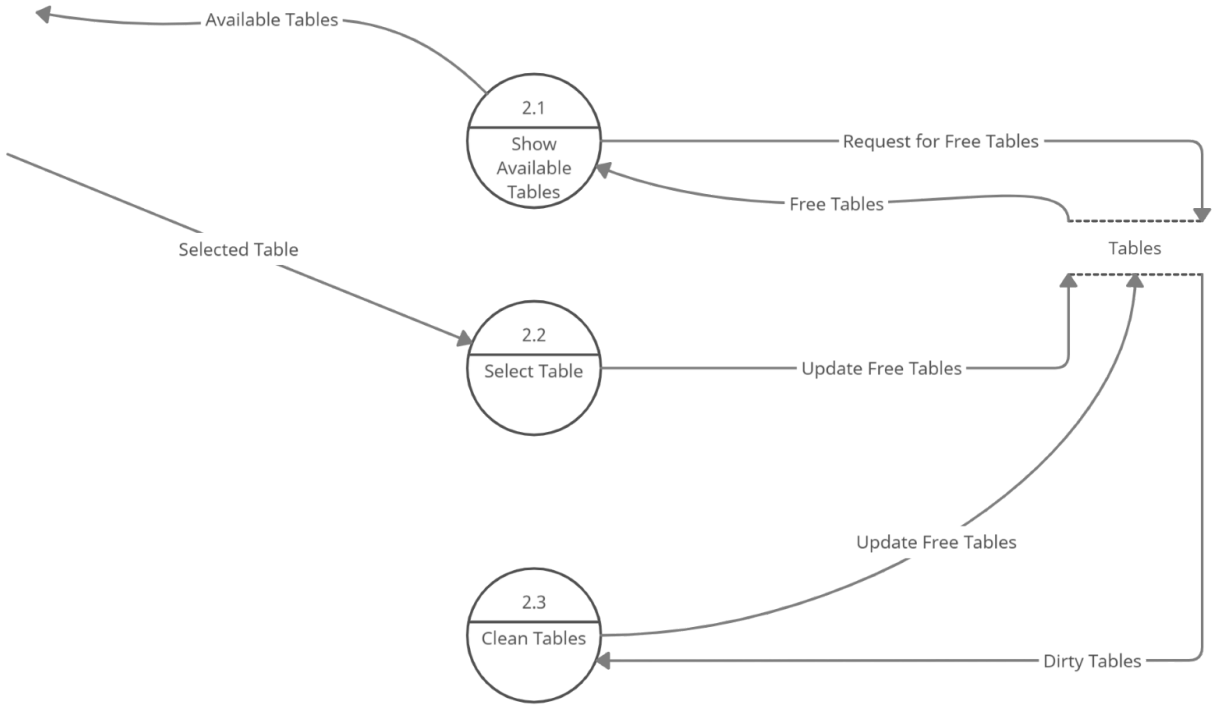
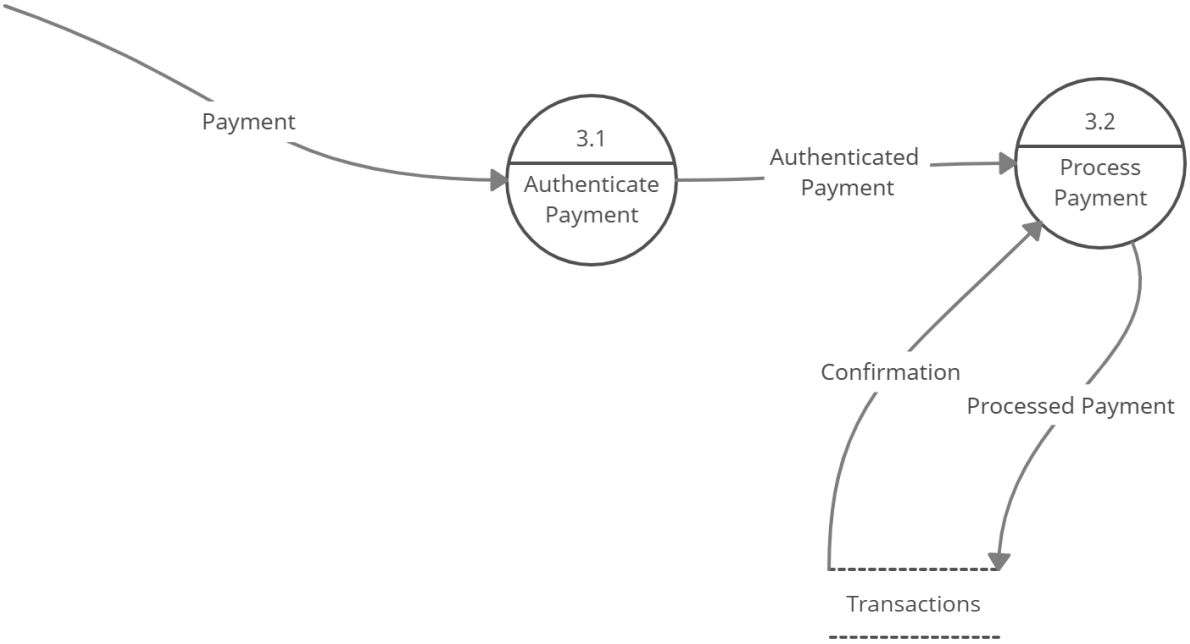


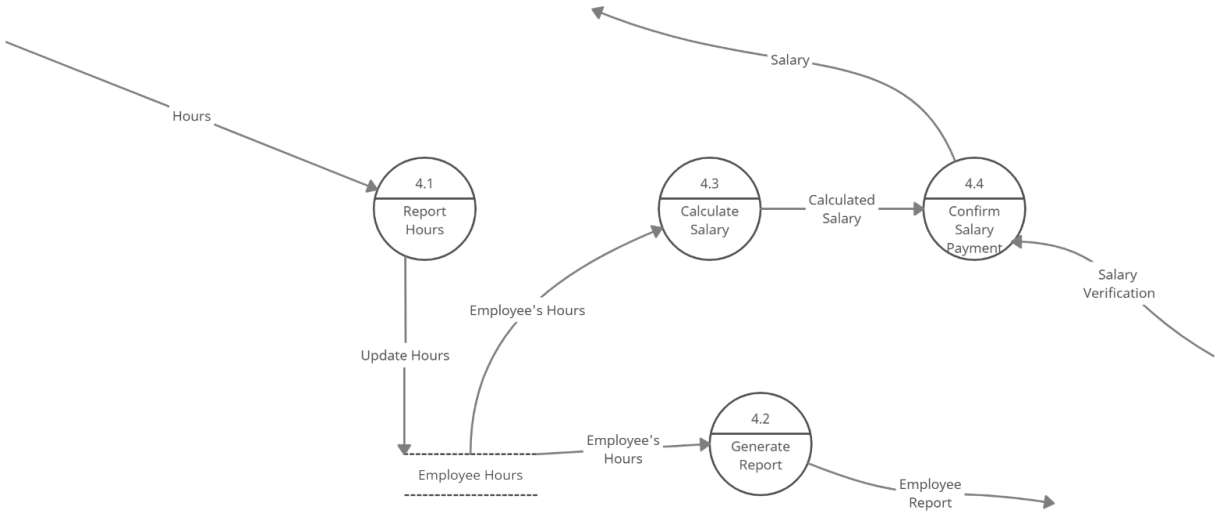
Table:



Payment:

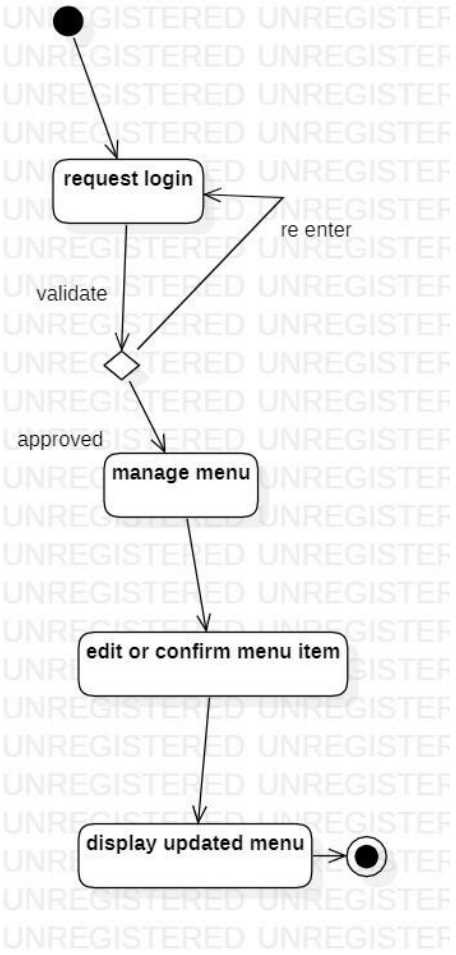


Salary:

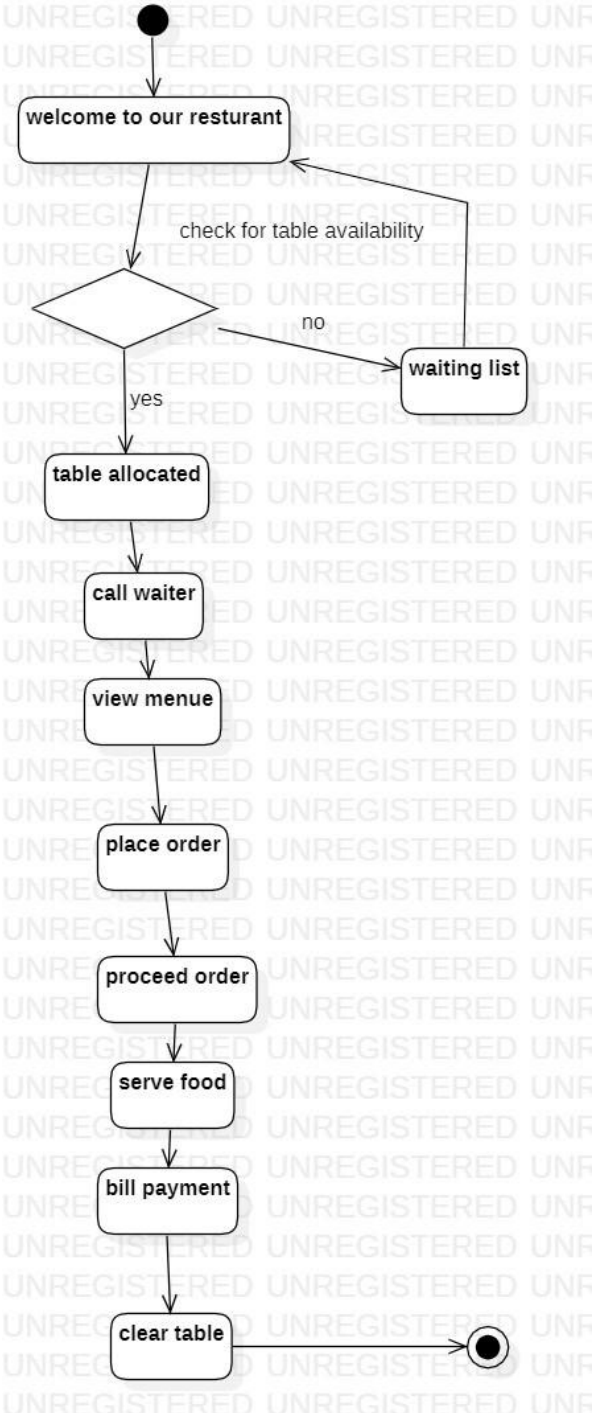


Activity Diagrams:

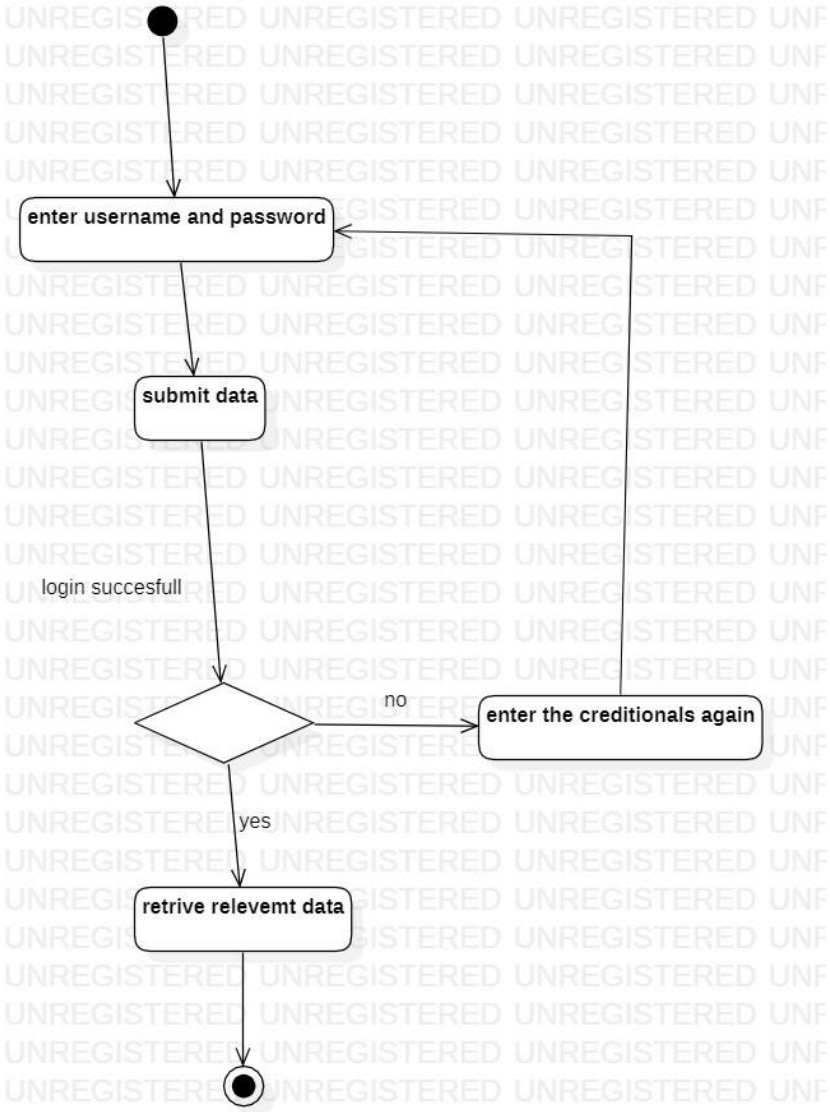
Update Menu:



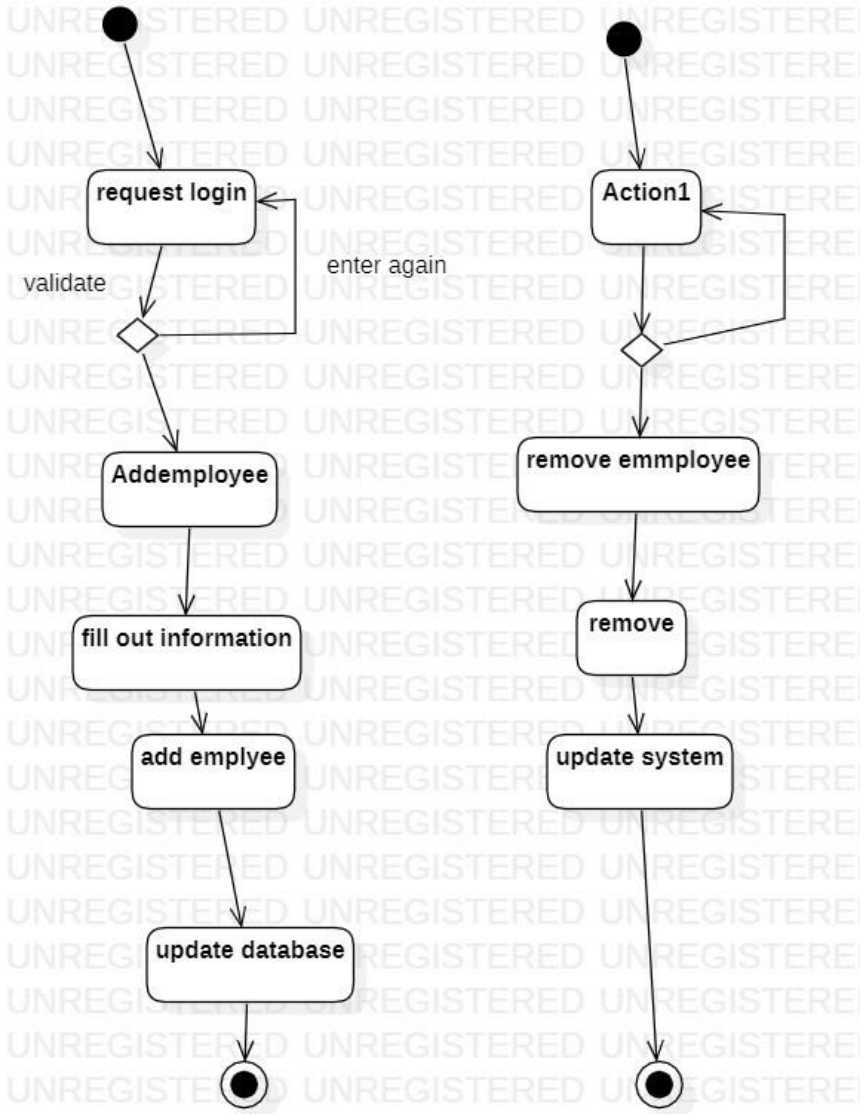
Handle Customer:



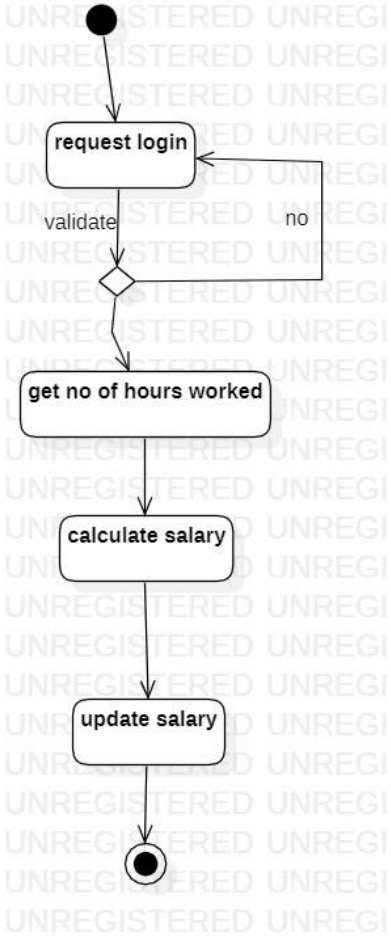
Login:


enter username and password
submit data
login succesfull
no
enter the creditionals again
yes
retrive relevemt data

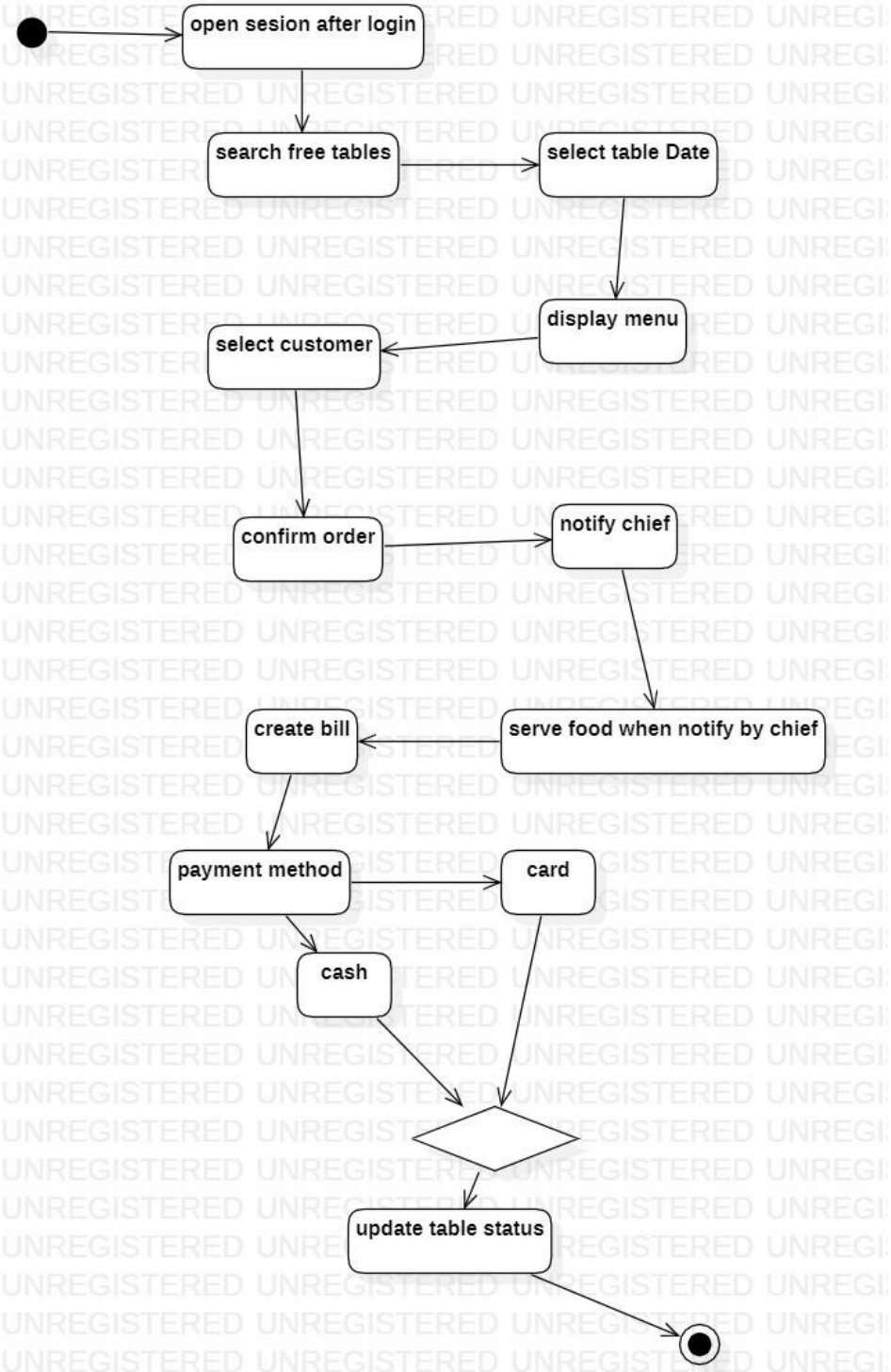
Add/Remove Employee:



Salary Handling:



Waiter:


open sesion after login
search free tables
select table Date
display menu
select customer
confirm order
notify chief
create bill
serve food when notify by chief
payment method
card
cash
update table status