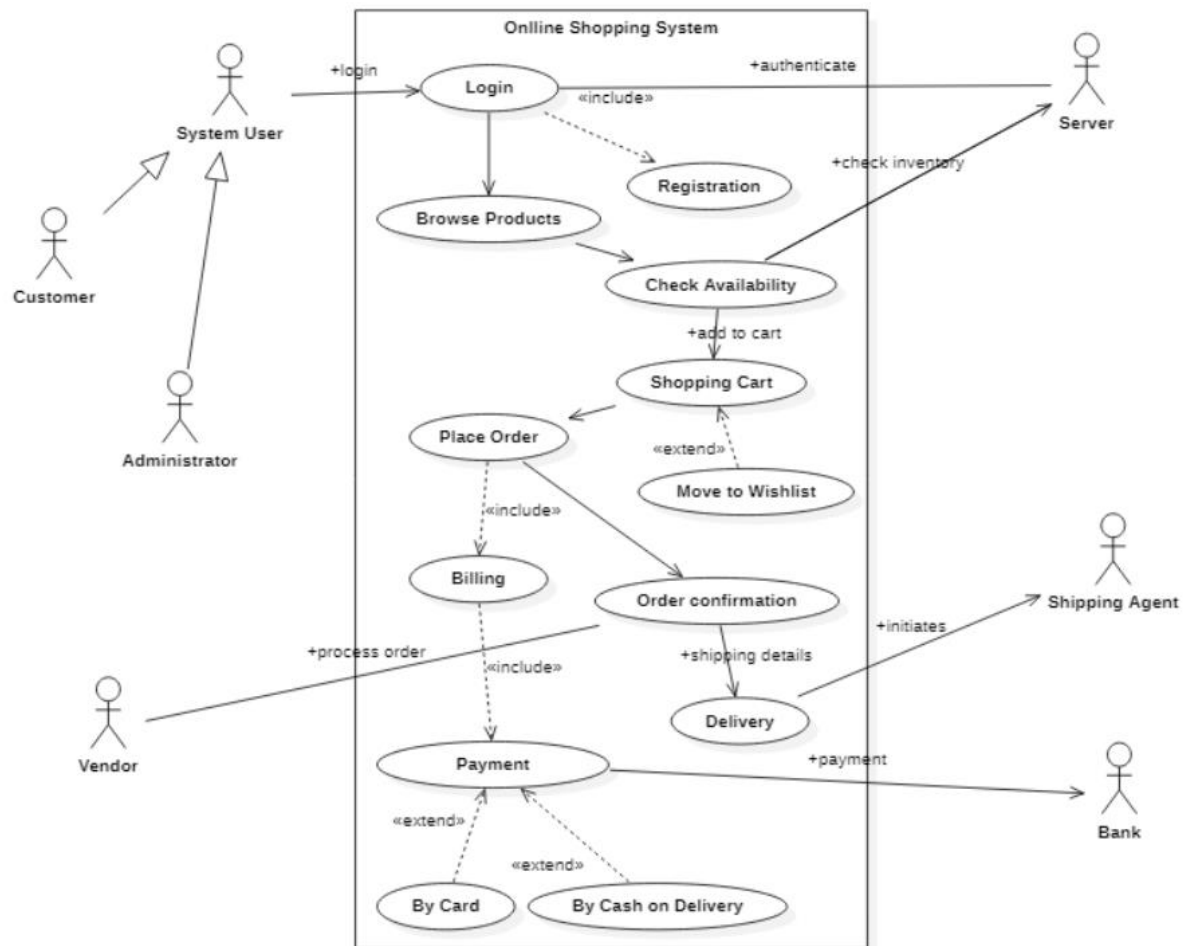
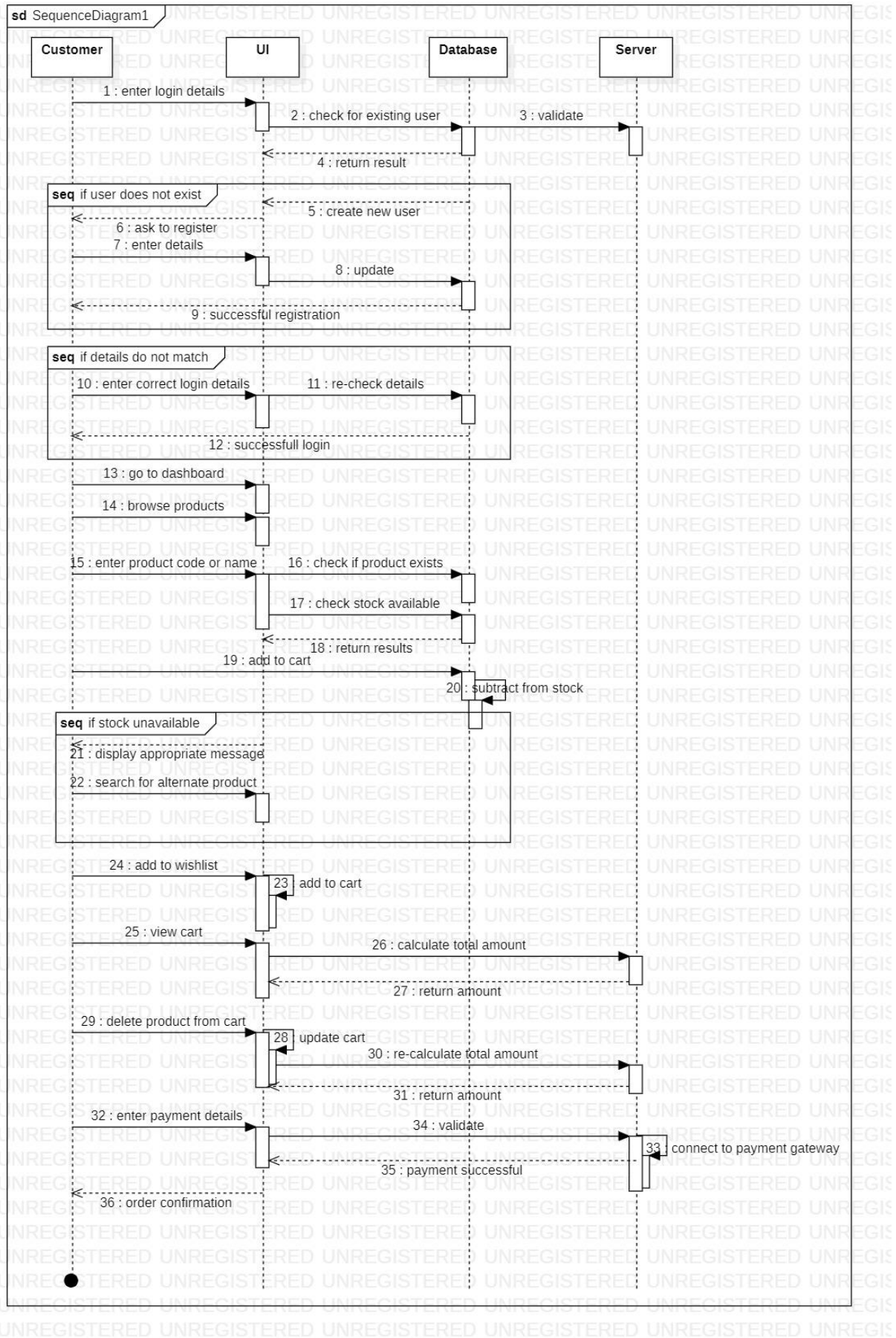


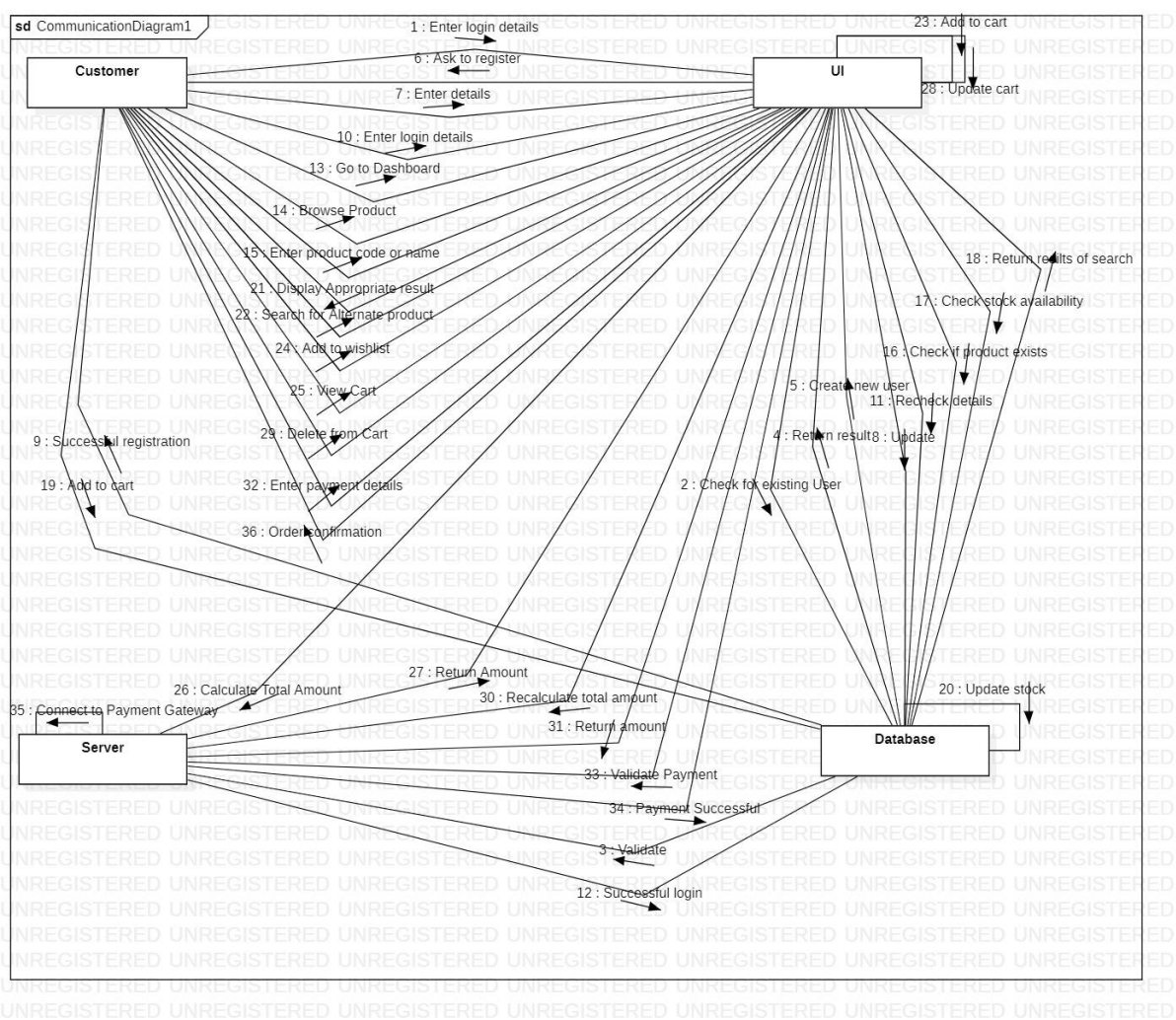
# Use Case Diagram



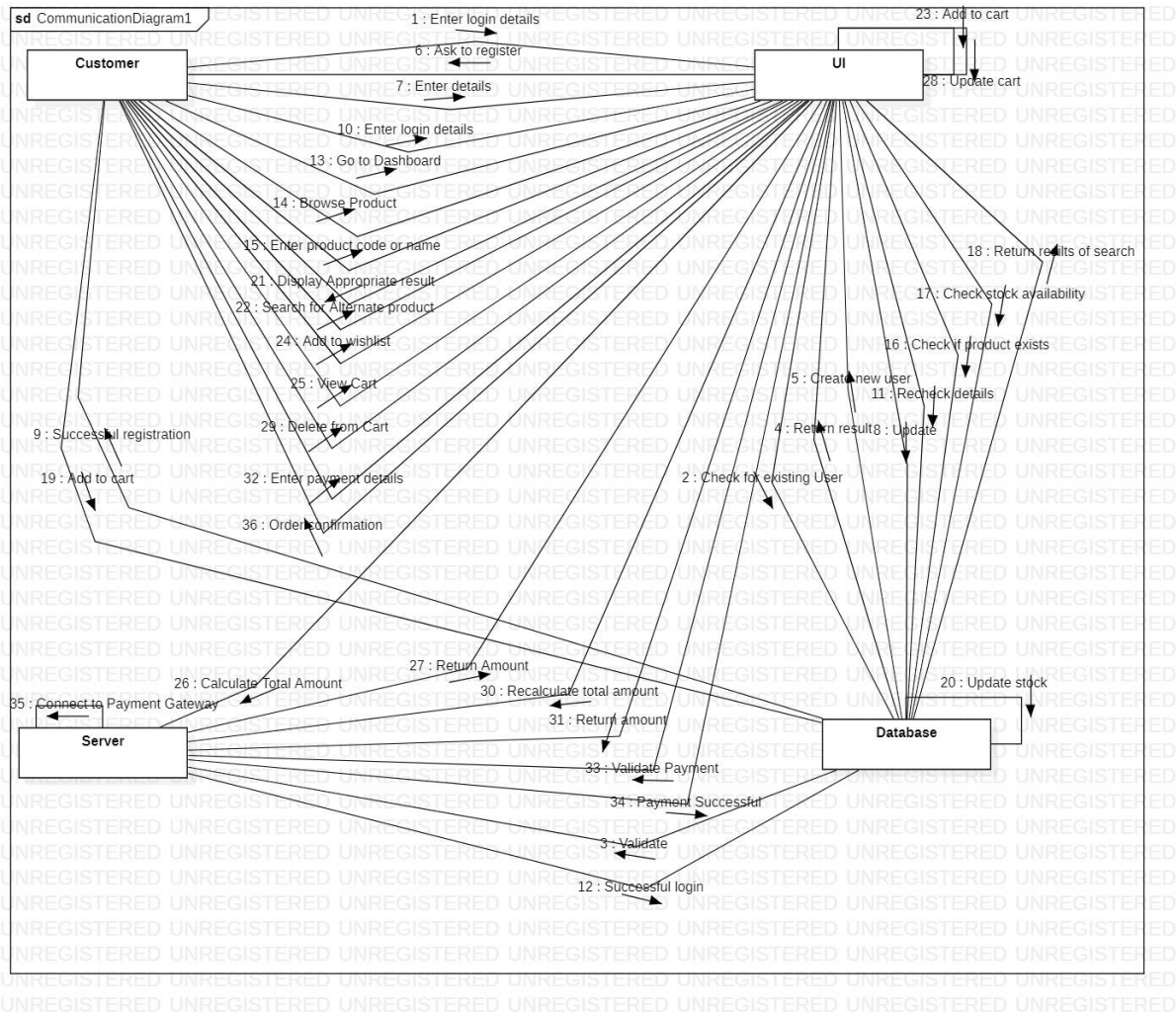
# Sequence Diagram



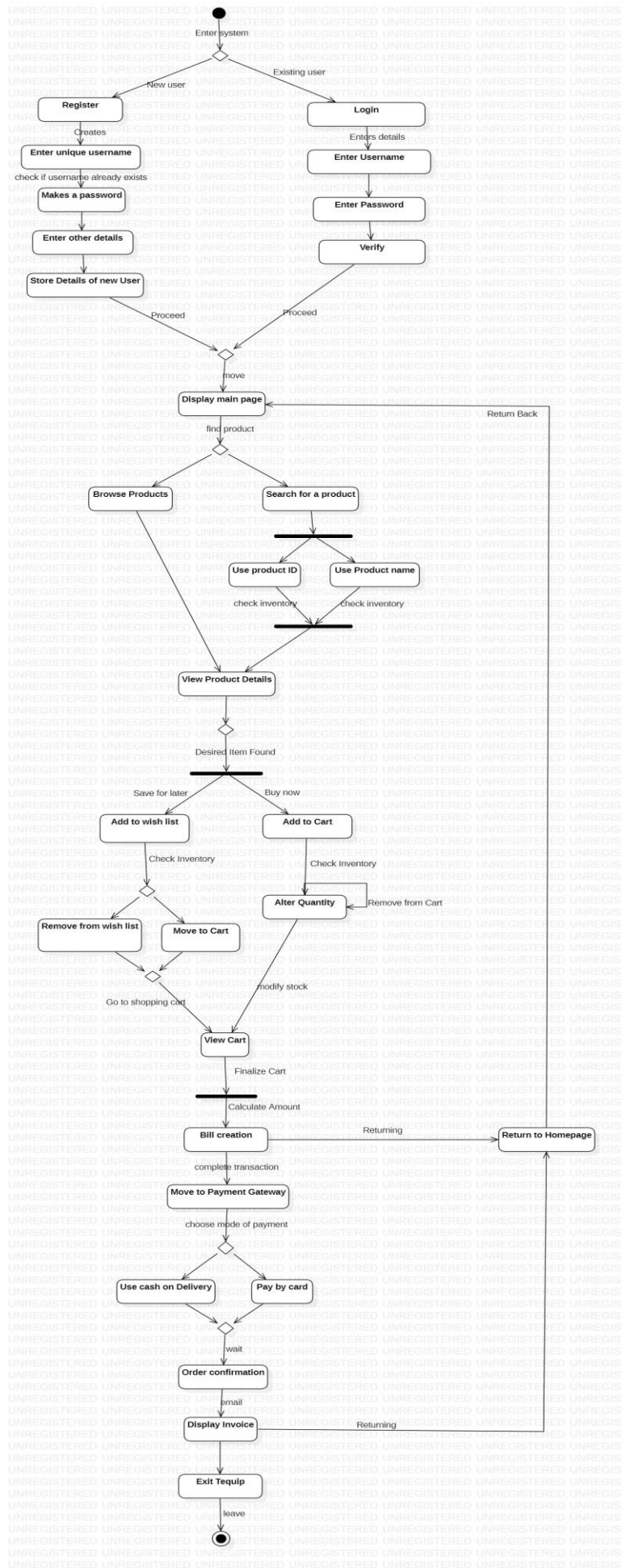
# Collaboration Diagram



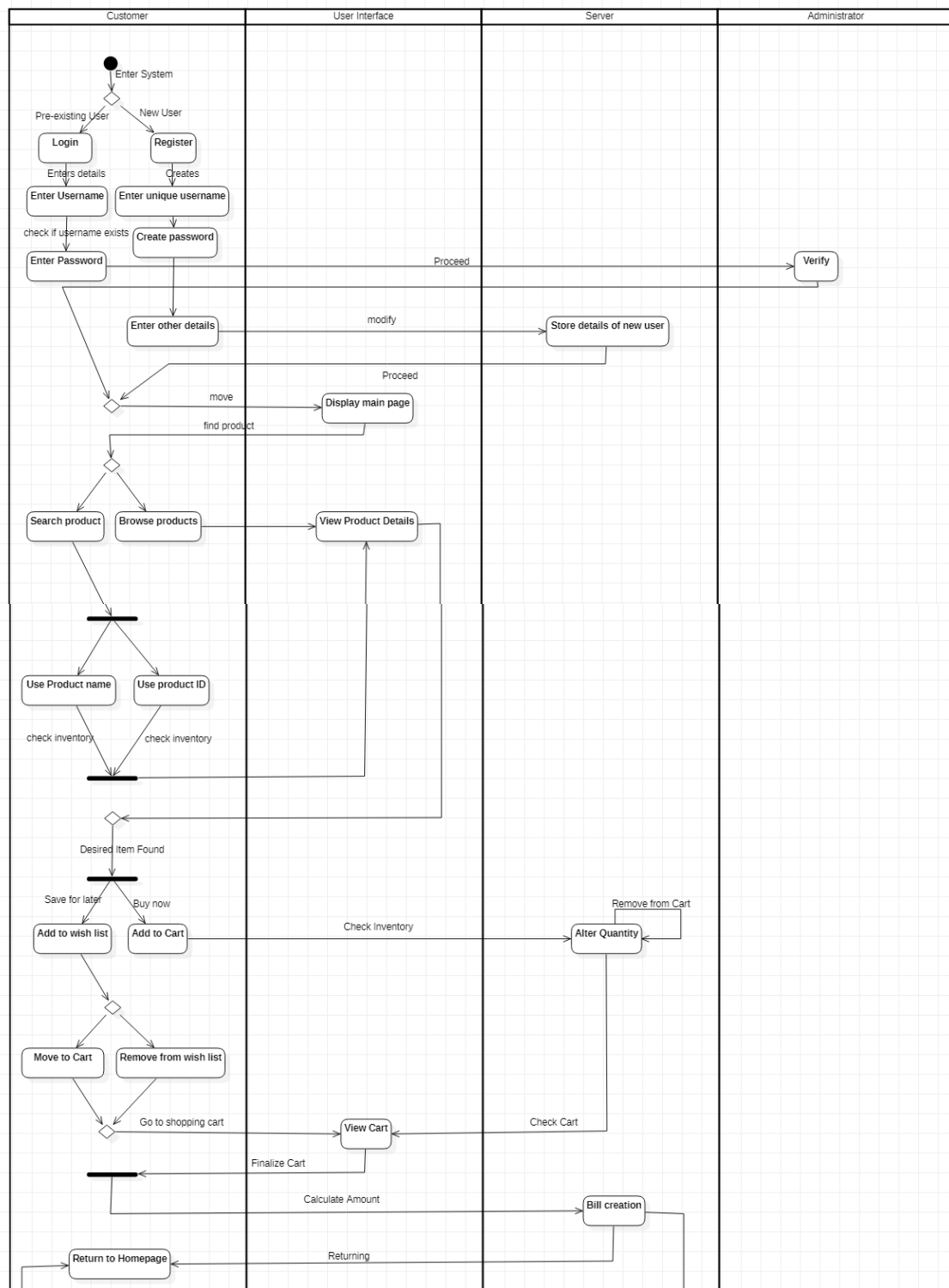
# Class Diagram

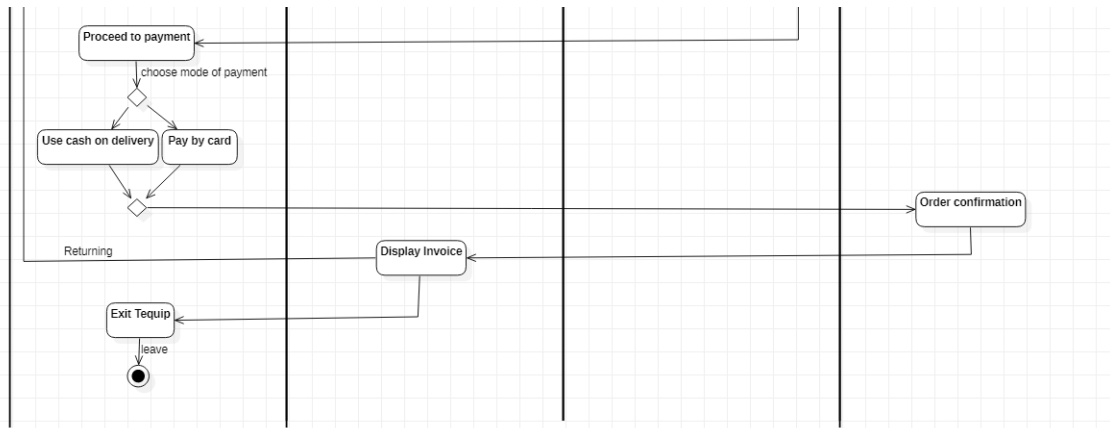


Activity Diagram

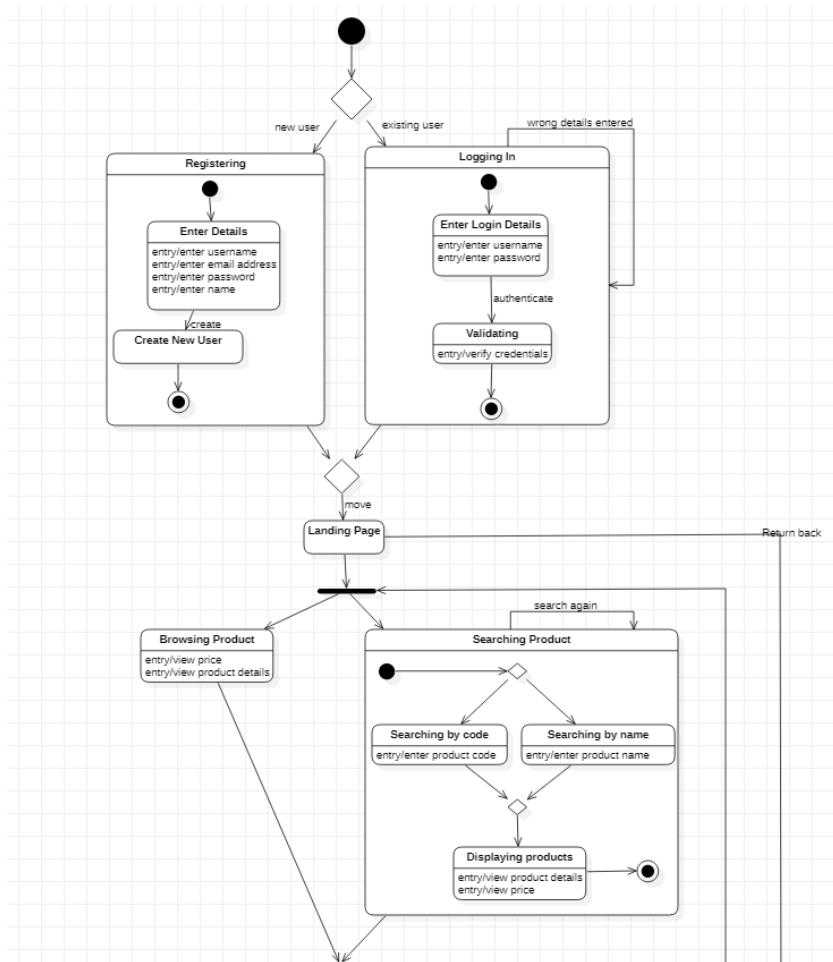


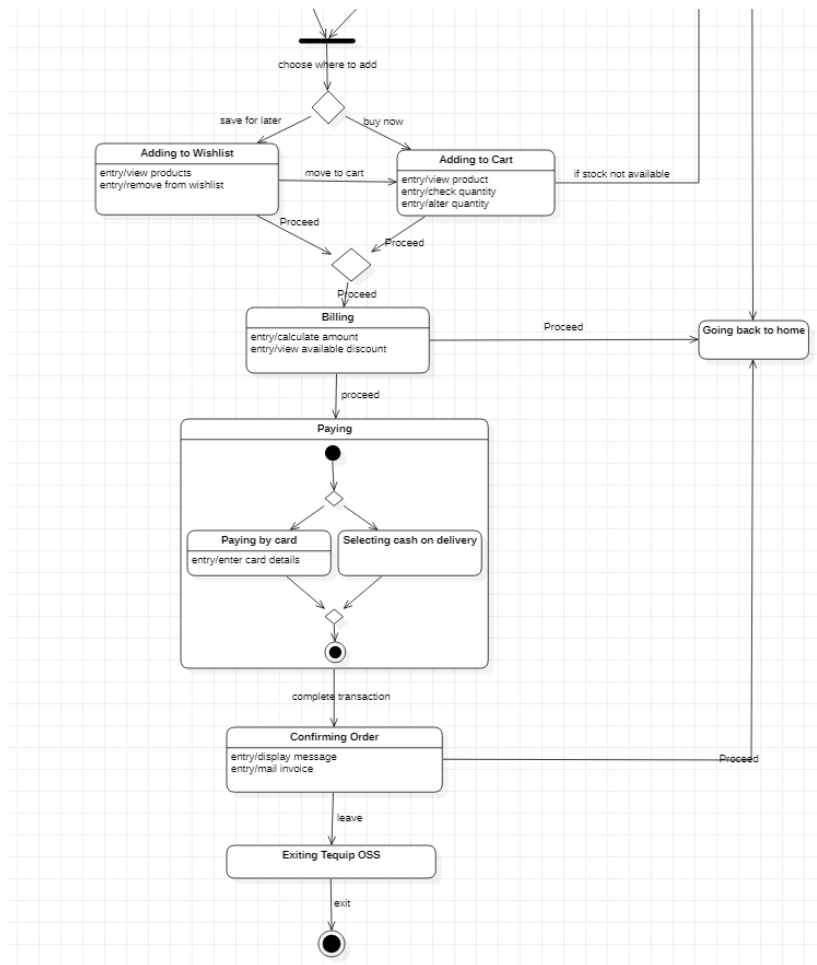
# Swimlane diagram





## State Diagram







# Component and deployment diagram

