

SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

Lab Midterm Assessment

Winter Semester- 2024-25

Course Code & Name: CSI1007 & Software Engineering Principles

Slot: L13+L14

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Banking System

Introduction:

This project is used to create and develop an online banking system that allows customers to view their personal bank accounts which allows them to also transfer funds and pay bills from this website. The customer is also allowed to request a loan from the bank by using this online system.

Objectives:

- Customer should be able to view their accounts.
- Customer should be able to transfer money.
- Customer should be able to pay bills.
- Customer should be able to request loans.

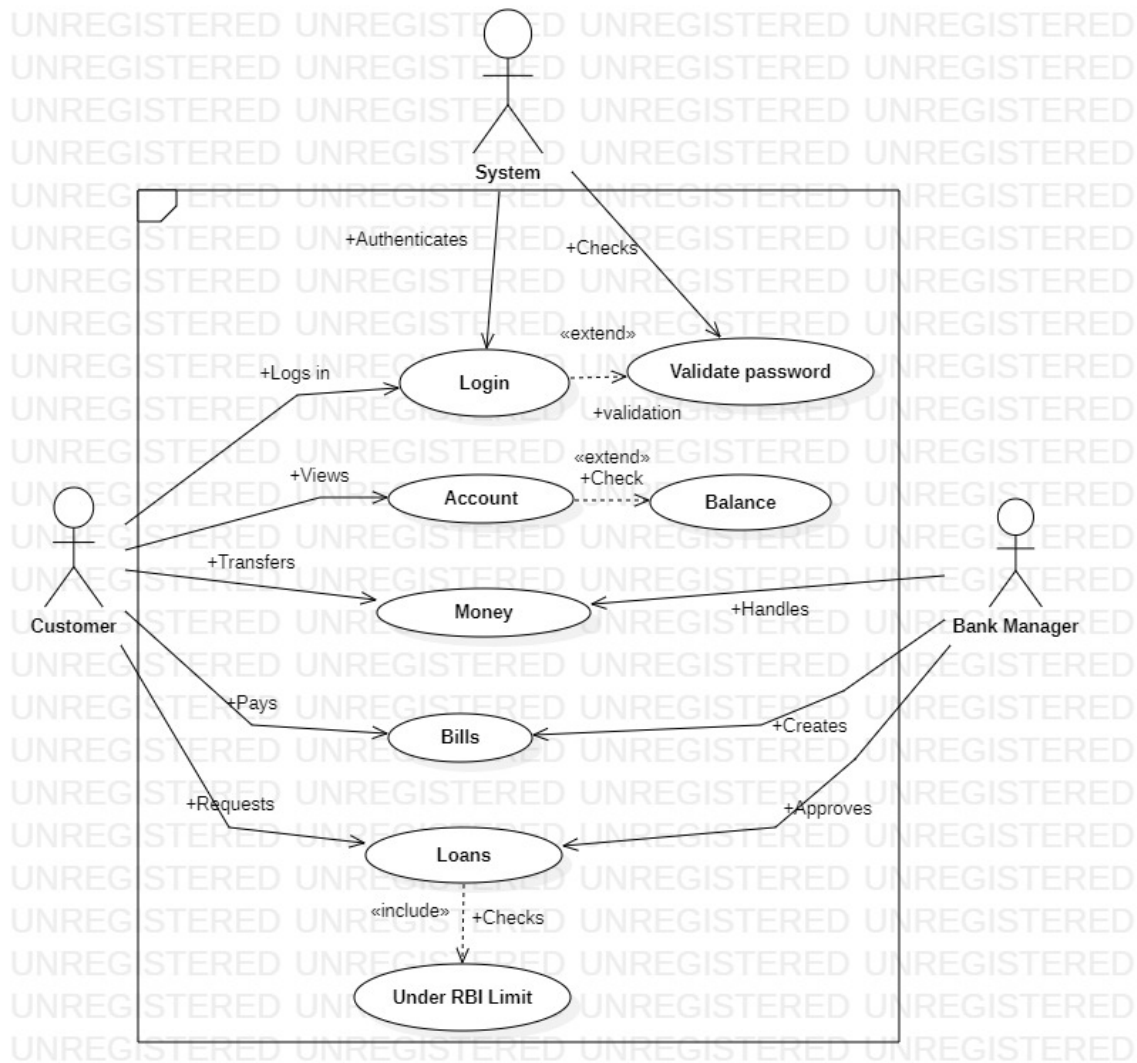
Functional requirements:

- The System should authenticate the Login
- The System should validate the password
- The System should handle the viewing of the account

Non-functional requirements:

- The Banking model should be able to run on low end Systems
- The model should not have any internet restrictions
- The model should be able to authenticate the login using the IP address of the customer
- The model should have a large enough server to handle Customer Traffic

Use-Case Diagram:



ER Diagram:

