

## **BANK LOAN SYSTEM**

**correctness of the diagrams depends on the problem statement she gives so copy mindfully!**

### **Termwork 1:**

#### **Ambiguities:**

- >What is the maximum and minimum amount of loan that can be granted to customers?
- >How will the system verify customer income and creditworthiness?
- >What are the criteria for loan approval and disbursement?
- >How will the system handle different types of loans (e.g., personal, mortgage, auto) and their specific requirements?

#### **Inconsistencies:**

- >There are inconsistencies in the documentation requirements for loan applications between different branches.
- >There are inconsistencies in the interest rates offered for the same type of loan between different branches.
- >There are inconsistencies in the loan application process between the website and the mobile app.

#### **Incompleteness:**

- >The system does not specify how long the loan approval process will take.
- >The system does not specify the maximum and minimum loan repayment periods.
- >The system does not specify how it will handle loan applications for customers with bad credit scores.

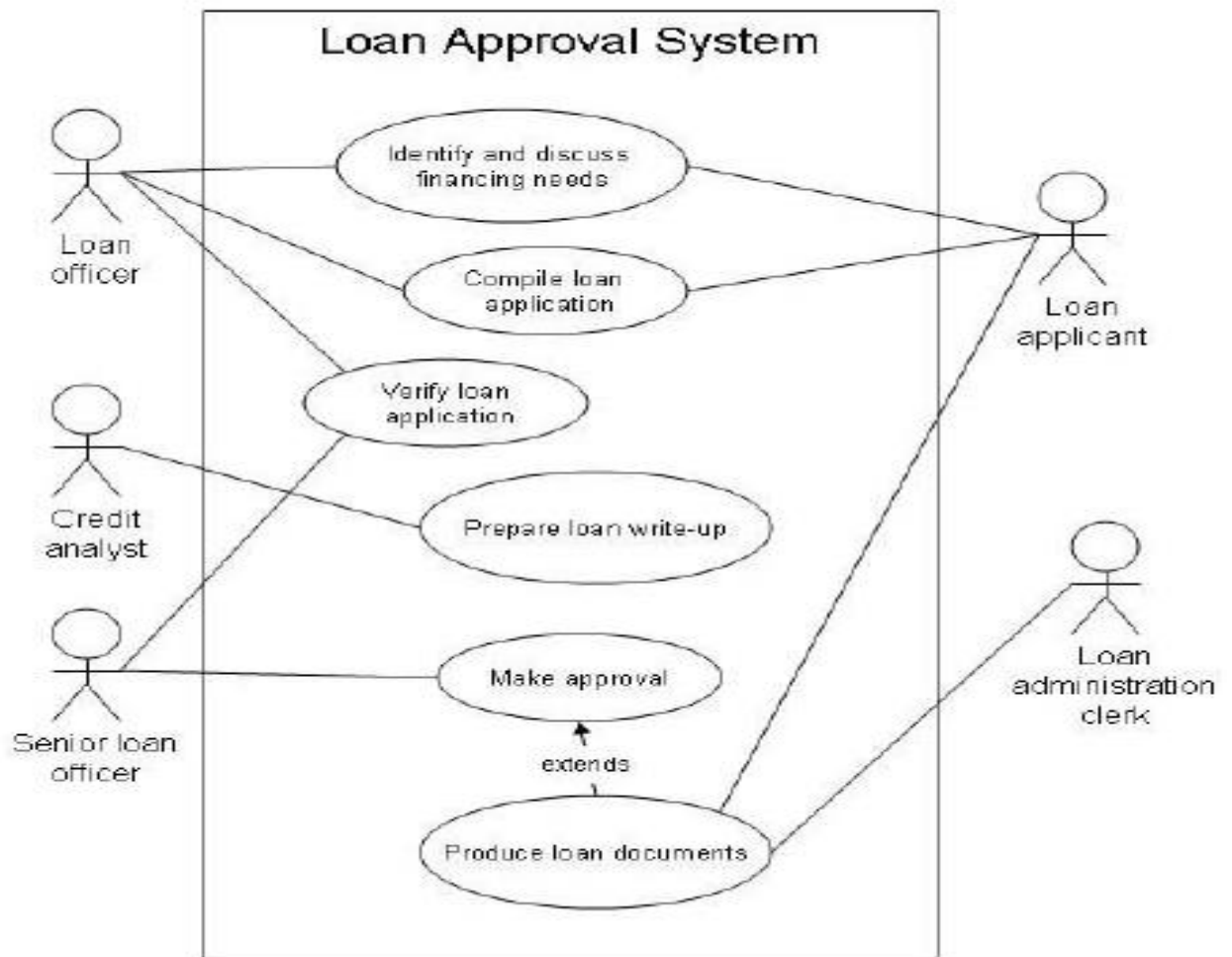
#### **Functional Requirements:**

- >The system should allow customers to apply for loans.
- >The system should allow loan officers to review and approve loan applications.
- >The system should allow customers to view their loan statements and payment history.
- >The system should allow customers to make loan payments through different payment methods.
- >The system should allow customers to apply for loan refinancing or consolidation.
- >The system should provide customer support for loan-related inquiries and issues.

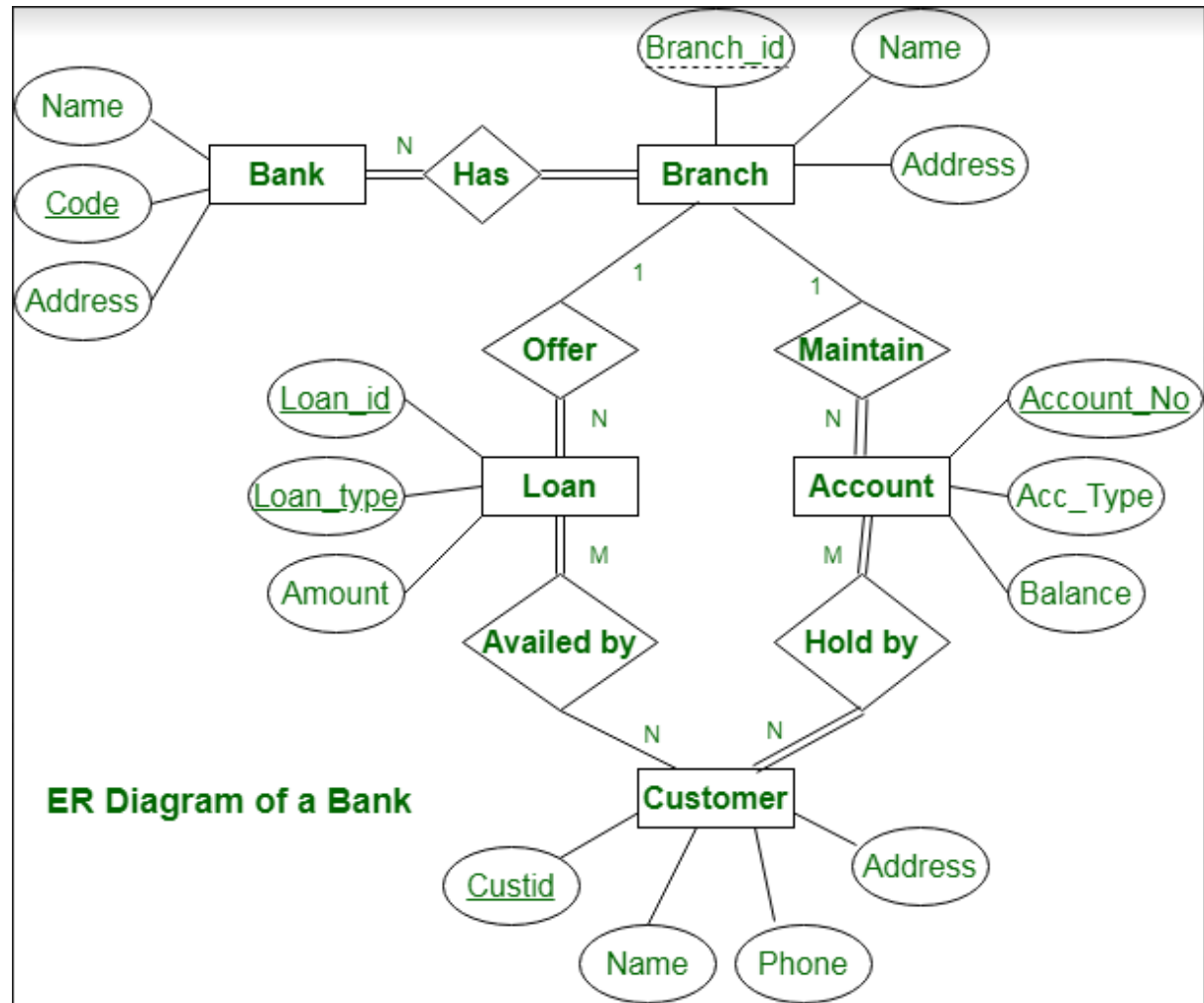
#### **Non-functional Requirements:**

- >The system should be available 24/7.
- >The system should be scalable to handle high volumes of loan applications and payments.
- >The system should be secure and protect customer data and financial transactions.
- >The system should provide fast response times and minimize page loading times.
- >The system should be user-friendly and easy to navigate.
- >The system should provide multi-language support for customers from different regions.

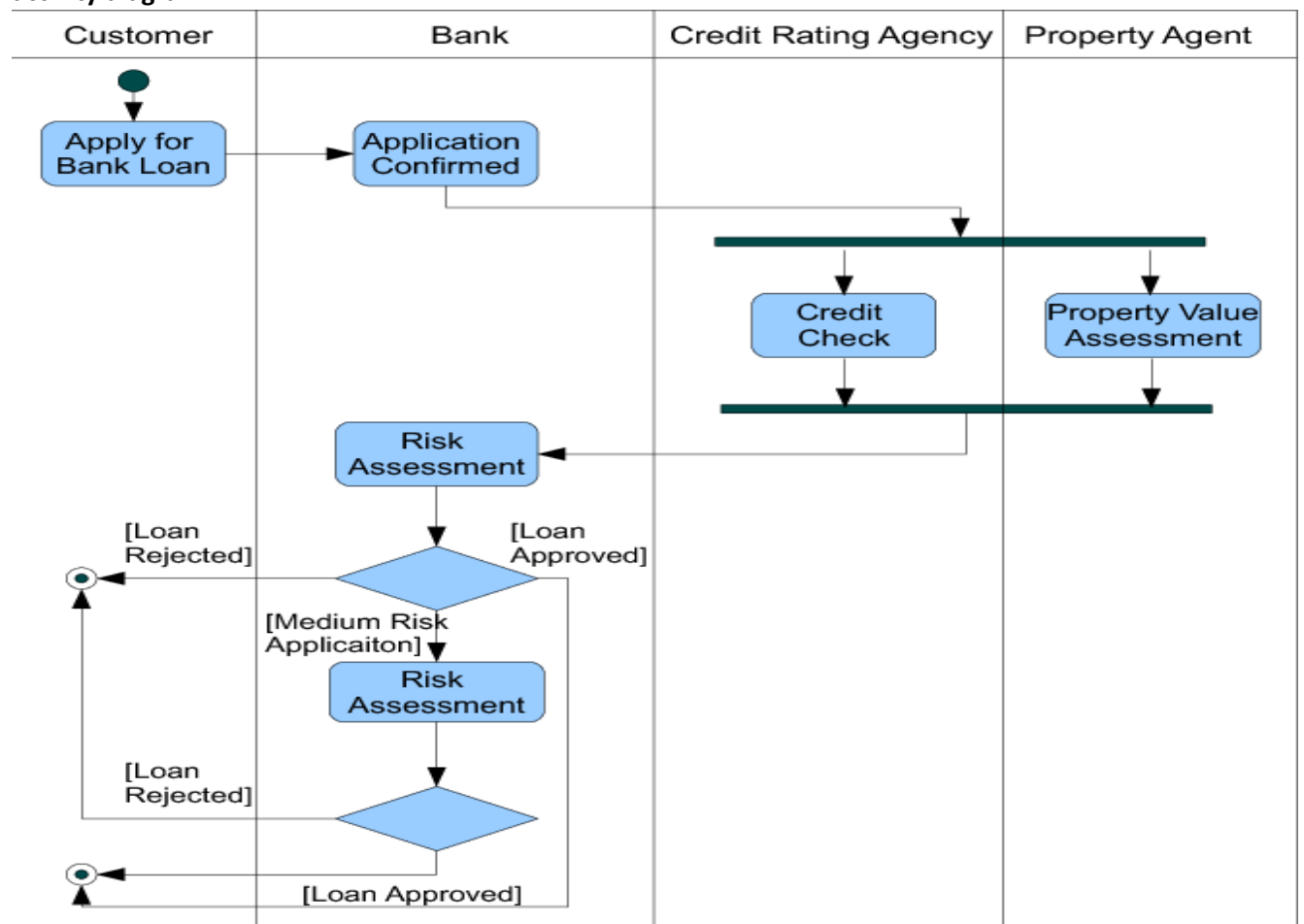
Termwork 2:



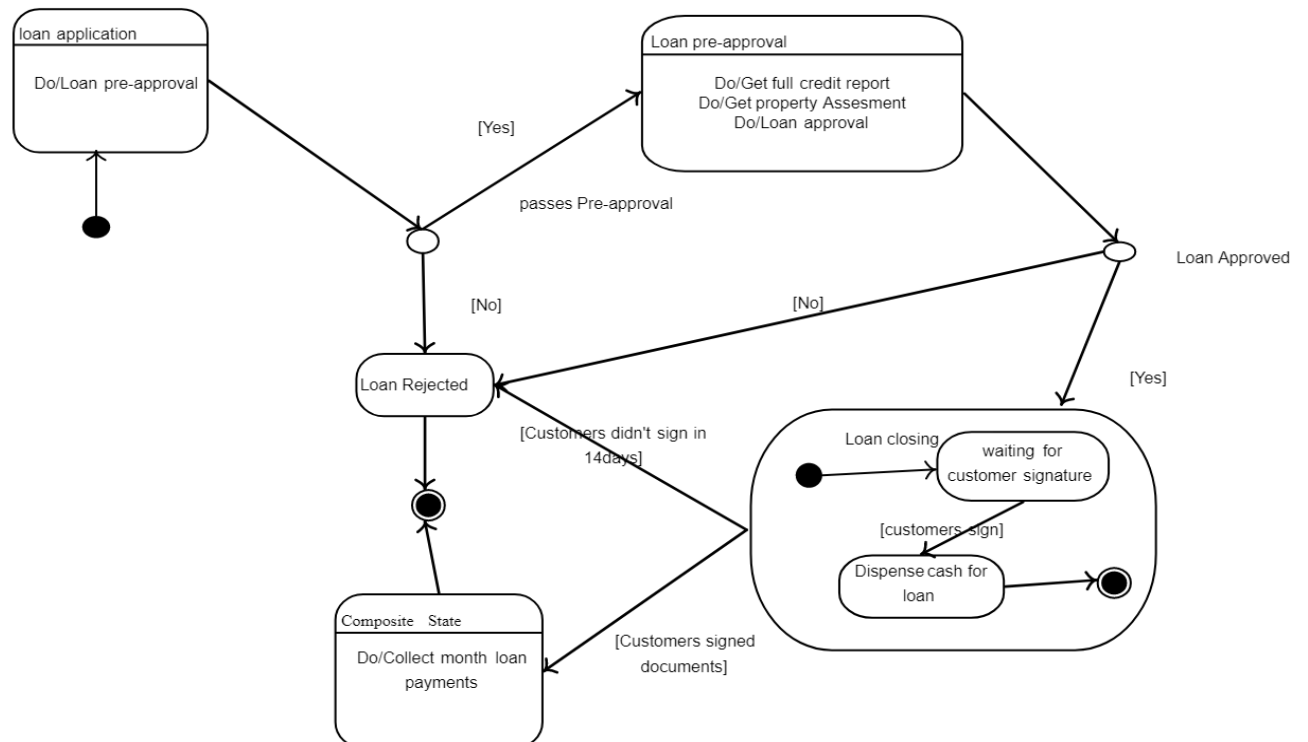
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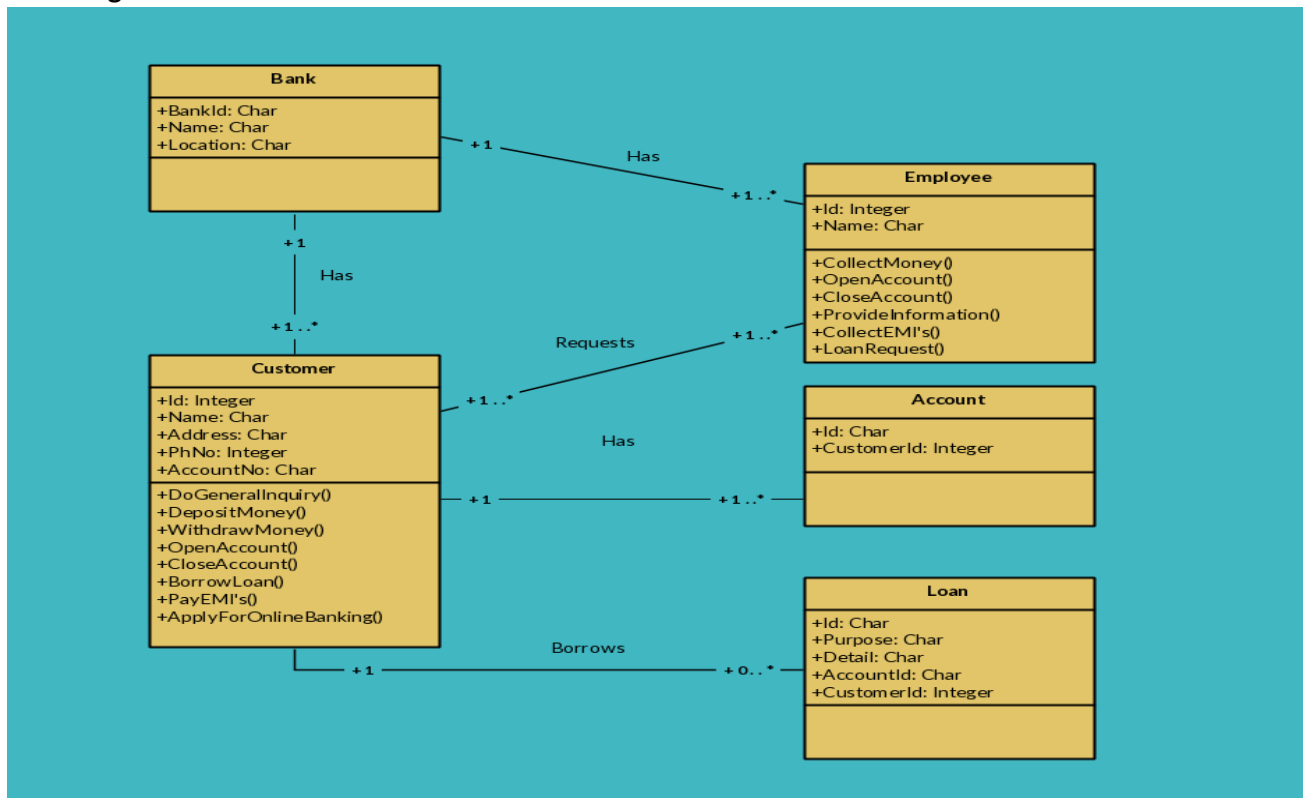
**Termwork 5:**  
**activity diagram:**



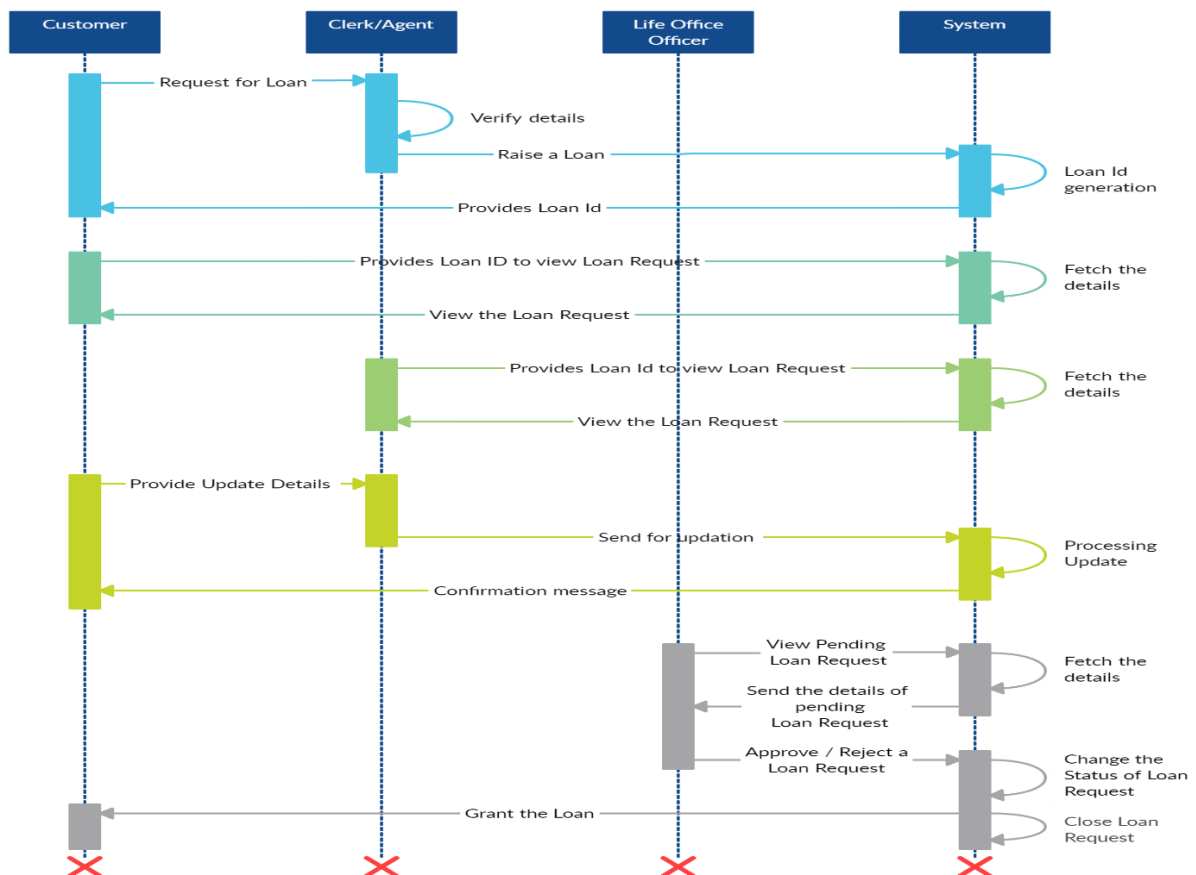
**state diagram:**



**Termwork 6:**  
**class diagram:**



**sequence diagram:**



Termwork 7:

