

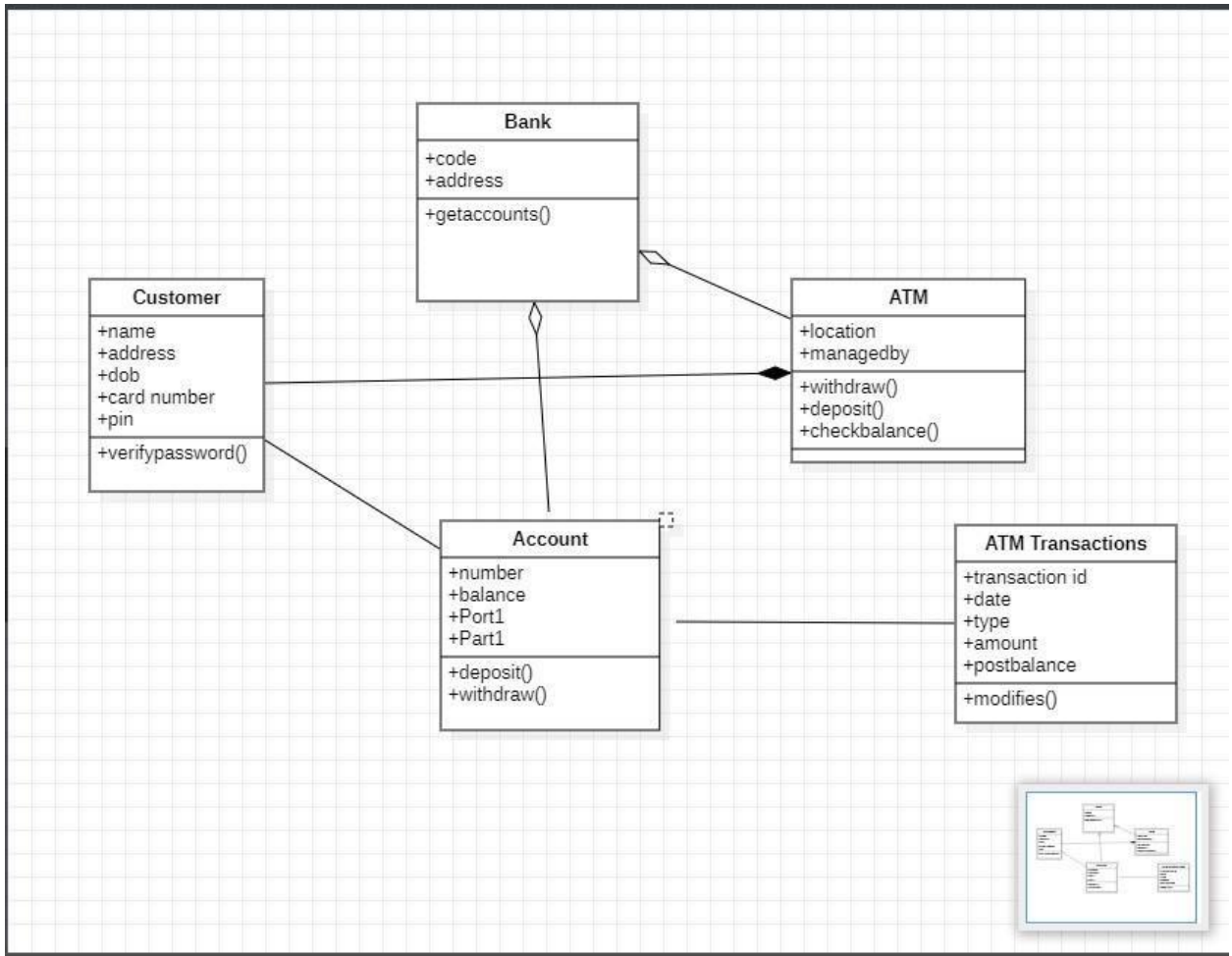
MINI PROJECT-1

BANKING SYSTEM

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CLASS DIAGRAM



CODE:

```
#include "Account.h";
```

```
/**
```

```
* Account implementation
```

```
*/
```

```
void Account::deposit() {
```

```
}
```

```
void Account::withdraw() {
```

```
}
```

```
/**
```

```
* Project Untitled
```

```
*/
```

```
#ifndef _ACCOUNT_H
```

```
#define _ACCOUNT_H
```

```
class Account {
```

```
public: void
```

```
number; void
```

```
balance; void
```

```
Port1; void
```

```
Part1;
```

```
void deposit();
```

```
void withdraw();
```

```
};
```

```
#endif // _ACCOUNT_H
```

```
/**
```

```
* Project Untitled
```

```
*/
```

```
#include "ATM Transactions.h";
```

```
/**
```

```
* ATM Transactions implementation
```

```
*/
```

```
void ATM Transactions::modifies() {
```

```
}/**
```

```
* Project Untitled
```

```
*/
```

```
#ifndef _ATM_TRANSACTIONS_H
```

```
#define _ATM_TRANSACTIONS_H class ATM Transactions { public: void transaction id; void date; void
```

```
type; void amount; void postbalance;
```

```
void modifies();
```

```
};
```

```
#endif // _ATM_TRANSACTIONS_H
```

```
#include "ATM.h"
```

```
/**
```

```
 * ATM implementation
```

```
*/
```

```
void ATM::withdraw() {
```

```
}
```

```
void ATM::deposit() {
```

```
}
```

```
void ATM::checkbalance() {
```

```
}
```

```
/**
 * Project Untitled
 */

#ifndef _ATM_H
#define _ATM_H

class ATM { public:
void location;
void managedby;

void withdraw();

void deposit();

void checkbalance();
};

#endif //_ATM_H

/**
 * Project Untitled
 */
```

```
#include "Bank.h"
```

```
/**
```

```
* Bank implementation
```

```
*/
```

```
void Bank::getaccounts() {
```

```
}
```

```
/**
```

```
* Project Untitled
```

```
*/
```

```
#ifndef _BANK_H
```

```
#define _BANK_H
```

```
class Bank {
```

```
public: void
```

```
code; void
```

```
address;
```

```
void getaccounts();
```

```
};
```

```
#endif //_BANK_H
```

```
/**
```

```
* Project Untitled
```

```
*/
```

```
#include "Customer.h"
```

```
/**
```

```
* Customer implementation
```

```
*/
```

```
void Customer::verifypassword() {
```

```
}
```

```
/**
```

```
* Project Untitled
```

```
*/
```

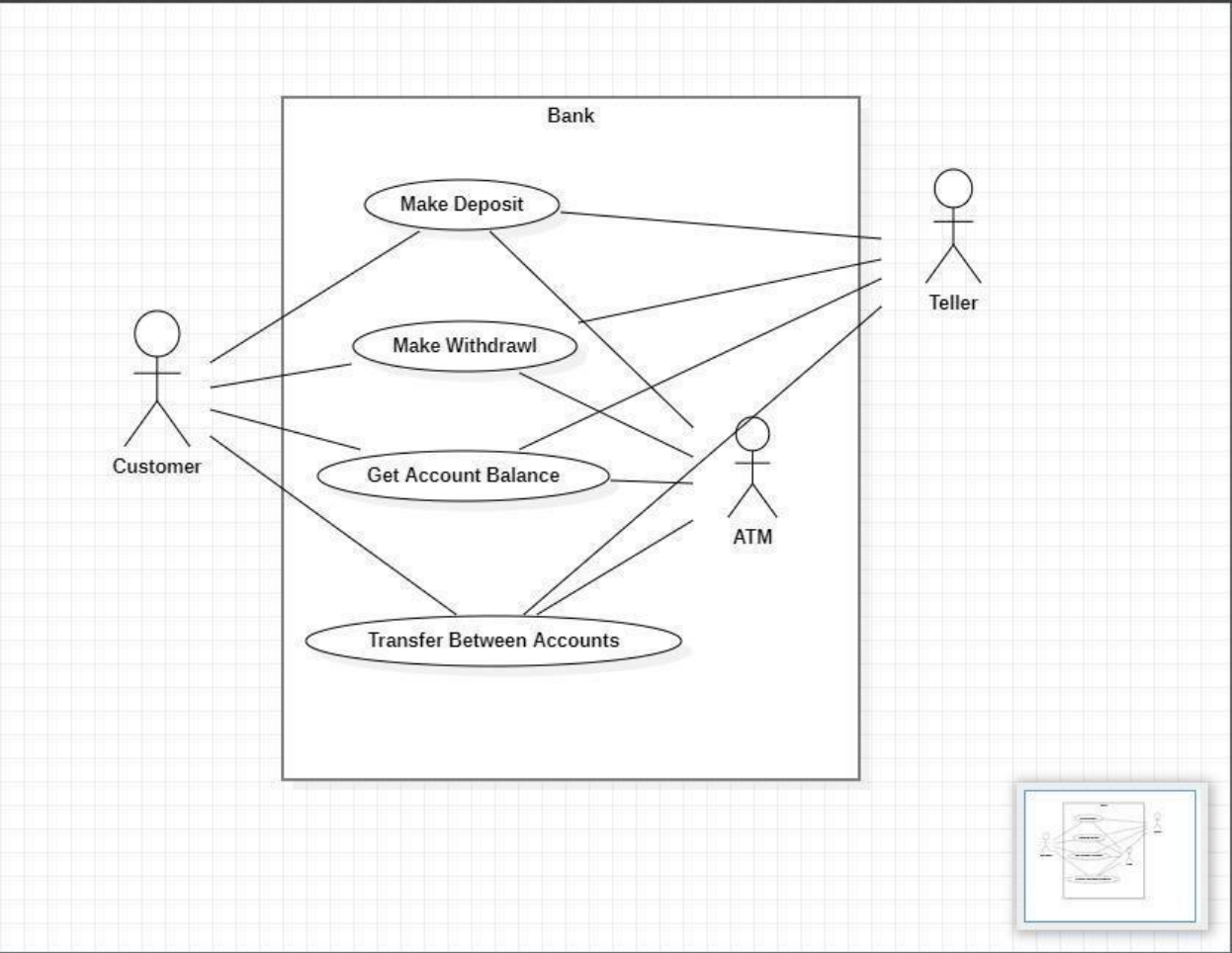
```
#ifndef _CUSTOMER_H
```

```
#define _CUSTOMER_H
```

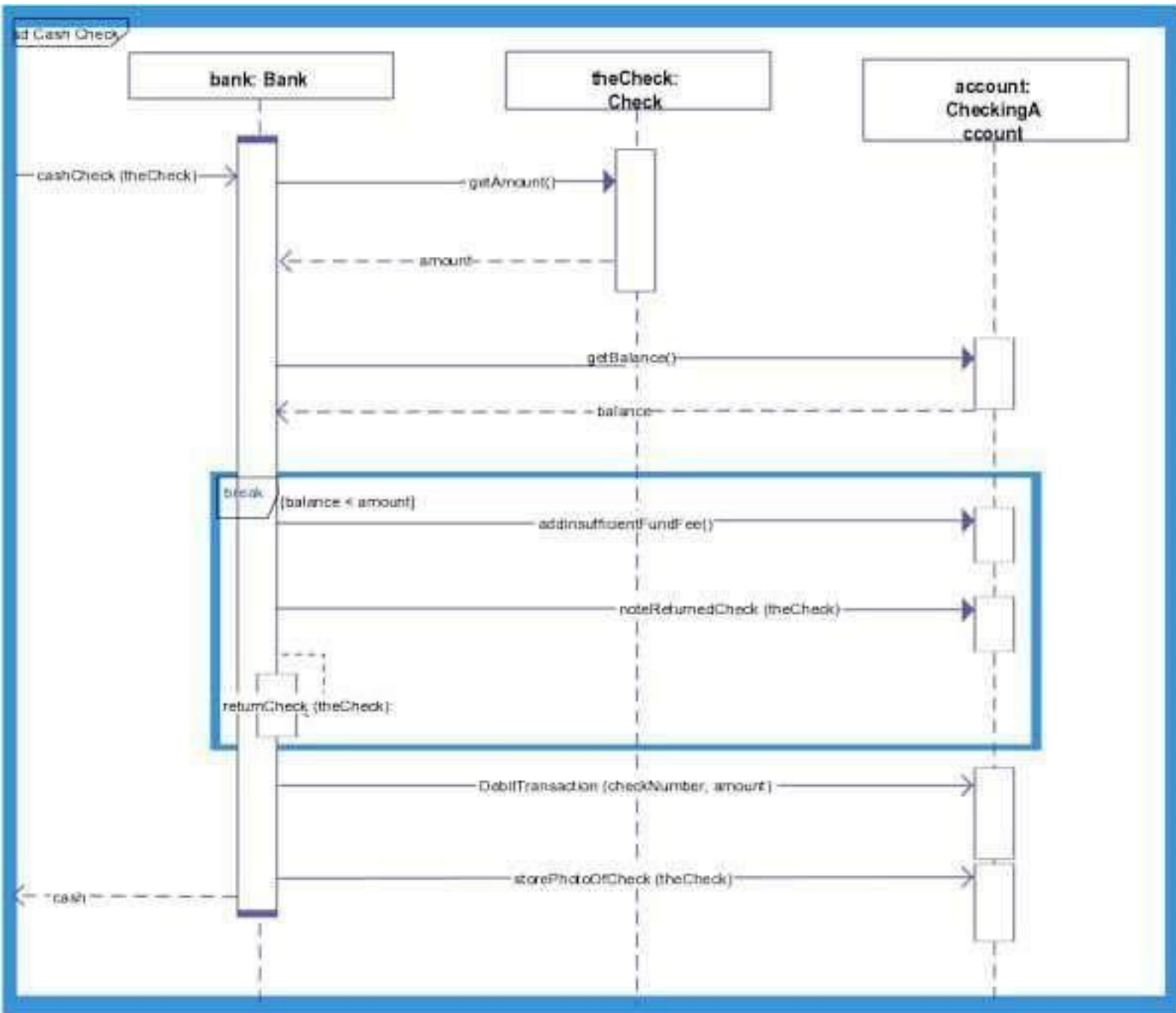


```
class Customer {  
  
public: void  
name; void  
address; void dob;  
void card number;  
void pin;  
  
void verifypassword();  
  
};  
  
#endif //_CUSTOMER_H
```

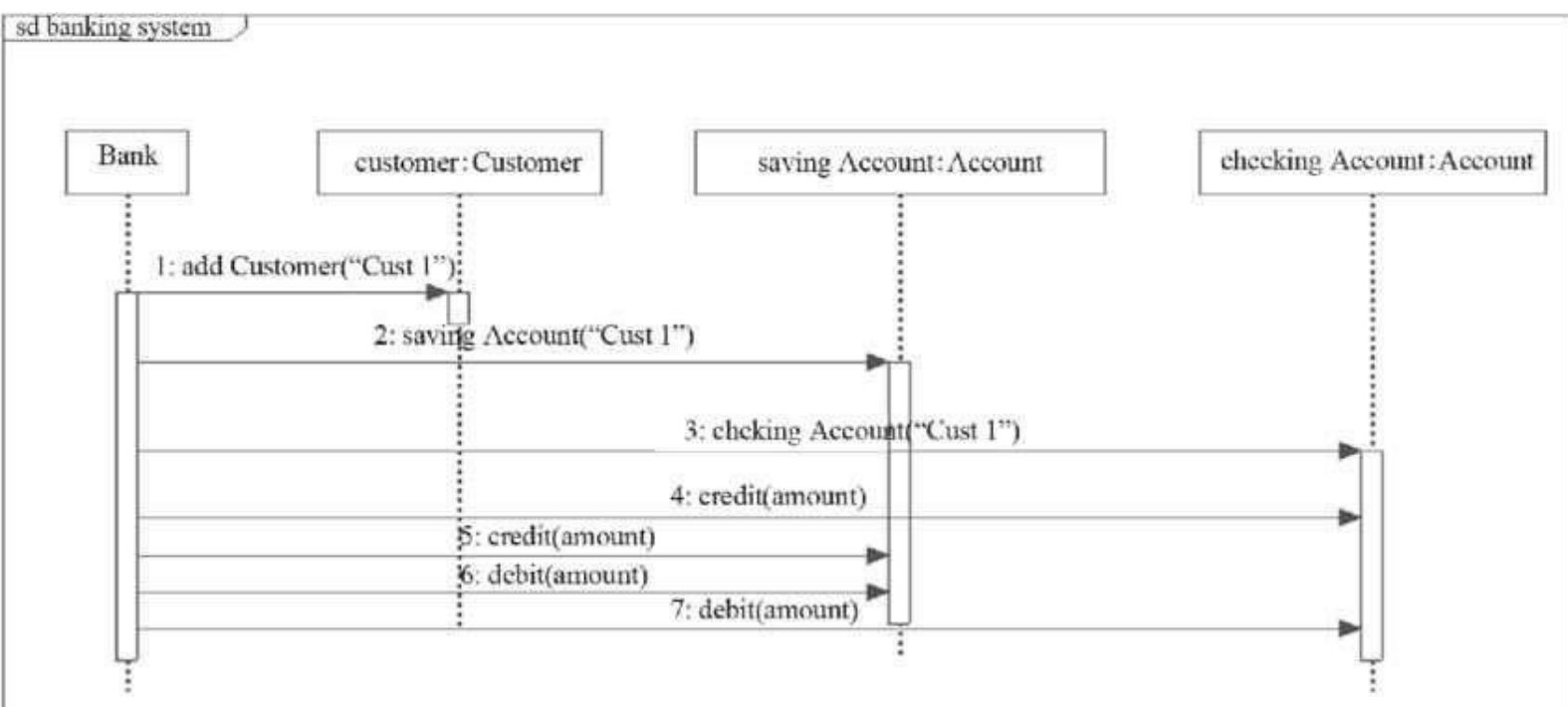
USE CASE DIAGRAM



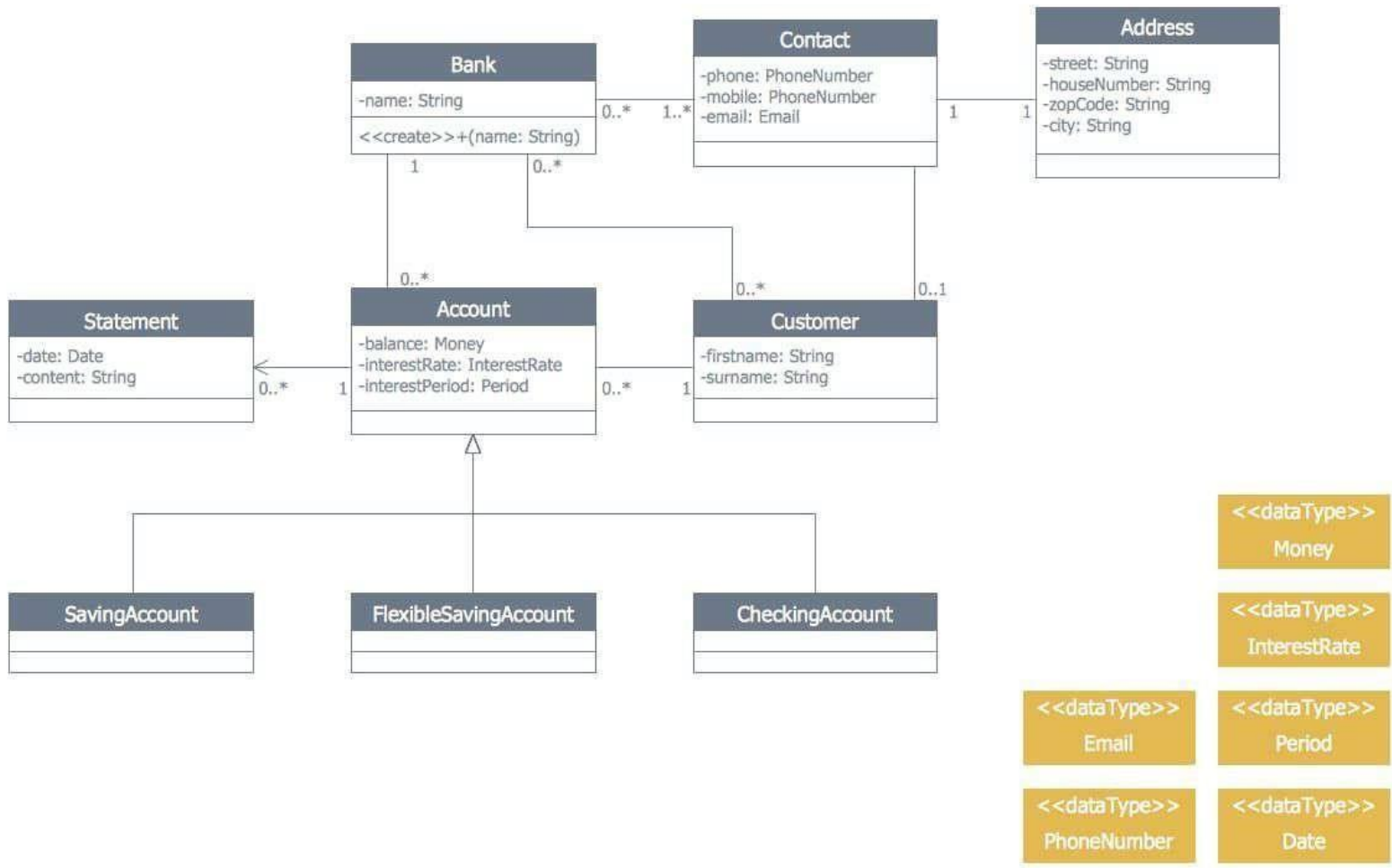
INTERACTION DIAGRAM



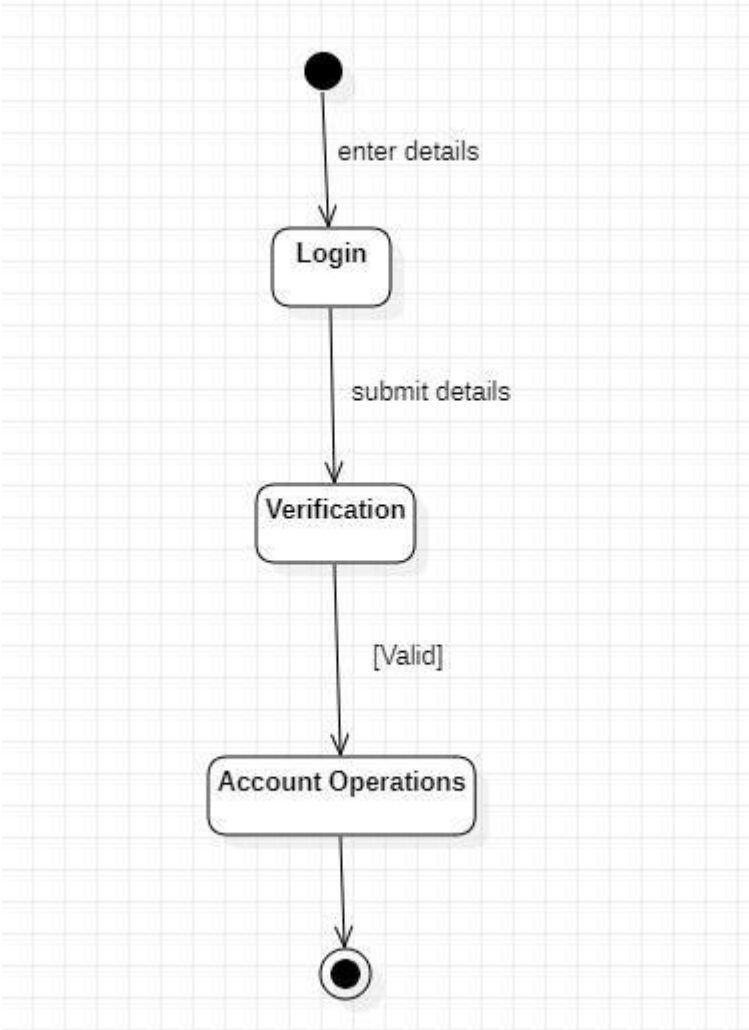
SEQUENCE DIAGRAM



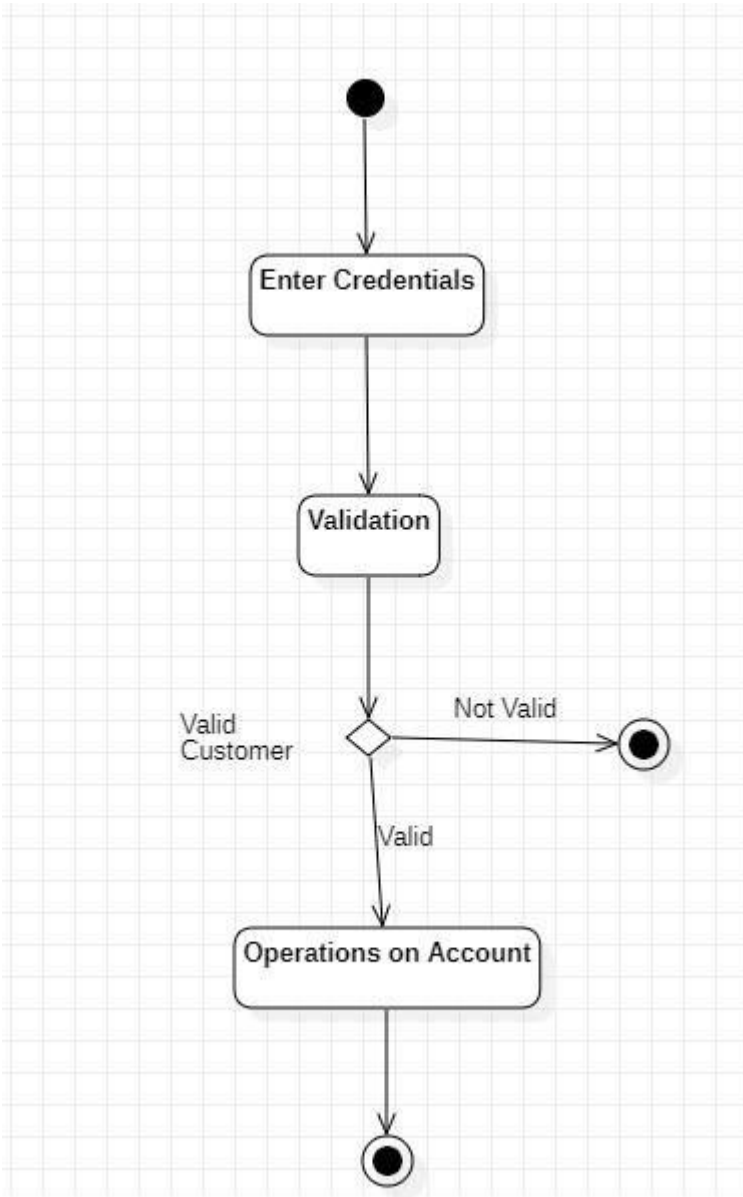
COLLABORATION DIAGRAM



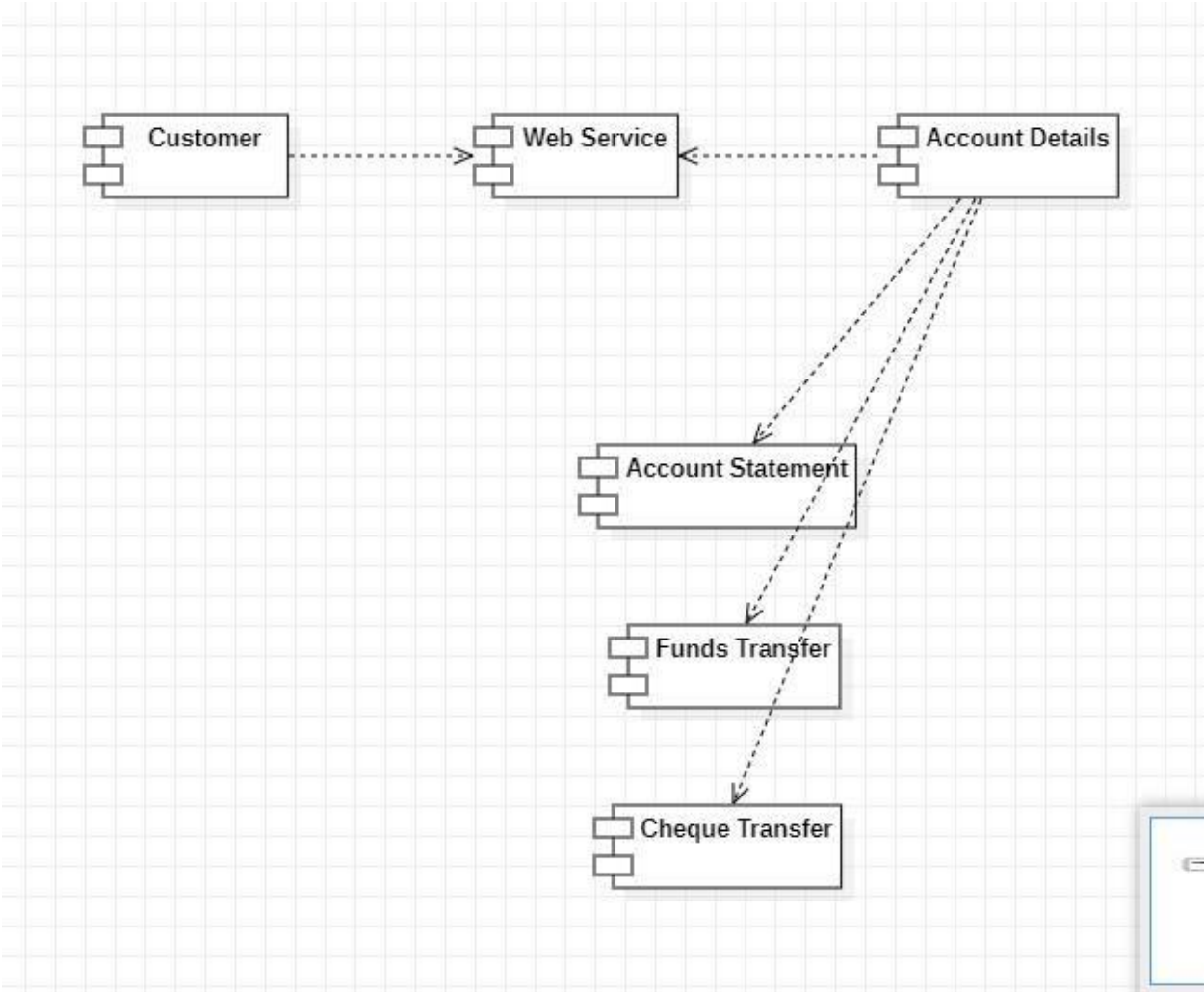
STATE DIAGRAM:



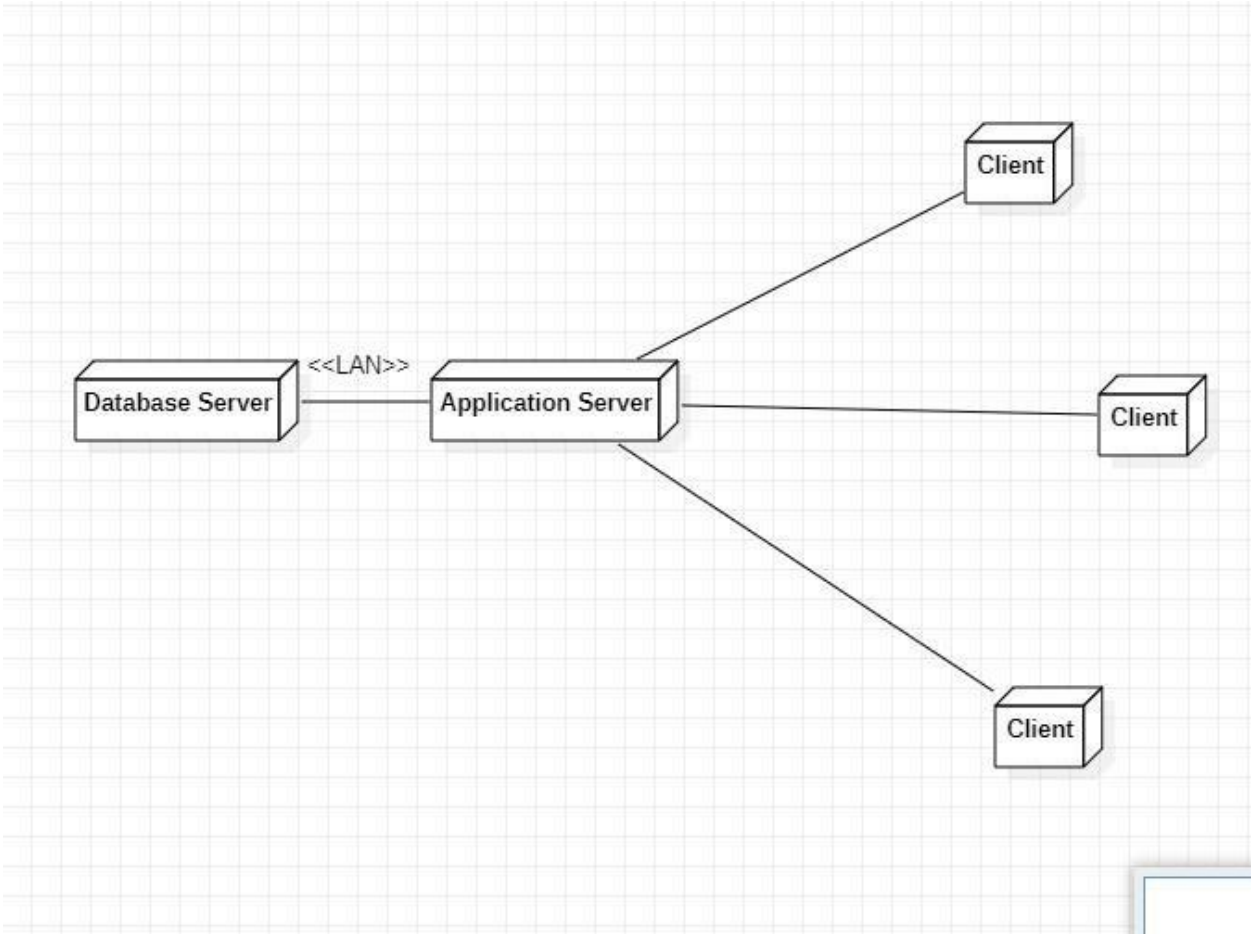
ACTIVITY DIAGRAM:



COMPONENT DIAGRAM:



DEPLOYMENT DIAGRAM:



THANKYOU