Q1. For RDBMS Question #1, Create Class Diagram for Both tables.

accountNo: string

accType: string

balance: number

customerID: string

Account

CreateAcct()

CreateCust()

Customer

CustomerId: string

Fullname: string

Address: string

City: string

PAN\_Number: string

Q2. Create an Activity Diagram to explain fund transfer.

Get Source & Target Account Numbers and Transfer amount from user

Check if both accounts are Valid and active

No Yes

Check if Source Account Balance is more then transfer Amount

If Accounts are not Valid Display Message

No No Yes

Transfer Amount from Source account to Target Account

Update Source & Target Accounts

Display transaction successful Message with Latest Source Account Balance

If Balance is less then Display Message