



Banking Application in Java

(Console Based Application)

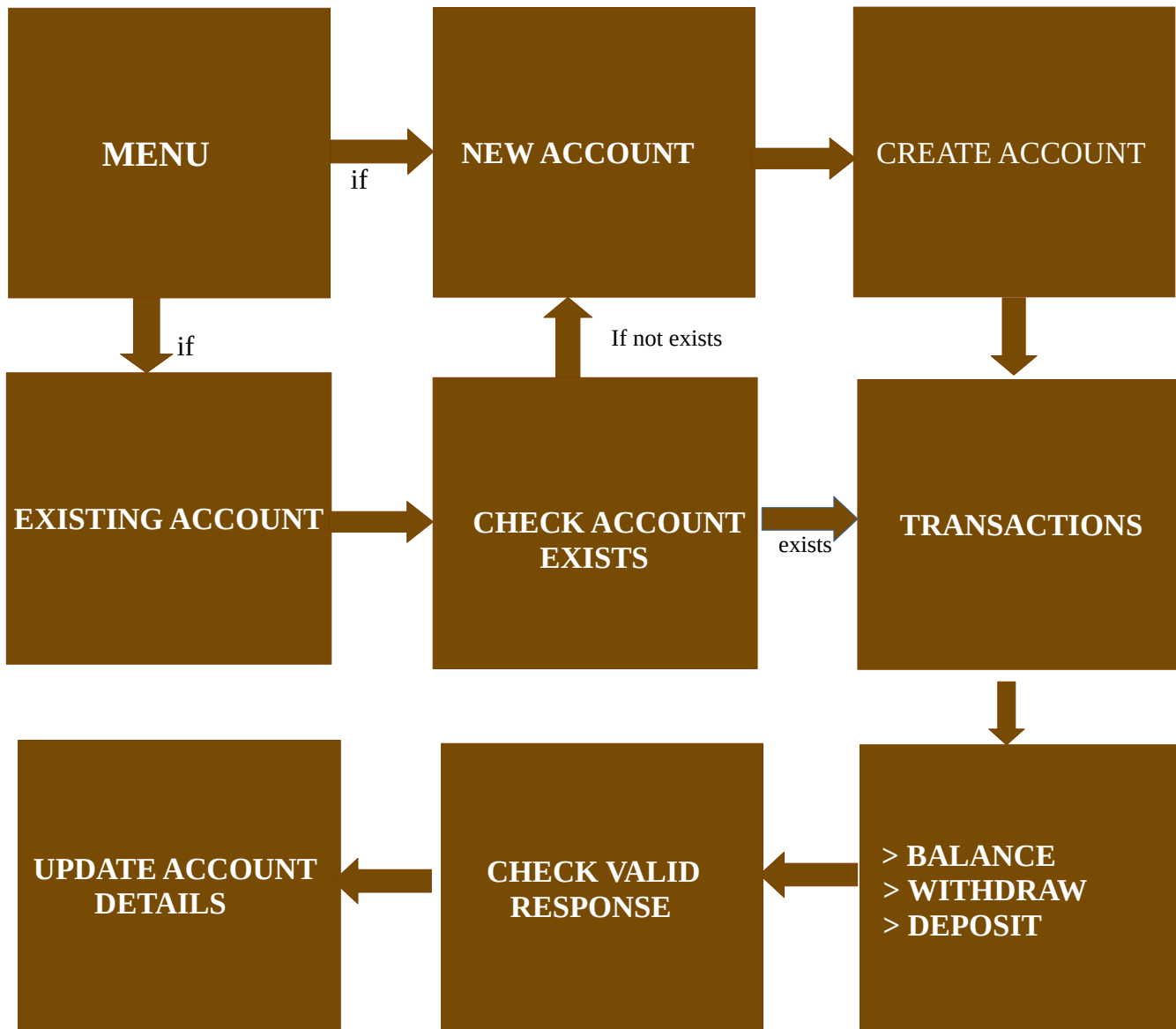
Low Level Design

Domain : JAVA

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FLOW OF PROGRAM



Class Description:

Banking System:

This class contains the interface for Banking Application where the user can choose Create Account Or Transactions(Check, Balance,Deposit,Withdraw).It encompasses the Other Classes to Perform the Transactions. This Class Provides Encapsulation and provides perfect mechanism for Error Handling.

New Account:

This class encompasses Methods for Getting Necessary Details from User for creating a New Account and Checks the information is Valid then Creates the Unique 9Digit Account Number for the Account Holder . By using the Account Number Transactions can be performed.

Existing Account:

This Class contains the methods for Balance ,Deposit and Withdraw. It retrives the information of the Account Holder from the CSV file By Getting Account Number as Input.It Display Balance if the user prompts to show Balance. If the User Prompts to Withdraw or Deposit it Retrives the balance and Updates the balance by user's input .

Check Existing:

This class Checks the Account Number Is valid and it also present in the CSV file, if it exists it retrives the information of the Account Holder and it passes the balance to the Existing Account for Transaction.It Handles the Errors or File Handling issues and it Can be Rectified and prompt the Valid

Message to the user .

Write Account:

This class encompasses methods for Create a Account for the User and Update Details of the User. This class handles the File Operations like Creating the File. Checks if the columns presents or Not. It updates the Balance for a user on the file whenever the user performs transaction on his Account.