**Bank Management System**

<<interface>>

**Admin**

**Bank**

**Account**

- - - - -

|  |
| --- |
| **Account** |
| -Name:String  -AccountNumber:int  -Password:String  -Balance:double |
| /\* constructor\*/  /\*setters and gettes\*/  +Register():void  +Removal(AccountNumber:int):void  +Login():int  +Withdraw(AccountNumber:int):void  +Deposit(AccountNumber:int):void  +displayInfo(AccountNumber int):void  +displaybalance(AccountNumber:int):void  +UiMain():void  +UiClient():void  +UiAdmin():void |

|  |
| --- |
| **Admin** |
|  |
| +Admin()  +AdminLogin():int  +AdminRemove():void  +SearchAccount():void |

|  |
| --- |
| **Bank**  **<<interface>>** |
| +BANK :String  +APP : String |
| *+UiMain():void*  *+UiClient():void*  *+UiAdmin():void* |

**Driver Class (Console Output)**

Welcome to <bank(interface)[Northern Bank]> <appname(interface)[TurboBanking]>

1. Create Account
2. User Login
3. Admin Login
4. Exit the app

Enter an option to continue:

**(if 1)**

Enter your name:

Enter your account number to set:

Enter your password to set:

Enter the amount of money to deposit:

Account Created Successfully!!!

**(if 2)**

Enter your account number:

**(if not found)** Account not found!

Enter your password:

**(if incorrect)** Incorrect password, please try again!

Enter your password:

**(if correct)** Login Successful!

1. Show current balance
2. Display account information
3. Withdraw
4. Deposit
5. Delete your account
6. Logout
7. Exit the app

Enter an option to continue:

**(if 3)**

Enter admin name:

Enter admin password:

**(if not found)** Incorrect credentials, please try again!

Enter admin name:

Enter admin password:

**(if found)**

Login Successful!

1. Search for an account
2. Remove an account
3. Logout
4. Exit the app