Software Requirement Engineering (SE-301-A)

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Topic:

Project Last Deliverable

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BS Software Engineering (III)

GIFT University, Gujranwala

«interface»
SavingsAccount

+rate:double:final = 0.04
+limit:double:final = 10000
+limit1:double:final = 200
+deposit(amount:double, d:Date):
void
+withdraw(amount:double,
d:Date): void

Bank

+internationalPayment:int
+customerMap:
Map<String,Customer>

+Bank()
+toggleIntPayments():void
+changePin(customer:Customer):
void
+main(args:String[]):void

Customer

+username:String
+password:String
+pin:String
+name:String
+address:String
+phone:String
+balance:double
+transactions:Stack<String>

+Customer()
+Customer(username:String,
password:String, name:String,
address:String, phone:String,
balance:double, d:Date)
+update(d:Date):void
+deposit(amount:double, d:Date):
void
+withdraw(amount:double,
d:Date): void
+addTransaction(transaction:
String):void

Admin

+adminId:int
+username:String
+password:String
+email:String
+phoneNumber:long
+isActive:boolean
-customerMap:
Map<String,Customer>

+Admin(customerMap:Map<String,
Customer>)
+delAccount():void
+printAllUsers(): void

Account holder

Register Page

Admin

Database

Enter details such as Name,
Id card,
Phone no.,
email and Password etc.

Verify Username and
Password and other details

check for errors

Check Database if account with
similar id card or username exists

Check Complete: No
duplicate/similarity found

Verification complete

Account Registered
Successfully

Account holder

Login Page

Database

Enter Username and Password for login

Verify Username and Password

Verification complete

Account login Successfully

Account holder

Home Page

Transfer fungds/Payments

Target Account

Transaction

Login
Verify Username & Password

Verified

ok

Display funds in account

Enter Amount to be transferred

Select Target account

Create Transaction

Display Transaction Record

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                            Helpline                    Help center


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  /|\
  / \
Account holder

        Search for help


                              Inquiry forwarded to
                            helpcenter representative to
                                      assist


                              Returns the solution via call
                               or notification messgae


   solution forwared to user
```

Account holder

Card Information

Freeze/Unfreeze Card

Card Freezed/Unfreezed

Reveal/Hide Card Details

Card details revealed/Hidden

Change Pin

Pin Changed

Enable/Disable International Transactions

International Transactions Enabled/Disabled

Activate a Virtual card

Virtual Card Activated