Banking Management System

V1.0

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Java Mode 2 HCL Training – Final Case Study

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# Use Case:

## Database Design:

### Role Table:

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data Type** | **Constraints** |
| ROLEID | Int | Primary key |
| ROLE | Varchar(10) | Not null |

## Schema:

|  |  |
| --- | --- |
| ROLEID | ROLENAME |
| 1 | ADMIN |
| 2 | USER |

# User Interface:

## Login:

### On Login Page:

Server URL: <http://localhost:8089/login>

Server Request: {“EmailId”: “user01”, “Password" :"user@123"}

Server Response: {“msg”:“success”} – http status –ok

Welcome to Banking Management System

Login

<EmailId>

<password>

Login

Reset

Zzz

### On Login Page:Error 1

Welcome to Banking Management System

Login

<EmailId>

<password>

Login

Reset

### On Login Page:Error 2

User Account is invalid

Welcome to Banking Management System

Login

<EmailId>

<password>

Login

Reset

Password should not be empty

EmailId should not be empty

## Register:

Register

Full Name

Password

Account Type

Date Of Birth

Email Id

AccountId

Welcome to Banking Management System

Register

Reset

Register

Pan Card

Aadhar Card

Phone No

# After Successful Login

### Clicking on Account Details

Update Details

ViewTransactions

Welcome to B Management System

Account Details

Welcome User01

Logout

Make Transaction

Welcome to Banking Management System

Account Details:

Welcome User01

Logout

Balance: XXX

Full Name : XXX

Account Id: XXX

### Clicking on Make Transaction:

Welcome to Banking Management System

Pay

Amount:XXX

To:XXX

From : XXX

Transaction Id: XXX

Welcome User01

Logout

New Transaction:

### Clicking on View Transaction:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TransId | TransDate | From | To | TransAmount |
|  |  |  |  |  |

View Transaction:

Welcome to Banking Management System

Welcome User01

Logout

### Update Details:

Update

Enter New PhoneNumber :

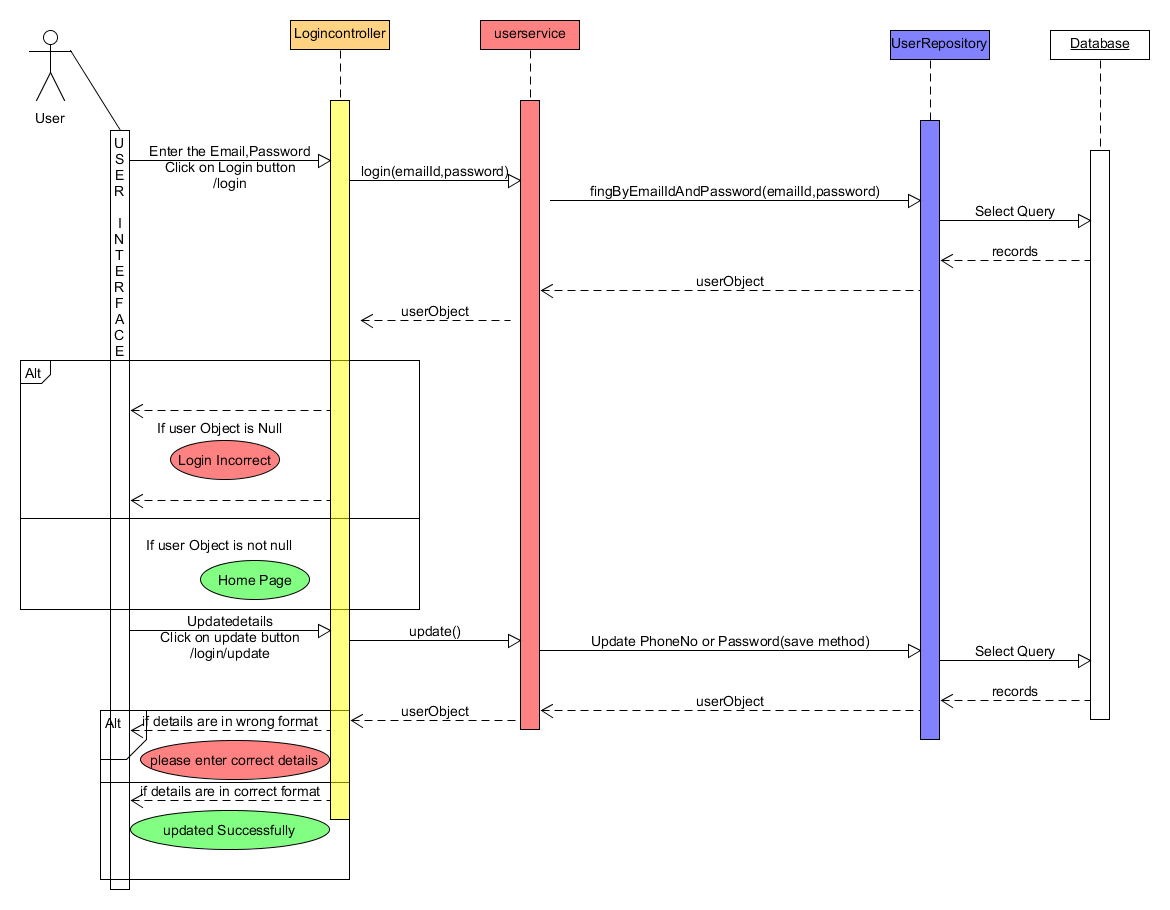
Enter NewPassword :

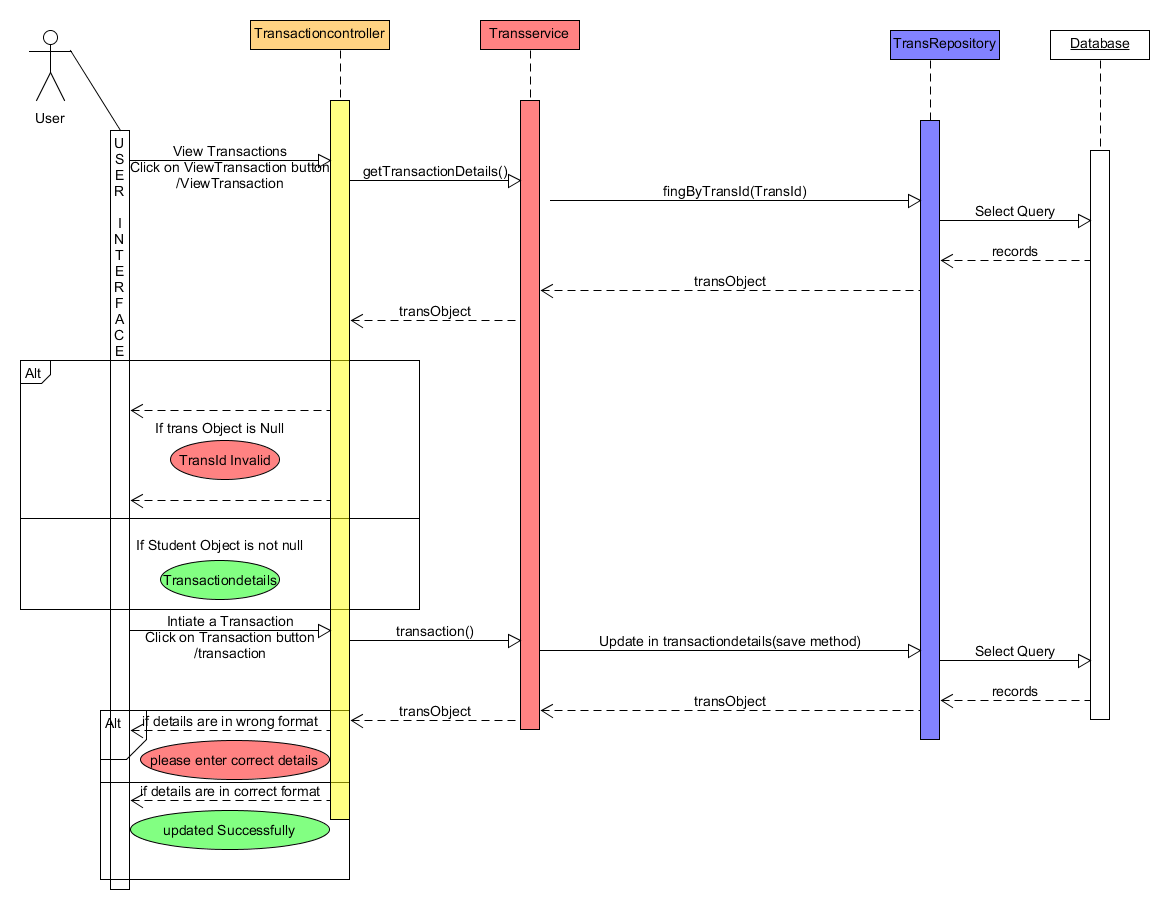
Welcome to Banking Management System

Welcome User01

Logout

# Class Diagrams:





# Sequence Diagram:

