
Mobile Recharge Application

Problem Statement: Mobile Service Provider needs an application for Customer to provide support, so the customer is able to perform various operations like **Account Balance Enquiry** and **Recharge Account**.

Display menu to Customer Care Representative to perform various operations

- 1) Account Balance Enquiry
- 2) Recharge Account
- 3) Display Recharge History
- 4) Exit

1. Account Balance Enquiry Option

If customer selects this option, **MobileNo** should be accepted from the user. If **mobileNo** exists in the table, Balance amount should be displayed, otherwise error message should be displayed.

Sample Run

Enter Mobile No : 9922943943 Your Current Balance is Rs. 500.00

OR

Enter MobileNo : 9834391234

ERROR: Given Account Id Does Not Exits

2. Recharge Account

If customer selects this option, then Mobile No and Recharge Amount needs to be entered by the customer.

Depending on the given Mobile no update the final amount in Account table i.e.

Note : New Account Balance=Existing Balance Amount+ New Recharge Amount

On Success Recharge display “Account Recharged successfully : “ and also display the account details as below.

Sample Run

Enter MobileNo : 9932012345 Enter Recharge Amount : 140

Your Account Recharged Successfully Hello Manish ,Available Balance is 440

OR

Enter Mobile No : 90110212

ERROR: Cannot Recharge Account as Given Mobile No Does Not Exits

3. Display Recharge History

Customer would need to enter his/her mobile number and their recharge history should be displayed.

Assessment Parameters

- *Complete flow of the application with validation and exception handling -60%*
- *Comments/best practice, coding standards – 20%*
- *Execution of the application (Output) – 20%*
- *Use Spring, JdbcTemplate or Hibernate, Java Beans for the above*
- *Write JUNIT test cases*

- *Screenshots should be submitted along with the solution*
- *Code with compilation errors will not be considered for evaluation*