SOFTWARE ENGINEERING CAPSTONE

COMMERCE BANK

Test Specifications

Team VIT

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Test Case ID:	1.1
Title:	Authenticating A User Details in registration page
Feature/Subfeature:	System User Validation
Purpose:	To ensure that only bank customers are able to register into the system.
Initial Conditions:	User must currently be on the Home Page and "Create new Account" button will be present on same page.
Test Data:	Test Data will include invalid usernames like Ja123, passwords like Jahnavi, account number like 1234567890, email like jsk.@gmail.com. Valid usernames and passwords will also be used but will not be listed here for security and confidentiality reasons.
Test Actions:	1. Go to the Home Page 2. Click on the "Create a new Account" link 3. Enter username, email, password, account number, initial amount. 4. Select "Create Account"
Expected Results:	After step 2, create new account page should appear prompting for username, password, account number, email. After step 4, if valid details are entered, "Account Created" notification in green color should be displayed on top of the screen and a customer ID should be sent to the entered email address. If invalid data has been entered, "Invalid details" notification should be displayed and repeats the Step 3.

Test Case ID:	1.2
Title:	Authenticating A User Details in Login page
Feature/Subfeature:	System User Validation
Purpose:	To ensure that only registered bank customers are able to Login to the system.
Initial Conditions:	User must currently be on the Home Page and "Login" button will be present on same page.
Test Data:	Test Data will include invalid customer ID like Bank1234, email like jsk.@gmail.com,. Password like Jahnavi

	Valid emails, passwords, customer ID will also be used but will not be listed here for security and confidentiality reasons.
Test Actions:	1. Go to the Home Page 2. Click on the "Login" link 3. Enter customer ID, email, password. 4. Select "Login"
Expected Results:	After step 2, Login page should appear prompting for customer ID, email, password. After step 4, if valid details are entered, "Login Successful" notification in green color should be displayed on top of the screen and opens the Customer page. If invalid data has been entered, "Invalid details" notification should be displayed and repeats the Step 3.

Test Case ID:	1.3
Title:	Making a new Transaction
Feature/Subfeature:	Transaction Validation
Purpose:	To ensure that only registered bank customers are able to Login to the system and make a new money transaction.
Initial Conditions:	User must successfully login to the system and "Money Transaction" should appear on the screen.
Test Data:	Test Data will include invalid account number, swift number, account holder name, account holder email, amount to transfer Valid details will also be used but will not be listed here for security and confidentiality reasons.
Test Actions:	1. "Money Transaction" link will be displayed at the top on the screen. 2. Click on the link. 3. Select transaction category, transaction type and enter Account number, swift number, account holder name and email, amount to transfer. 4. Select "Submit" button.
Expected Results:	After step 2, New Transaction page should appear.

	After step 4, if valid details are entered, "transaction successful" notification in green color should be displayed on top of the screen and the email should be sent to the both sender and receiver. If invalid data has been entered, "Invalid details" notification should be displayed and repeats the Step 3.

Test Case ID:	1.4
Title:	Transaction History
Feature/Subfeature:	Downloading the Transaction history page in CSV format.
Purpose:	To ensure that only registered bank customers are able to Login to the system and make a new money transaction.
Initial Conditions:	User must successfully login to the system and make a "Money Transaction" and a transaction history link should appear on the top of the screen.
Test Data:	There is no test data for this testcase. Only checking the file downloaded or not.
Test Actions:	1. "Transaction History" link will be displayed at the top on the screen. 2. Click on the link. 3. Customer can view their Transactions history and they can also be downloading the history data in CSV file 4. Select "Download CSV" button.
Expected Results:	After step 2, Transaction history page should appear. After step 4, the CSV file should be download.