

## BMS Project Comprehensive Test Cases

### Login Page Test Cases

Identifier	TC-001
Related Requirements	None
Short Description	Verify that the login form appears with all required fields and buttons.
Pre-conditions	User is on the login page.
Input Data	None
Steps	<ol style="list-style-type: none"><li>1. Open the application you want to test and navigate to the login page.</li><li>2. Look for the presence of a login form on the page.</li><li>3. Look for the presence of a button labelled "Login", "Sign In", or similar wording.</li><li>4. try clicking the button without entering any data.</li></ol>
Expected Result	<ol style="list-style-type: none"><li>1. Login form is present on the page</li><li>2. Invalid login credentials displayed when button is clicked without entering any data.</li></ol>
Actual Result	Login form presented with required input fields Message showing "invalid login credentials" displayed upon clicking button without any data.
status	pass

Identifier	TC-002
Related Requirements	None
Short Description	Check login functionality with correct username and password.
Pre-conditions	User is on the login page.
Input Data	Username, password.
Steps	<ol style="list-style-type: none"><li>1. Enter a valid username and password</li><li>2. Click the "SignIn" button.</li></ol>
Expected Result	User is logged in and redirected to the homepage or dashboard.
Actual Result	User is logged in and redirected to the homepage or dashboard.
status	pass

Identifier	TC-003
Related Requirements	None
Short Description	Check login functionality with incorrect username and password.
Pre-conditions	User is on the login page.
Input Data	Username, password
Steps	1. Enter an invalid username and password 2. Click the "SignIn" button.
Expected Result	User is logged in and redirected to the homepage or dashboard.
Actual Result	User is logged in and redirected to the homepage or dashboard.
status	pass

Identifier	TC-004
Related Requirements	None
Short Description	Verify the Forgot Password? Link.
Pre-conditions	User is on the login page.
Input Data	Username, password
Steps	1. Click on the forgot password link?
Expected Result	User is redirected to the password recovery page.
Actual Result	User is redirected to the signup page.
status	Fail

Identifier	TC-005
Related Requirements	None
Short Description	Validate input field behaviour for SQL injection vulnerability.
Pre-conditions	User is on the login page.
Input Data	Username, password
Steps	<ol style="list-style-type: none"> <li>1. Input basic SQL injection payloads such as ' OR '1'='1.</li> <li>2. DROP TABLE users, and observe the application's response.</li> </ol>
Expected Result	No login occurs; potentially an error message indicating invalid input.
Actual Result	No login occurs; potentially an error message indicating invalid input.
status	pass

### Signup Page Test Cases

Identifier	TC-006
Related Requirements	None
Short Description	Verify that the signup form appears with all required fields.
Pre-conditions	User is on the signup page.
Input Data	none
Steps	<ol style="list-style-type: none"> <li>1. Navigate to the signup page URL.</li> </ol>
Expected Result	The signup form is displayed with fields for "Username", "Password", "CNIC", "account no" and a "sign up" button.
Actual Result	The signup form is displayed with fields for "Username", "Password", "CNIC", "account no" and a "sign up" button.
status	pass

Identifier	TC-007
Related Requirements	None
Short Description	Check the signup functionality with valid input data.
Pre-conditions	User is on the signup page.
Input Data	Username, Password, CNIC, account number.
Steps	<ol style="list-style-type: none"> <li>1. Enter a valid username, password,CNIC, account number.</li> <li>2. Click on the sign up button.</li> </ol>
Expected Result	User registration is successful and a confirmation message is displayed.
Actual Result	User registration is successful and a confirmation message is displayed.
status	pass

Identifier	TC-008
Related Requirements	None
Short Description	Check the signup functionality with invalid CNIC format.
Pre-conditions	User is on the signup page.
Input Data	Username, Password, CNIC.
Steps	<ol style="list-style-type: none"> <li>1. Enter a valid username, password, account number but an invalid CNIC.</li> <li>2. Click on the signup button.</li> </ol>
Expected Result	An error messageis displayed regarding the incorrect CNIC format.
Actual Result	An error messageis displayed regarding the incorrect CNIC format.
status	pass

Identifier	TC-009
Related Requirements	None
Short Description	Verify input validationfor the 'Account No' field with non- numeric characters .
Pre-conditions	User is on the signup page.
Input Data	Username, Password, CNIC, account number.
Steps	<ol style="list-style-type: none"> <li>1. Enter a valid username, password, and CNIC.</li> <li>2. Enter an invalid account number.</li> <li>3. Enter letters or special characters in the account number feild.</li> <li>4. Click on the signup button.</li> </ol>
Expected Result	An error messageis displayed indicating that the account number should only contain numbers.
Actual Result	An error messageis displayedindicatingthat the account number did not match.
status	Fail

Identifier	TC-010
Related Requirements	None
Short Description	Check functionality of “already have an account? Sign in here” link. .
Pre-conditions	User is on the signup page.
Input Data	None
Steps	Click the already have an account? Sign in here link.
Expected Result	User is redirected to the login page.
Actual Result	User is redirected to the login page.
status	Pass

### Dashboard Page Test Cases

Identifier	TC-011
Related Requirements	None
Short Description	Verify that the header loads with the correct logo and navigation links.
Pre-conditions	User is logged into the system.
Input Data	None
Steps	Navigate to the dashboard page.
Expected Result	The header should display the "KingMorgan" logo and navigation links for Home, Services, About, and Logout.
Actual Result	The header should display the "KingMorgan" logo and navigation links for Home, Services, About, and Logout.
status	Pass

Identifier	TC-012
Related Requirements	None
Short Description	Check the functionality of the navigation links in the header.
Pre-conditions	User is on the dashboard page.
Input Data	None
Steps	Click on each link in the navigation bar.
Expected Result	Each link redirects to its respective page correctly
Actual Result	Each link redirects to its respective page correctly
status	Pass

Identifier	TC-013
Related Requirements	None
Short Description	Verify the display and content of the hero section.
Pre-conditions	User is on the dashboard page.
Input Data	None
Steps	Observe the hero section.
Expected Result	The hero section contains a welcoming message and a descriptive paragraph about King Morgan. An image should be visible and properly aligned.
Actual Result	The hero section contains a welcoming message and a descriptive paragraph about King Morgan. An image should be visible and properly aligned.
status	Pass

Identifier	TC-014
Related Requirements	None
Short Description	Ensure the service icons in the 'Services' section link to the correct pages.
Pre-conditions	User is on the dashboard page.
Input Data	None
Steps	Click on each service icon.
Expected Result	Each service icon should link to the appropriate service page.
Actual Result	Each service icon should link to the appropriate service page.
status	Pass

Identifier	TC-015
Related Requirements	None
Short Description	Check the functionality of the 'Logout' link.
Pre-conditions	Users are logged in and on the dashboard page.
Input Data	None
Steps	Click the logout link.
Expected Result	The user is logged out and redirected to the login page.
Actual Result	The user is logged out and redirected to the login page.
status	Pass

Identifier	TC-016
Related Requirements	None
Short Description	Verify all the sections of the page load without any broken links or images.
Pre-conditions	Users are logged in and on the dashboard page.
Input Data	None
Steps	Scroll through the page and inspect all links and images.
Expected Result	All content loads correctly with no broken links or images.
Actual Result	All content loads correctly with no broken links or images.
status	Pass



Identifier	TC-017
Related Requirements	None
Short Description	Test responsive design elements on various devices.
Pre-conditions	Users are logged in and on the dashboard page.
Input Data	None
Steps	Open the dashboard page on different devices (desktop, tablet, smartphone).
Expected Result	The page should be rendered appropriately on different screen sizes, with a responsive layout.
Actual Result	The page should be rendered appropriately on different screen sizes, with a responsive layout.
status	Pass

#### Fund Transfer to Beneficiary Test Cases

Identifier	TC-018
Related Requirements	None
Short Description	Verify that clicking on the 'Money Transfer' service on the dashboard correctly redirects to the 'Fund Transfer' page.
Pre-conditions	Users are logged in and on the dashboard page.
Input Data	None
Steps	Click on the "Money Transfer" service link or icon
Expected Result	Users are redirected to the "Fund Transfer" page.
Actual Result	Users are redirected to the "Fund Transfer" page.
status	Pass

Identifier	TC-019
Related Requirements	None
Short Description	Ensure the 'Fund Transfer' form functions correctly and transfers to the 'Beneficiary' page upon a successful transaction.
Pre-conditions	Users are on the "Fund Transfer" page
Input Data	Amount to transfer
Steps	<ol style="list-style-type: none"> <li>1. Fill in the amount to transfer</li> <li>2. Submit the form</li> </ol>
Expected Result	Upon successful transaction, the user sees a success modal and is then redirected to the "Beneficiary" page.
Actual Result	Upon successful transaction, the user sees a success modal and is then redirected to the "Beneficiary" page
status	Pass

Identifier	TC-020
Related Requirements	None
Short Description	Check the 'Add Beneficiary' functionality on the 'Beneficiary' page
Pre-conditions	Users are on the "Beneficiary" page
Input Data	Bank, account number, beneficiary name.
Steps	<ol style="list-style-type: none"> <li>1. Click the add beneficiary button.</li> <li>2. Fill in the beneficiary details.</li> </ol>
Expected Result	<ol style="list-style-type: none"> <li>1. A new beneficiary is added successfully, and the user receives a success message.</li> <li>2. The list of beneficiaries is updated to include the new entry.</li> </ol>
Actual Result	<ol style="list-style-type: none"> <li>1. A new beneficiary is added successfully, and the user receives a success message.</li> <li>2. The list of beneficiaries is updated to include the new entry.</li> </ol>
status	Pass

Identifier	TC-021
Related Requirements	None
Short Description	Validate the 'Send Money' link functionality for each beneficiary listed on the 'Beneficiary' page.
Pre-conditions	Users are on the "Beneficiary" page with atleast one beneficiary in the list.
Input Data	None
Steps	For a listed beneficiary, click the "Send Money" button.
Expected Result	Users are redirected to the "Fund Transfer" page with pre-filled beneficiary details.
Actual Result	Users are redirected to the "Fund Transfer" page with pre-filled beneficiary details.
status	Pass

### Mobile Top Up and Send Top Up Test Cases

Identifier	TC-022
Related Requirements	None
Short Description	Verify the 'Add Top Up' functionality on the 'Mobile Top Up' page.
Pre-conditions	User is on the "Mobile Top Up" page.
Input Data	Network, mobile number.
Steps	<ol style="list-style-type: none"> <li>1. Click on the add top-up button.</li> <li>2. Enter a valid network and mobile number.</li> <li>3. Submit the form.</li> </ol>
Expected Result	A new mobile top-up is added successfully, and the user receives a success message. The list of mobile top-ups is updated to include the new entry.
Actual Result	A new mobile top-up is added successfully, and the user receives a success message. The list of mobile top-ups is updated to include the new entry.
status	Pass

Identifier	TC-023
Related Requirements	None
Short Description	Validate the 'Send Balance' button functionality on the 'Mobile Top Up' page.
Pre-conditions	User is on the "Mobile Top Up"page with atleast one list item.
Input Data	None.
Steps	Click the"Send Balance"button for any listed mobile top-up.
Expected Result	User is redirectedto the "Send TopUp" page with pre-filled details for the selected mobile top-up.
Actual Result	User is redirectedto the "Send TopUp" page with pre-filled details for the selected mobile top-up.
status	Pass

Identifier	TC-024
Related Requirements	None
Short Description	Ensure successful transaction of sending a top-up on the send top-up page.
Pre-conditions	User is on the "send Top Up"page with pre-filled mobile top-up details.
Input Data	Amount
Steps	<ol style="list-style-type: none"> <li>1. Enter an amount to send.</li> <li>2. Submit the form.</li> </ol>
Expected Result	The transaction is processed and a success message is displayed.
Actual Result	The transaction is processed and a success message is displayed.
status	Pass

Identifier	TC-025
Related Requirements	None
Short Description	Check error handling when submitting an invalid amount on the 'Send TopUp' page.
Pre-conditions	Users are on the "Send Top Up"page.
Input Data	Amount
Steps	Enter an invalid or excessive amount the exceeds the current balance.
Expected Result	An error message is displayed,and the transaction is not processed
Actual Result	An error message is displayed,and the transaction is not processed
status	Pass

#### Card Details Page Test Cases

Identifier	TC-026
Related Requirements	None
Short Description	Verify thatthe card details arecorrectly displayed on the "Card Details" page.
Pre-conditions	User isloggedin and navigates to the "Card Details" page.
Input Data	None
Steps	Access the "Card Details" page fromthe dashboard or direct URL.
Expected Result	The card details including user's name, card type, account balance, card number, and expirydate are displayed correctly as per theuser's account details.
Actual Result	The card details including user's name, card type, account balance, card number, and expirydate are displayed correctly as per theuser's account details.
status	Pass

Identifier	TC-027
Related Requirements	None
Short Description	Ensure the functionality of the toggle switch that controls the card's active status.
Pre-conditions	User is logged in and navigates to the "Card Details" page.
Input Data	None
Steps	Click on the toggle switch next to the card details page.
Expected Result	The toggle should change the the visual state indicating the card's active or inactive status, and a confirmation message or indicator should appear.
Actual Result	The toggle does not change the the visual state indicating the card's active or inactive status, and a confirmation message or indicator should appear.
status	Fail

Identifier	TC-028
Related Requirements	None
Short Description	Validate the visual elements and CSS styles are applied correctly
Pre-conditions	User is logged in and navigates to the "Card Details" page.
Input Data	None
Steps	Inspect the visualelements like background color, alignment, images (Wi-Fi signal andSIM card image), and text formatting .
Expected Result	All elements should be styled according to the specifications in theprovided CSS, ensuring a consistent and responsive layout.
Actual Result	All elements are styled according to the specificati ons in theprovided CSS, ensuring a consistent and responsive layout.
status	Pass

Identifier	TC-029
Related Requirements	None
Short Description	Check responsiveness of the "Card Details" page on various devices
Pre-conditions	User is logged in and navigates to the "Card Details" page.
Input Data	None
Steps	Open the "Card Details" page on different devices (desktop, tablet, smartphone).
Expected Result	The page should render appropriately on different screen sizes, without any overlap or misalignment of elements.
Actual Result	The page renders appropriately on different screen sizes, without any overlap or misalignment of elements.
status	Pass

### Transaction Details Page Test Cases

Identifier	TC-030
Related Requirements	None
Short Description	Verify that transaction details are correctly displayed for each transaction.
Pre-conditions	User has existing transactions and is logged in.
Input Data	None
Steps	<ol style="list-style-type: none"> <li>1. Navigate to the "Transaction Details" page.</li> <li>2. Observe the list of transactions displayed</li> </ol>
Expected Result	Each transaction should display its ID, amount, type, description, and timestamp correctly as per the data stored in the system.
Actual Result	Each transaction is displayed its ID, amount, type, description, and timestamp correctly as per the data stored in the system.
status	Pass

Identifier	TC-031
Related Requirements	None
Short Description	Validate the visual elements and CSS styles are applied correctly
Pre-conditions	User has existing transactions and is logged in.
Input Data	None
Steps	Inspect the visuallayout of the transaction details, including CSS properties like borders, background color, and text alignment
Expected Result	All elements should be styled according to the specifications in the provided CSS, ensuring a consistent and responsive layout.
Actual Result	All elements are styled according to the specificati ons in theprovided CSS, ensuring a consistent and responsive layout.
status	Pass

Identifier	TC-032
Related Requirements	None
Short Description	Check responsiveness of the"Transaction Details" page on various devices
Pre-conditions	User has existing transactions and is logged in.
Input Data	None
Steps	Open the"transaction Details" page on different devices (desktop,tablet, smartphone).
Expected Result	The page should render appropriately on different screen sizes, without any overlap or misalignment of elements.
Actual Result	The page renders appropriately on different screen sizes, without any overlap or misalignment of elements.
status	Pass



Identifier	TC-033
Related Requirements	None
Short Description	Validate that the timestamp for each transaction is displayed in the correct format.
Pre-conditions	User has existing transactions and is logged in.
Input Data	None
Steps	Review the timestamp format for each transaction displayed
Expected Result	Each timestamp should be displayed in a consistent and readable format (e.g., MM/DD/Y YYYY HH:MM:SS)
Actual Result	Each timestamp is displayed in a consistent and readable format (e.g., MM/DD/Y YYYY HH:MM:SS)
status	Pass

#### Account Statement Page Test Cases

Identifier	TC-034
Related Requirements	None
Short Description	Verify that all transactions are listed with correct details.
Pre-conditions	User has existing transactions and is logged in.
Input Data	None
Steps	<ol style="list-style-type: none"> <li>1. Navigate to the "Account Statement" page.</li> <li>2. Review the list of transactions for correctness of details like transaction ID, amount, type, description, and timestamp</li> </ol>
Expected Result	Each transaction listed on the "Account Statement" page should accurately reflect the details from the database with no discrepancies in the data displayed.
Actual Result	Each transaction listed on the "Account Statement" page accurately reflects the details from the database with no discrepancies in the data displayed.
status	Pass

Identifier	TC-035
Related Requirements	None
Short Description	Ensure transactions are correctly categorized by type (debit vs. credit).
Pre-conditions	User is on the "AccountStatement" page.
Input Data	None
Steps	<ol style="list-style-type: none"> <li>1. Verify that debit transactions are grouped and styled with a specific border color (e.g., #611209)</li> <li>2. . Verify that credit transactions are grouped and styled with a different border color (e.g., #008374)</li> </ol>
Expected Result	Debit and credit transactions should be distinctly separated and styled according to the specifications to easily distinguish between the two types.
Actual Result	Debit and credit transactions should be distinctly separated and styled according to the specifications to easily distinguish between the two types.
status	Pass

Identifier	TC-036
Related Requirements	None
Short Description	Check the responsiveness of the 'Account Statement' page on various devices.
Pre-conditions	User is on the "Account Statement" page.
Input Data	None
Steps	Open the "Account Statement" page on different devices (desktop, tablet, smartphone).
Expected Result	The page should render appropriately on different screen sizes, maintaining the layout integrity and content visibility
Actual Result	The page renders appropriately on different screen sizes, maintaining the layout integrity and content visibility
status	Pass

Identifier	TC-037
Related Requirements	None
Short Description	Verify that all user details are displayed correctly on the account info page.
Pre-conditions	User is logged in and has profile details in the system.
Input Data	None
Steps	Navigate to the account info page and verify that user details are displayed correctly.
Expected Result	User details should match the information stored in the system and be displayed correctly on the page.
Actual Result	User details match the information stored in the system and are displayed correctly on the page.
status	Pass

Identifier	TC-038
Related Requirements	None
Short Description	Ensure that account details are accurately displayed.
Pre-conditions	User is logged in and has profile details in the system.
Input Data	None
Steps	Check the display of account number, balance, account type, card number, expiry date, and card type.
Expected Result	All account details should correctly reflect the user's actual data in the system without any discrepancies.
Actual Result	All account details correctly reflect the user's actual data in the system without any discrepancies.
status	Pass

Identifier	TC-039
Related Requirements	None
Short Description	Check the responsiveness of the 'Account Info' page on various devices.
Pre-conditions	User accesses the "Account Info"page.
Input Data	None
Steps	Open the "Account Info" pageon different devices (desktop, tablet, smartphone).
Expected Result	The page should be rendered appropriately on different screen sizes, maintaining layout integrity and content visibility
Actual Result	The page renders appropriately on different screen sizes, maintaining layout integrity and content visibility
status	Pass

### About Us Page Test Cases

Identifier	TC-040
Related Requirements	None
Short Description	Verify thatthe About Us page content is displayed as expected.
Pre-conditions	User navigates to the About Us page.
Input Data	None
Steps	<ol style="list-style-type: none"> <li>1. Accessthe AboutUs page.</li> <li>2. Verify that the text, including the company description, commitment statement and other information, is displayed correctly.</li> </ol>
Expected Result	All descriptions and statementson the About Us page should match the predefined content without any discrepancies.
Actual Result	All descriptions and statementson the About Us page match the predefined content without any discrepancies.
status	Pass

Identifier	TC-041
Related Requirements	None
Short Description	Ensure that all images and videos on the About Us page load correctly and are displayed as intended.
Pre-conditions	User navigates to the About Us page.
Input Data	None
Steps	<ol style="list-style-type: none"> <li>1. Check all images and the video link to ensure they load and display correctly.</li> <li>2. Verify that the video link opens the intended video when clicked.</li> </ol>
Expected Result	Images and video should be clear, correctly positioned, and functional, with the video link opening the correct media.
Actual Result	Images and video should be clear, correctly positioned, and functional, with the video link opening the correct media.
status	Pass

Identifier	TC-042
Related Requirements	None
Short Description	Check the responsiveness of the About Us page on various devices.
Pre-conditions	User navigates to the About Us page.
Input Data	None
Steps	Open the About Us page on different devices (desktop, tablet, smartphone)
Expected Result	The page should be rendered appropriately on different screen sizes, maintaining layout integrity and content visibility
Actual Result	The page renders appropriately on different screen sizes, maintaining layout integrity and content visibility
status	Pass

Identifier	TC-043
Related Requirements	None
Short Description	Verify the functionality of client testimonials and contact form submission
Pre-conditions	User navigates to the About Us page.
Input Data	None
Steps	<ol style="list-style-type: none"> <li>1. Navigate to the testimonials section and ensure each testimonial is displayed correctly.</li> <li>2. Fill out and submit the contact form with valid data.</li> </ol>
Expected Result	Testimonials should be displayed without errors, and the contact form should be submitted without issues, providing a confirmation message upon successful submission.
Actual Result	Testimonials are displayed without errors, and the contact form is submitted without issues, providing a confirmation message upon successful submission.
status	Pass