Test Case: Sign Up

Test Case ID	Memora_001
Test Case Name	Sign Up
Description	This test case is used to test the functionality of the Sign-Up feature.
Created By	Pershant Parkash and Sahil Kumar
Version	1.1
Date	27 January 2025

Prerequisites

S.No	Details
1	No Prerequisite

Test Scenario

Verify Sign-Up functionality with valid credentials and handle all edge cases.

Test Steps

Step No.	Step Details	Expected Results	Actual Results	Status
1	Leave all fields empty	"Sign-Up Failed. Please fill out all required fields."	As Expected	Pass
2	Leave only the username field empty	"Sign-Up Failed. Please enter your username."	As Expected	Pass
3	Enter an invalid email format	"Sign-Up Failed. Please enter a valid email address."	As Expected	Pass
4	Enter a valid email but leave the password empty	"Sign-Up Failed. Please enter your password."	As Expected	Pass
5	Leave the confirm password field empty	"Sign-Up Failed. Please confirm your password."	As Expected	Pass
6	Mismatched password and confirm password	"Sign-Up Failed. Passwords do not match."	As Expected	Pass
7	Enter an invalid CNIC format	"Sign-Up Failed. Please enter a valid CNIC."	As Expected	Pass
8	Enter a CNIC that already exists	"Sign-Up Failed. CNIC already registered."	As Expected	Pass
9	Leave the contact number field empty	"Sign-Up Failed. Please enter your contact number."	As Expected	Pass
10	Leave the date of birth (DOB) field empty	"Sign-Up Failed. Please enter your date of birth."	As Expected	Pass
11	Leave the gender field empty	"Sign-Up Failed. Please select your gender."	As Expected	Pass

12	Leave the address field empty	"Sign-Up Failed. Please enter your address."	As Expected	Pass
13	Enter all valid details	"Sign-Up Successful. Your account has been created successfully."	As Expected	Pass
14	Enter an already registered email	"Sign-Up Failed. Please enter a valid CNIC."	As Expected	Pass
15	Upload no file and click "Submit"	"Upload Failed. Please select a profile picture."	As Expected	Pass

Test Case: Log In

Test Case ID	Memora_002
Test Case Name	Log In
Description	This test case is used to test the functionality of the Log-In feature.
Created By	Pershant Parkash and Sahil Kumar
Version	1.1
Date	27 January 2025

Prerequisites

S.No	Details
1	User must have an account.

Test Scenario

Verify login functionality with valid credentials and handle all edge cases like empty fields, invalid emails, and incorrect passwords.

Test Steps

Step No.	Step Details	Expected Results	Actual Results	Status
1	Enter wrong email and correct password	"Login Failed. User not found."	As Expected	Pass
2	Enter wrong email and wrong password	"Login Failed. User not found."	As Expected	Pass
3	Enter correct email and wrong password	"Login Failed. Invalid Credentials."	As Expected	Pass
4	Enter correct email and correct password	"Login Successful. You have logged in successfully."	As Expected	Pass
5	Leave email or password empty	"Login Failed. Please enter your email and password."	As Expected	Pass

| 6 | Leave email empty | "Login Failed. Please enter your email." | As Expected | Pass |
| 7 | Leave password empty | "Login Failed. Please enter your password." | As Expected | Pass |

Test Case: Profile Updation

Test Case ID	Memora_003
Test Case Name	Profile Updation
Description	This test case is used to test the functionality of the Profile Update feature.
Created By	Pershant Parkash and Sahil Kumar
Version	1.1
Date	27 January 2025

Prerequisites

S.No	Details
1	User should be logged in to update their profile.

Test Scenario

Verify Profile Updation functionality for logged-in users with all edge cases.

Test Steps

Step No.	Step Details	Expected Results	Actual Results	Status
1	Update profile with valid data for all fields	System updates the profile successfully and returns updated profile details.	As Expected	Pass
2	Update a subset of fields (e.g., bio, username)	System updates only the specified fields and retains other data.	As Expected	Pass
3	Send an empty request body	System returns the existing profile without any changes.	As Expected	Pass
4	Update with a duplicate CNIC value that exists for another user	System returns a validation error: "CNIC must be unique."	As Expected	Pass

Test Case: Profile Deletion

Test Case ID	Memora_004
Test Case Name	Profile Deletion
Description	This test case is used to test the functionality of the Profile Deletion feature.
Created By	Pershant Parkash and Sahil Kumar
Version	1.1
Date	27 January 2025

Prerequisites

S.No	Details
1	User should be logged in to delete their profile.

Test Scenario

Verify Profile Deletion functionality for logged-in users.

Test Steps

Step No.	Step Details	Expected Results	Actual Results	Status
1	User presses the "Delete Profile" button and is asked for confirmation	If "Yes" is selected, the system proceeds with profile deletion. If "Cancel" is selected, no action is taken.	As Expected	Pass

Test Case: Friend Functionalities

Test Case ID	Memora_005
Test Case Name	Friend Functionalities
Description	This test case is used to test the functionality of sending friend requests.
Created By	Pershant Parkash and Sahil Kumar
Version	1.1
Date	27 January 2025

Prerequisites

S.No	Details
1	User must log in with an account to send requests.

Test Scenario

Verify friend-related functionalities.

Test Steps

Step No.	Step Details	Expected Results	Actual Results	Status	Additional Requirements
1	User sends a friend request to another user	"Friend request sent successfully."	As Expected	Pass	There should be an option on the frontend to send requests.
2	Get list of accepted friends	The system returns a list of the user's friends with the status 'accepted.'	As Expected	Pass	
3	Get list of pending friend requests	The system returns a list of pending friend requests.	As Expected	Pass	
4	Get list of pending friend requests (none exist)	The system returns an empty array or a message indicating no pending requests.	As Expected	Pass	
5	Get list of accepted friends (none exist)	The system returns an empty array or a message indicating no friends.	As Expected	Pass	
6	User declines a pending friend request	The system updates the friendship status to 'rejected' and returns "Friend request declined."	As Expected	Pass	There should be a pending request for the logged-in user.
7	User accepts a pending friend request	The system updates the friendship status to 'accepted' and returns "Friend request accepted."	As Expected	Pass	There should be a pending request for the logged-in user.

Test Case: Time Capsules Functionality

Test Case ID	Memora_006
Test Case Name	Time Capsules Functionality
Test Case Description	This test case is used to test the functionality of the Time Capsule feature.
Created By	Pershant Parkash and Sahil Kumar
Version	1.1
Date	27 January 2025

Prerequisites

S.No	Details
1	User must log in with an account.

Test Scenario

Verify Time Capsule functionality with valid credentials and handle all edge cases.

Test Steps

Step No.	Step Details	Expected Results	Actual Results	Status
1	User creates a personal time capsule	The system creates a personal time capsule and returns the message: "Time Capsule created successfully."	As Expected	Pass
2	User creates a shared time capsule with friends	The system creates a shared time capsule and associates the friends with the capsule. Returns: "Time Capsule created successfully."	As Expected	Pass
3	User creates a shared time capsule with an empty friends list	The system returns an error message: "Friends list is required for shared capsules."	As Expected	Pass
4	User creates a time capsule with missing title	The system returns an error: "Please provide all other details for time capsule creation."	As Expected	Pass
5	User creates a time capsule with missing unlock date	The system returns an error: "Please provide all other details for time capsule creation."	As Expected	Pass
6	User creates a shared time capsule with multiple friends	The system successfully creates the shared time capsule and associates it with the provided friends.	As Expected	Pass

7	Leave password empty	The system displays a message: "Login Failed. Please enter your password."	As Expected	Pass
8	User fetches their personal time capsules	The system returns a list of personal capsules with details including title, description, unlock date, and status (locked or open).	As Expected	Pass
9	User fetches shared time capsules they are a part of	The system returns a list of shared time capsules, including information about the creator, friends, and capsule status (open or locked).	As Expected	Pass
10	Verify marking of capsule unlock dates on the calendar	The marked dates should have a background color indicating that the capsule will unlock on those dates.	As Expected	Pass
11	Verify tooltip display for selected date	The tooltip should display the capsule's title and the status (locked or unlocked).	As Expected	Pass
12	Verify "Create Capsules" button when no capsules exist	The "Create Capsules" button should be visible, allowing the user to capture and create new capsules.	As Expected	Pass