PROJECT	Testing Instagram Web Version								Designed By	Amisha Shrestha
MODULE	Login, Profile Management, Content Creation and Sharing, User Search								Designed Date	29-Mar
Preconditions	1. User Account Exists with Valid Credentials 2. User is Successfully Logged In (For Profile management, Content creation, User search operations) 3. Device with Internet Access and Supported Web Browser								Executed On	7-Apr

Module: Login Functionality

Test Case ID	Test Case Description	Test Steps	Preconditions	Test Data	Postconditions	Expected Result	Test Design Type	Test Type	Acutal Results	Status	Remarks
TC_Login_01	Valid Login	1. Open app 2. Enter valid username and password 3. Click Login	User account exists	Username: nakama_2113 Password: rightpassword@123	User is logged in	Redirected to home/feed page	BVA (Boundary Value)	Functional Testing (Automation Testing)	User successfully logged in and is redirected to the home/feed page, confirming valid credentials work as expected.	Pass	User may not be able to login sometimes from automation testing due to security functionality of instagram
TC_Login_02	Invalid Login with incorrect password	1. Open app 2. Enter incorrect credentials 3. Click Login	None	Username: nakama_2113 Password: wrongpassword	Remain on login screen	Error message is displayed	Negative Testing	Functional Testing (Automation Testing)	Error message "Incorrect username or password" appears. User remains on the login screen (no access to home page).	Pass	
TC_Login_03	Login with spaces before or after username/ password	1. Open app 2. Enter space before username. 3. Enter space before password. 4. Click Login	User account exists	Username: " nakama_2113" Password: " rightpassword@123"	Remain on login screen	Error message is displayed	Error Guessing	Functional Testing (Automation Testing)	Error is displayed and the user remains on the login screen.	Pass	
TC_Login_04	Login with case sensitivity in username/password	1. Open app 2. Enter valid username with different casing 3. Enter valid password with different casing 4. Click Login	User account exists	Username: NAKAMA_2113 Password: RIGHTPASSWORD@123	Remain on login screen	Error message is displayed (Login fails due to case mismatch)	Negative Testing	Functional Testing	Error is displayed and the user remains on the login screen.	Pass	

Module: Profile Management

Test Case ID	Test Case Description	Test Steps	Preconditions	Test Data	Postconditions	Expected Result	Test Design Type	Test Type	Acutal Results	Status	Remarks
TC_Profile_01	Update Profile Info	1. Go to profile 2. Edit name/bio 3. Save changes	User is logged in	Name: Monkey D Luffy	Profile updated	Changes visible on profile	Functional Testing	Functional Testing	Profile updated successfully; new name and bio are displayed on the profile page.	Pass	Not able to update bio for multiple times in a day.
TC_Profile_02	Upload Profile Picture	1. Go to profile 2. Click profile picture 3. Upload image	User is logged in	Image: profile.jpg	Profile picture chang	New picture is displayed	Usability Testing	Functional Testing	Profile picture uploaded successfully and appears correctly in the profile view.	Pass	
TC_Profile_03	Update profile information with special characters	1. Go to profile 2. Enter bio with special characters 3. Save	User is logged in	Bio: @mugiwara	Profile updated	Changes visible on profile	Functional Testing	Functional Testing (Automation Testing)	Bio accepts special characters and reflects updated information on the profile.	Pass	
TC_Profile_04	Cancel Profile Edit	1. Edit profile 2. Click cancel/back	User is logged in	Any changes	No updates saved	Original profile data remains	Functional Testing	Functional Testing	Changes canceled; profile retains the original details without any updates.	Pass	

Module: Content Creation and Sharing

Test Case ID	Test Case Description	Test Steps	Preconditions	Test Data	Postconditions	Expected Result	Test Design Type	Test Type	Acutal Results	Status	Remarks
TC_Content_01	Upload Photo with Caption	1. Tap upload 2. Select photo 3. Add caption 4. Share	User is logged in	Photo: img1.jpg Caption: "Sunny day"	Post created	Post appears on feed	Functional Testing	Functional Testing	Photo post created successfully; captions visible on the feed.	Pass	
TC_Content_02	Invalid File Upload	1. Tap upload 2. Select unsupported file 3. Try to share	User is logged in	File: badfile.exe	No upload	Error message shown	Negative Testing	Functional Testing	Unsupported file rejected; error message displayed as expected.	Pass	
TC_Content_03	Upload video within size limit	1. Tap upload 2. Select video within size limit 3. Add caption 4. Share	User is logged in	Video: video1.mp4 (50MB) Caption: "Check this out!"	Post created	Video post appears on feed	Load/ Stress Testing	Non-Functional Testing	Video uploaded and visible on the feed, though a slightly longer load time was observed.	Pass	
TC_Content_04	Verify user can share a photo from their device gallery to Instagram story	1. Login to Instagram 2. Tap on "Your Story" or swipe right from feed 3. Select a photo from gallery 4. Tap "Your Story" to post	User is logged in and has photos in their device gallery	Valid image file (JPG/PNG)	Photo is uploaded and visible in the user's story	The selected photo is successfully posted to the user's story	Functional Testing	Functional Testing	Selected photo is shared successfully to the story and appears promptly in the story feed.	Pass	
TC_Content_05	Verify user can share note	1. Login to Instagram 2. Navigate to Notes Section on Profile 3. Type Note 4. Click Share	User is logged in	Note: It's not about if I can. I'm doing it because I want to.	Note shared	Note is successfully shared and appears on designated note area.	Functional Testing	Functional Testing (Automation Testing)	Shared note is visible	Pass	User is not able to share notes if there is already a note present
TC_Content_06	Verify user can share long notes	1. Login to Instagram 2. Navigate to Notes Section on Profile 3. Type Note 4. Try to share	User is logged in	Note:You Do What You Can, The Best That You Can And Then You Turn To The Others And Expect The Same From Them.	Note shared	Note is successfully shared and appears on designated note area.	Functional Testing	Functional Testing	Shared note is not visible.	Fail	Instagram does not allow to share notes more than 60 characters

Module: User Search											
Test Case ID	Test Case Description	Test Steps	Preconditions	Test Data	Postconditions	Expected Result	Test Design Type	Test Type	Acutal Results	Status	Remarks
TC_Search_01	Search Existing User	1. Open search 2. Type valid username	User is logged in	Username: anime_ottawa	User profile appears	Correct profile shown	Functional Testing	Functional Testing **(Automation Testing)**	Profile of **"anime_ottawa"** appears successfully when a valid username is entered.	Pass	
TC_Search_02	Invalid User Search	1. Open search 2. Type non-existing username	User is logged in	Username: user	No user found	Message: "No results found"	Negative Testing	Functional Testing	"No results found" message is displayed when searching with a non-existing username.	Pass	
TC_Search_03	Search Field Empty	1. Open search 2. Leave search field empty 3. Press enter	User is logged in	Username: ""	No user found	Message: "No results found"	Negative Testing	Functional Testing	As expected	Pass	
TC_Search_04	Partial Username Search	1. Open search 2. Type part of username	User is logged in	Username: "tes"	List of matching use	Show all users starting with "anime"	Functional Testing	Functional Testing	Matching user profiles are shown	Pass	
TC_Search_05	Search with special characters	1. Open search 2. Enter special characters in search field	User is logged in	Search Query: "@#$%^&*"	User bio or profile with characters are displayed	Message: "No results found"	Functional Testing	Functional Testing	As expected	Pass	