

SocialMedia Website whatsapp

Test Scenario's for User Registration

TestScenario ID	TestScenario Description
TS001	Verify that the user can successfully register with valid credentials.
TS002	Verify that the system validates all required fields during registration.
TS003	Verify that the system displays an error message for invalid email or phone numbers.
TS004	Verify that the system prevents duplicate registrations with the same email or phone number
TS005	Verify that a user receives a verification code (via SMS or email) upon registration.
TS006	Verify that the user can successfully complete registration by entering the correct verification code.
TS007	Verify that the user is redirected to the login page after successful registration.

TestCases for User Registration :

TestCase ID	TestCase Description	Test Steps	Expected Result
TC001	Verify successful Registration with valid credentials	Open browser and enter https://www.whatsapp.com then hit enter button . 1.open the Whatsapp registration screen. 2.Enter valid phone number 3.click "Next". 4.Enter the verification code received vis SMS 5.click "verify".	The user sucessfully registered and user redirected to profile setup page or chat interface.
TC002	Verify validation of required fields(phone number)	1.open the Whatsapp registration screen. 2.Leave the phone number field as blank	System displays an error message indicating that the phone number is mandatory.

		3.click "Next".	
TC003	Verify that entering an incomplete phone number triggeres validation	1.open the Whatsapp registration screen. 2.Enter an incomplete phone number (eg:8 digits) 3.click "Next".	System displays an error message indicating that the phone number is incomplete or invalid
TC004	Verify error message for invalid phone number format	1.open the Whatsapp registration screen. 2.Enter invalid phone number(eg :type letter instead of digits). 3.click "Next".	System displays an error message indicating that the phone number format is invalid
TC005	Verify prevention of duplicate registration	1.open the Whatsapp registration screen. 2.Enter a phone number that has already ben registered. 3.click "Next".	System displays an error message indicating that the phone number is already registered and prompts the user to login or reset their password.
TC006	Verify that a verification code is sent via SMS	1.open the Whatsapp registration screen. 2.Enter valid phone number. 3.click "Next".	system sends an SMS with a verification code to the entered phone number.
TC007	verify sucessful registration with the correct verification code	1.open the Whatsapp registration screen. 2.Enter valid phone number. 3.click "Next". 4.Enter verification code received via SMS . 5.Click "verify".	System sucessfully verifies the code and completes registration process,user redirects to profile setup or chat interface .
TC008	Verify redirection to login page after successful registration	1.complete registration process using valid credentials and valid verification code.	the user automatically redirects to profile setup page or chat interface after successful registration.

TestScenario for profile management

TestScenario ID	TestScenario Description
TS001	Verify that the user can view their profile details
TS002	Verify that the user can update their profile information
TS003	Verify that the system validates the profile information during updates.
TS004	Verify that the user can upload or change their profile picture.
TS005	Verify that the changes made to the profile are reflected immediately
TS006	Verify that the user can set their status message.
TS007	Verify that the system displays an error message if the profile update fails.

TestCases for ProfileMangement

TestCase ID	TestCase Description	Test Steps	ExpectedResults
TC001	verify that the user can view profile details	1.login to the whatsapp application 2.navigate to the "Settings"section. 3.click on profile to view profile details .	the use can view their profile details including name ,phone number,profile picture and status message.
TC002	verify that the user can update their profile information	1.login to the whatsapp application 2.navigate to the "Settings" section. 3.click on "profile " . 4.edit the name ,about ,and other details.	The profile information is updated sucessfully and changes are reflected immediately.

		5.click "save" or "Done".	
TC003	verify that the system validates profile information during updates .	1.login to the whatsapp application 2.navigate to the "Settings" section. 3.click on "profile ". 4.attempt to update the profile with invalid data (e g: blank name) 5.click "save" or "Done".	system displays an error message indicating the invalid data and prevents savings the changes.
TC004	verify that the user can upload or change their profile picture.	1.login to the whatsapp application 2.navigate to the "Settings" section. 3.click on "profile ". 4.tap on profile picture 5.select "Upload" or "Change". 6.Choose a new picture from the gallery or take a new photo. 7.confirm the selection.	the profile picture is updated sucessfully and is visible on the profile page.
TC005	verify that profile changes are reflected immediately	1.login to the whatsapp application 2.navigate to the "Settings" section. 3.click on "profile ". 4.update profile details(name, status ,picture). 5.click "Save" or "Done".	The updated profile information(name, status ,picture)is immediately reflected on the user's profile
TC006	verify that the user can set their status message	1.login to the whatsapp application 2.navigate to the "Settings" section. 3.click on "profile ". 4.Enter or update the status message. 5.click "Save" or "Done".	The status message is updated sucessfully and is visible to the user's contacts under their profile.
TC007	verify that the system displays an error	1.login to the whatsapp application	The system displays an error message

	message if the profile update fails.	2.navigate to the "Settings" section. 3.click on "profile ". 4.attempt to update the profile with invalid data or no internet connection. 5.click "Save" or "Done".	indicating that the profile update failed due to an issue(e g:no internet connection)and profile is not updated.
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TestScenario for posting content

TestScenario ID	TestScenario Description
TS001	Verify that the user can create a new post.
TS002	Verify that the user can upload images or videos in a post.
TS003	Verify that the user can edit an existing post.

Testcases:

TestCase ID	TestCase Description	Test Steps	ExpectedResults
TC001	verify that the user cab create a new post	1.login to the whatsapp application 2.navigate to the "Status" or "Post" section. 3.click on "Create a new post". 4.enter the text for the post. 5.click"Post" or "Share".	the new post is sucessfully created and appears in the user's status section
TC002	verify that the user can upload image or videos in a post	1.login to the whatsapp application 2.navigate to the "Status" or "Post" section. 3.click on "Create a new post". 4.tap on the "Add Media" Icon. 5.selec an image or video from the	the post with the image or video is sucessfully uploaded and appears in the status section.

		gallery. 6.click"Post" or "Share".	
TC003	verify that the user can edit an existing post	1.login to the whatsapp application 2.navigate to the "Status" or "Post" section. 3.findout existing post 4.click on the "Edit"option (if available) 5.make changes to the post content. 6.click "Save" or "Update".	the post is updated with the new content and changes are reflected in the user's status section.
TC004	verify that the user can delete a post	1.login to the whatsapp application 2.navigate to the "Status" or "Post" section. 3.findout an existing post 4.click on the "Delete" option 5.confirm the deletion.	the post is sucessfully and no longer appears in the user's status section.

TestScenarios for Notification

TestScenarioID	TestScenario Description
TS001	verify that the user receives a notification for new messages.
TS002	Verify that the user receives a notification for missed calls
TS003	Verify that the user receives a notification for status updates from contacts
TS004	Verify that notifications are displayed when the app is running in the background
TS005	Verify that notifications include a sound or vibration alert.
TS006	Verify that the user can tap on a notification to open the

	relevant chat or call.
TS007	verify that notifications are cleared from the notification bar once viewed.
TS008	Verify that notifications are displayed correctly on different devices and screen sizes
TS009	Verify that the user can turn off notifications for specific contacts or groups.

Test Cases:

TestCase ID	TestCase Description	TestSteps	ExpectedResults
TC001	verify that the user receives a notification for new messages	1.login to the whatsapp application 2.send a message from another user account 3.check the notification bar on the first user's device.	the user receives a notification indicating a new message with the sender's name and preview of the message content.
TC002	verify that the user receives notification for missed calls .	1.login to the whatsapp application 2.make voice or video call from another user account 3.decline or miss the call on the first user's device 4.check the notification bar on the user's device.	the user receives a notification indicating a missed call including, the caller's name and time of the missed call.
TC003	verify that the user receives a notification for status update from contacts	1.login to the whatsapp application 2.post a new status update from another user account 3.check the notification bar on the first user's device.	The user receives a notification indicating a new status update from one of their contacts.
TC004	verify that notifications are displayed when the app is running in the background	1.login to the whatsapp application 2.minimize the app or switch to another app 3.send a message or call from another user's account 4.check the notification bar on first user's device .	the user receives a notification even when the app is running in the background indicating the new message or missed call.

TC005	verify that notification include a sound or vibration on alert	1.login to the whatsapp application 2.ensure that notification sounds and vibrations are enabled in the settings 3.send a message or call from another user's account 4.check the notification alert on the first user's device	the user hears a notification sound when the notification is received.
TC006	verify that the user can tap on a notification to open the relevant chat or call	1.login to the whatsapp application 2.receive a notification for a new message or missed call 3.tap on the notification in the notification bar	the user is redirected to the relevant chat conversation or call log within the app
TC007	verify that notifications are cleared from the notification bar once viewed	1.login to the whatsapp application 2.receive a notification for a new message or missed call 3.open the relevant chat conversation or call within the app 4.check the notification bar	the notification is cleared from the notification bar once the message is viewed
TC008	verify that notifications are displayed correctly on different device and screen sizes	1.login to the whatsapp application on different devices(e g: smart phone) 2.send a message or call from another user's device 3.check notification displays on each device	notifications are displayed correctly on all devices ,with proper formatting and alignment
TC009	verify that the user can turn off notifications from particular group or specific chat	1.login to the whatsapp application 2.open a specific or group conversation 3.access the chat or group settings 4.turn off notifications for the contact or group 5.send the message from the muted contact or group chat	group notification are not received for the muted contact or group chat conversations

TestScenarios for Settings :

TestScenario ID	TestScenario Description
TS001	Verify that the user can access the settings menu from the main app screen.
TS002	Verify that the user can update their account information (e.g., phone number, email, password).
TS003	Verify that the user can manage privacy settings (e.g., last seen, profile photo visibility)
TS004	Verify that the user can change the app's theme (e.g., light or dark mode).
TS005	Verify that the user can manage chat settings (e.g., backup, chat history)
TS006	Verify that the user can enable/disable two-factor authentication.
TS007	Verify that the user can clear chat history for all or specific chats.
TS008	Verify that changes made in settings are saved and applied correctly
TS009	Verify that the user can manage notification settings.

testcases

TestCase ID	TestCase Description	TestSteps	Expected Results
TC001	verify that the user can access the settings menu from the main screen app	1.login to the whatsapp application 2.from the main screen ,tap on the "Settings" icon	the setting's menu opens ,displaying options such as account, chat notification, privacy, etc.
TC002	verify that the user can update their account information (e g: phone number, email, password)	1.login to the whatsapp application 2.navigate to the "Account "Section 3.select the option to update phone number or email or password.4.enter the new information and save the changes	the account information is updated sucessfully and confirmation message is displayed.

TC003	verify that the user can change the app's theme	1.login to the whatsapp application 2.access the "Settings" menu 3.navigate to the "Display" or "Theme" setting. 4.select the desired theme 5.save the changes	the app's theme changes to the selected mode
TC004	verify that the user can manage privacy settings(hide last seen)	1.access the settings option 2.navigate to the 'Privacy" settings 3.update the privacy settings such as last seen, profile photo 4.save the changes	privacy setting are updated and the changes are reflected immediately
TC005	verify that the user can manage notification settings	1.Access the settings menu 2.navigate to the 'Notification" settings 3.manage notification preferences 4.save the changes	notification settings are updated and app reflects these preferences
TC006	verify that the user can manage chat setting(eg;backup chat ,chat history)	1.access the settings option 2.navigate to the "Chats" setting option 3.manage the chat related things 4.save the changes	chat settings are updated and the app refelect these changes
TC007	verify that the user can enable/disable a two-factor authentication	1.access the "Settings" option 2.navigate to the "Account" section 3.select the option for two-factor authentication 4.enable/disable that by following prompts	the user can sucessfully enable/disable two -factor authentication