

Test Case ID	Description	Steps	Expected Result	Pass/Fail
TC-001	User Registration	<ol style="list-style-type: none"> 1. Open the Telegram application. 2. Click on 'Start Messaging.' 3. Enter a valid phone number. 4. Enter the verification code received via SMS. 	The user should be registered successfully and redirected to the main chat screen.	Pass
TC-002	Login	<ol style="list-style-type: none"> 1. Open the Telegram application. 2. Enter registered phone number. 3. Enter the verification code received via SMS. 	The user should be logged in successfully and see the main chat screen.	Pass
TC-003	Send Message	<ol style="list-style-type: none"> 1. Open a chat with an existing contact. 2. Type a message in the message input field. 3. Click the 'Send' button. 	The message should be sent and appear in the chat window.	Pass
TC-004	Receive Message	<ol style="list-style-type: none"> 1. Have a contact send a message to the user. 2. Open the chat with that contact. 	The received message should appear in the chat window.	Pass
TC-005	Create Group	<ol style="list-style-type: none"> 1. Click on the 'New Group' option. 2. Select multiple contacts. 3. Click 'Next' and set a group name. 4. Click 'Create.' 	The group should be created successfully and visible in the chat list.	Pass
TC-006	Send Media (Photo/Video)	<ol style="list-style-type: none"> 1. Open a chat with a contact or group. 2. Click the attachment icon. 3. Select a photo or video. 4. Click 'Send.' 	The media file should be sent and appear in the chat window.	Pass
TC-007	Delete Message	<ol style="list-style-type: none"> 1. Open a chat. 2. Long press on a message. 3. Click 'Delete' and confirm. 	The message should be deleted and no longer visible in the chat window.	Pass
TC-008	Change Profile Picture	<ol style="list-style-type: none"> 1. Go to Settings. 2. Click on the profile picture. 3. Select a new photo from the gallery. 4. Adjust and save. 	The profile picture should be updated and visible in the user's profile.	Pass

TC-009	Edit Message	<ol style="list-style-type: none"> 1. Open a chat. 2. Long press on a message sent by the user. 3. Click 'Edit'. 4. Modify the message text. 5. Click 'Save'. 	The message should be updated with the new text.	Pass
TC-010	Add Contact	<ol style="list-style-type: none"> 1. Go to Contacts. 2. Click on 'Add Contact'. 3. Enter contact details. 4. Click 'Save'. 	The new contact should be added to the contact list.	Pass
TC-011	Voice Call	<ol style="list-style-type: none"> 1. Open a chat with an existing contact. 2. Click the phone icon. 3. Select 'Voice Call'. 	The voice call should be initiated successfully.	Pass
TC-012	Video Call	<ol style="list-style-type: none"> 1. Open a chat with an existing contact. 2. Click the phone icon. 3. Select 'Video Call'. 	The video call should be initiated successfully.	Pass
TC-013	Mute Notifications	<ol style="list-style-type: none"> 1. Open a chat with an existing contact or group. 2. Click on the contact/group name at the top. 3. Click 'Mute Notifications'. 4. Select the duration. 	Notifications for the chat should be muted for the selected duration.	Pass
TC-014	Block Contact	<ol style="list-style-type: none"> 1. Open a chat with the contact to be blocked. 2. Click on the contact name at the top. 3. Scroll down and click 'Block Contact'. 	The contact should be blocked, and the user should not receive messages from them.	Pass
TC-015	Search Messages	<ol style="list-style-type: none"> 1. Open a chat. 2. Click on the search icon. 3. Enter a keyword. 4. Review the search results. 	Messages containing the keyword should be displayed in the search results.	Pass