Id	Module	Sub-module	Summary	Steps	Expected results	Result
TC-1	Instalation	Instalation	Install app	1. Download Ringl Messenger from App Store 2. Open Ringl Messenger	1. The app icon appeared on the device's display 2. The application opened on the registration page. A welcome page with a phone number input field is open.	PASSED
TC-2	Account	Registration	New user registration	1. Enter a valid phone number 2. Enter the received code 3. Enter the username 4. Confirm the language download	1. Confirmation code input page is open. 2. Name input page is open. 3. Application requests permission to download the language. 4. Chat list page is open. New user is registered and saved on app database	PASSED
TC-3	Contacts	Find user	Find user use telephone number	**Preconditions:** Open chat room **Steps:** 1. Click "New Chat" 2. Click "Find User" 3. Enter a phone number 4. Click "Find"	1. An action sheet with the buttons "New Secure Group", "New Community", "New Channel", "Find User", and "Invite Friends" is open. 2. A page with a field for entering a phone number is open. Below the phone number input field is a "Find" button. 3. Entered phone number is displayed in the input field. 4. A chat with the user whose number was entered is open. Notification about end-to-end encryption is located at the bottom	PASSED
TC-4	Chats	Chats p2p	Chat p2p actions	**Preconditions:** Find user using telephone number **Steps:** 1. Send text message 2. Send voice message 3. Send file 4. Send images and videos from gallery 5. Take photo/Record video 6. Delete message locally 7. Delete message everywhere 8. Clear chat 9. Delete chat 10. Block user via chat 11. Unblock user via chat	1. Text message is sent, displayed in the chat and received on 2nd device 2. Voice message is sent, displayed in the chat and received on 2nd device 3. File is sent, displayed in the chat and received on 2nd device 4. Selected images and videos sent, displayed in the chat and received on 2nd device 5. Photo/video sent, displayed in the chat and received on 2nd device 6. Selected message is deleted only on user device 7. Selected message is deleted on both devices 8. Application sends notification about successful clearing of the chat. Chat is cleared on user device 9. Chat is deleted from user chat's list 10. The user is blocked. Messages and calls from the blocked user are not delivered 11. User unblocked. Messages and calls from user are delivered again	PASSED
TC-5	Chats	Chats p2p	Create Hide chat	1. Open chat with selected user 2. Click on user's icon 3. Click on Security 4. Turn on toggle "Hide chat" 5. Enter a secret keyword 6. Check chat hiding	1. Chat with selected user is opened 2. User's profile with actions is opened 3. Security actions are opened 4. App asks for a keyword 5. Keyword displays on keyword field 6. Chat is hidden and accessible after entering keyword in the search bar	PASSED
TC-6	Chats	Hide chat	Hide chat actions	1. Send text message 2. Send voice message 3. Send file 4. Send images and videos from gallery 5. Take photo/Record video 6. Delete message locally 7. Delete message everywhere 8. Clear chat 9. Block user via chat 10. Unblock user via chat 11. Unhide chat	1. Text message is sent, displayed in the chat and received on 2nd device 2. Voice message is sent, displayed in the chat and received on 2nd device 3. File is sent, displayed in the chat and received on 2nd device 4. Selected images and videos sent, displayed in the chat and received on 2nd device 5. Photo/video sent, displayed in the chat and received on 2nd device 6. Selected message is deleted only on user device 7. Selected message is deleted on both devices 8. Application sends notification about successful clearing of the chat. Chat is cleared on user device 9. The user is blocked. Messages and calls from the blocked user are not delivered 10. User unblocked. Messages and calls from user are delivered again 11. Chat is unhided and located on the chat's list	PASSED
TC-7	Chats	Group chats	Create group chat	1. Click "New Chat" in the chats section 2. Click "New Community" 3. Select chat members 4. Click "Next" 5. Enter Topic 6. Click "Done"	1.The action section for chats has opened 2. The ringl contact list has opened 3. Selected contacts are marked with a green checkmark 4. Settings for creating a group chat have opened 5. Topic is displayed on topic field. "Done" button is activated 6. A group chat has been created with selected contacts	PASSED

				Steps	Expected Result	
TC-8	Chats	Group chats	Group chat actions	1. Add members to group chat 2. Send text message 3. Send voice message 4. Send file 5. Send images and videos from gallery 6. Take photo/Record video 7. Delete message locally 8. Delete message everywhere 9. Hide group chat 10. Unhide group chat 11. Delete member 12. Ban & Kick member 13. Unban member 14. Leave group chat 15. Delete group chat	1. Selected member are added to group chat 2. Text message is sent, displayed in the chat and received on all devices 3. Voice message is sent, displayed in the chat and received on all devices 4. File is sent, displayed in the chat and received on all devices 5. Selected images and videos sent, displayed in the chat and received on all devices 6. Photo/video sent, displayed in the chat and received on all devices 7. Selected message is deleted only on user device 8. Selected message is deleted on all member's devices 9. Group chat was hiden and accessible after entering keyword in the search bar 10. Group chat is unhided and located on the chat's list 11. Member has been deleted. Messages from deleted member aren't delivered 12. Member is banned and kicked from the chat 13. Member is unbanned 14. User can't send messages or view attachments of this group 15. Group chat is deleted from user chat's list	PASSED
TC-9	Chats	Secure group	Create secure group	1. Click "New Chat" in the chats section 2. Click "New Secure Group" 3. Select contacts 4. Enter Topic 5. Click "Done"	1.The action section for chats has opened 2. The ringl contact list and entering topic field has opened 3. Selected contacts are marked with checkmark 4. "Done" button is activated 5. A secure group has been created with selected contacts and marked as secure in chat's list	PASSED
TC-10	Chats	Secure group	Secure group actions	1. Add members to secure group 2. Send text message 3. Send voice message 4. Send file 5. Send images and videos from gallery 6. Take photo/Record video 7. Delete message locally 8. Delete message everywhere 9. Block member 10. Unblock member 11. Clear chat 12. Hide secure group 13. Unhide secure group 14. Leave secure group 15. Delete secure group	1. Selected member are added to secure group 2. Text message is sent, displayed in the chat and received on all devices 3. Voice message is sent, displayed in the chat and received on all devices 4. File is sent, displayed in the chat and received on all devices 5. Selected images and videos sent, displayed in the chat and received on all devices 6. Photo/video sent, displayed in the chat and received on all devices 7. Selected message is deleted only on user device 8. Selected message is deleted on all member's devices 9. Member is blocked 10. Member is unblocked 11. Application sends notification about successful clearing of the chat. Chat is cleared on user device 12. Secure group was hiden and accessible after entering keyword in the search bar 13. Chat is unhided and located on the chat's list 14. User can't send messages or view attachments of this group 15. Secure group is deleted from user chat's list	PASSED
TC-11	Chats	Channel	Create new channel	1. Click "New Chat" in the chats section 2. Click "New Channel" 3. Select Subscribers 4. Click "Next" 5. Enter topic 6. Enter channel id 7. Click "Done"	1.The action section for chats has opened 2. The ringl contact list has opened 3. Selected contacts are marked with checkmark 4. Settings for creating channel opened 5. Topic is displayed on topic field 6. Id is displayed on id field. "Done" button is activated 7. Channel created with selected subscribers	PASSED

				Steps	Expected Result	Status
TC-12	Chats	Channel	Channel actions	1. Add members to channel 2. Send text message 3. Send voice message 4. Send file 5. Send images and videos from gallery 6. Take photo/Record video 7. Add poll 8. Delete message locally 9. Delete message everywhere 10. Delete member 11. Ban & Kick member 12. Unban member 13. Hide channel 14. Unhide channel 15. Leave channel 16. Delete channel	1. Selected member are added to channel 2. Text message is sent, displayed in the channel and received on all devices. Subscribers can leave a comment 3. Voice message is sent, displayed in the channel and received on all devices. Subscribers can leave a comment 4. File is sent, displayed in the channel and received on all devices. Subscribers can leave a comment 5. Selected images and videos sent, displayed in the channel and received on all devices. Subscribers can leave a comment 6. Photo/video sent, displayed in the channel and received on all devices. Subscribers can leave a comment 7. Poll is added to channel.Subscribers can vote 8. Selected message is deleted only on user device 9. Selected message is deleted on all subscriber's devices 10. Member has been deleted. Messages from deleted member aren't delivered 11. Member is banned and kicked, can't send messages, leave comments, vote or view attachments of this channel 12. Member is unbanned, can send messages, vote,leave comments and view attachments of channel 13. Channel was hiden and accessible after entering keyword in the search bar 14. Channel is unhided and located on the chat's list 15. User can't send messages, leave comments, vote or view attachments of this channel 16. Channel is deleted from user chat's list	PASSED
TC-13	Calls	Calls p2p	Call p2p actions	1. Outgoing call 2. Incoming call 3. Turn on speakerphone 4. Turn out speakerphone 5. Mute microphone 6. Turn on microphone 7. End call	1. Outgoing call screen is opened. On 2nd device pop-up of incoming call with pick up/reset buttons pops up 2. Pop-up of incoming call with pick up/reset buttons pops up 3. Call is switched to speakerphone. Sound is heard through the microphone 4. Call is switched to normal. Sound is heard through the speaker 5. Sounds from user on 2nd device is mute 6. Sounds from user on 2nd device is on 7. The call is completed for both users	PASSED
TC-14	Calls	Videocalls	Videocall actions	**Preconditions:** Voice call made and switched to videocall **Steps:** 1. Mute microphone 2. Turn on microphone 3. Switch call to main camera 4. Swich call to front camera 5. Turn off camera 6. End call	1. Sounds from user on 2nd device is mute 2. Sounds from user on 2nd device is on 3. Call switched from front to main camera 4. Call switched from main to front camera 5. Camera turns off. Videocall switched to voice call 6. The call is completed for both users	PASSED
TC-15	Calls	Group calls	Group call actions	**Preconditions:** Voice call made **Steps:** 1. Add member to call 2. Join to incoming group call 3. Turn on speakerphone 4. Turn out speakerphone 5. Mute microphone 6. Turn on microphone 7. End group call	1. Member is added to group call. All call member can hear each other 2. User joined to group call. All call member can hear each other 3. Call is switched to speakerphone. Sound is heard through the microphone 4. Call is switched to normal. Sound is heard through the speaker 5. Sounds from user on all devices is mute 6. Sounds from user on all devices is on 7. The call is completed for user	PASSED
TC-16	Calls	Videoconferences	Videoconference actions	**Preconditions:** Voice group call made. Camera on user device is on **Steps:** 1. Add member videoconference 2. Join to incoming videoconference 3. Mute microphone 4. Turn on microphone 5. Switch call to main camera 6. Swich call to front camera 7. Turn off camera 8. End videoconference	1. Member is added to videoconference. All call members can hear and see each other 2. User joined to videoconference. All call members can hear and see each other 3. Sounds from user on all devices is mute 4. Sounds from user on all devices is on 5. Call switched from front to main camera 6. Call switched from main to front camera 7. Camera turns off. On call screen displayed only user's avatar 8. Videoconference completed for user	PASSED