

# ProChat Acceptance Tests

Requirement / Feature	Acceptance Criteria	Category	Result
User authentication	Users can authenticate successfully using valid credentials	Functional	<b>Passed ✓</b> Users are able to authenticate successfully with valid credentials.
Invalid login	Invalid login attempts display a clear error message	Functional	<b>Passed ✓</b> The client displays clear error messages when an invalid login attempt occurs.
Account management	Users can update their account information	Functional	<b>Passed ✓</b> Users are able to update their account information and profile picture.
Contacts	Users are able to add other users as contacts	Functional	<b>Passed ✓</b> Users are able to add new contacts.
Send messages	Users can send messages	Functional	<b>Passed ✓</b> Users can send messages to contacts and group chats.
Send messages validation	The system prevents users from sending empty messages	Functional	<b>Failed ✗</b> Users can send empty messages
Receive messages	Users can receive messages	Functional	<b>Passed ✓</b> Users can receive messages from their contacts or group chats.

Message order	Messages appear in chronological order	Functional	<b>Passed ✓</b>  Messages appear in chronological order, with timestamps showing when each was sent.
Chat history	Chat history loads when the user opens a conversation	Functional	<b>Passed ✓</b>  Chat history loads when a user opens a conversation.
Manage messages/contacts	Users can manage sent messages and added contacts	Functional	<b>Passed ✓</b>  Users can edit and delete their own messages and manage their saved contacts.
Error handling	When an exception occurs, the system provides descriptive and actionable error messages	Functional	<b>Passed ✓</b>  The client has clear and descriptive pop-up messages when errors occur.
Logout	Users can logout, and the session is securely terminated	Functional	<b>Passed ✓</b>  Users are able to logout securely with their token expiring.
Interface navigation	The chat interface is intuitive and easy to navigate without prior knowledge	Usability	<b>Passed ✓</b>  The UI is pretty simple and straightforward for users to navigate without prior knowledge
UI clarity	All buttons, icons, and labels are clear and consistent	Usability	<b>Passed ✓</b>  Labels are easy to understand and styling is consistent.

Scrolling	Scrolling within the chat window is smooth and responsive	Usability	<b>Failed</b>
Language support	Language changes occur seamlessly, without disrupting ongoing tasks	Usability	<b>Passed</b>
Layout responsiveness	Layout adapts smoothly to different window sizes	Usability	<b>Passed</b>
Task efficiency	Users can complete common tasks in under a reasonable time threshold	Usability	<b>Passed</b> Users were able to complete common tasks within the expected time threshold.
Concurrent users	The system handles a number of concurrent users without slowing or freezing	Performance	<b>Could not test</b>
Chat history performance	Chat history loads within an acceptable time frame	Performance	<b>Failed</b> Load times suffer with longer chat histories.
Message responsiveness	The application remains responsive during rapid message sending or receiving	Performance	<b>Failed</b> The client became unresponsive during testing.
Stability under input	The application remains responsive and stable, even under rapid or repeated user inputs	Performance	<b>Passed</b> The client had no negative effects with rapid inputs.

