

Test Documentation

1. User Acceptance Test

* UAT test will be completed by UAT test team and Product owner before releasing the final version of the product.

Test scenario 1	
User Story	As a user, I want to have the ability a register my details in the application so that I can login to the application.
Acceptance Criteria	Given a user provides registration details, When they click the create account button, Then they will have an account created and can login to the application.
Critical	Yes
Test result	Await result
Comments	Will not release until requirement has been met

Test scenario 2	
User Story	As a user, I want the ability to make groups so that I can invite other users to engage in group conversations.
Acceptance Criteria	Given a user inputs a group name, public status and other details, When they click the "create group" button, Then the group is created and they can access it as an admin and invite other users or otherwise manage the group.
Critical	Yes
Test result	Await result
Comments	Will not release until requirement has been met

Test scenario 3	
User Story	As a user, I want access to a dashboard so that I can edit my profile and avatar.
Acceptance Criteria	Given a user accesses the account management dashboard, When they click 'edit' button, Then they can input new profile details and update their avatar.
Critical	Yes
Test result	Await result
Comments	Will not release until requirement has been met

Test scenario 4	
User Story	As a group admin, I want to be able to create different channels for the group so that conversations can be categorised and group members can be limited for each channel.
Acceptance Criteria	Given a group admin, When they click the 'create channel' button, Then a new channel will be created and users can be managed separately for that channel.
Critical	Yes
Test result	Await result
Comments	Will not release until requirement has been met

2. Playwright test

- Screenshot shows all tests are passed (on GitHub)

Q	All 65	Passed 65	Failed 0	Flaky 0	Skipped 0
test.list.ts					4.4m
✓ Test Register Page › Use Register Form - Success — register.spec.ts:9	chromium	8.3s			
✓ Test Login Page › Browse to Login Page — login.spec.ts:9	chromium	667ms			
✓ Test Register Page › Use Register Form - Success — register.spec.ts:9	firefox	9.8s			
✓ Test Login Page › Browse to Login Page — login.spec.ts:9	firefox	797ms			
✓ Test Register Page › Use Register Form - Success — register.spec.ts:9	webkit	13.1s			
✓ Test Login Page › Browse to Login Page — login.spec.ts:9	webkit	1.1s			
✓ Test Register Page › Use Register Form - Success — register.spec.ts:9	Microsoft Edge	7.8s			
✓ Test Login Page › Browse to Login Page — login.spec.ts:9	Microsoft Edge	696ms			
✓ Test Register Page › Use Register Form - Success — register.spec.ts:9	Google Chrome	8.0s			
✓ Test Login Page › Browse to Login Page — login.spec.ts:9	Google Chrome	623ms			
✓ Test Chat Page › Browse to Add Group Page — chat.spec.ts:13	chromium	2.1s			
✓ Test Chat Page › Browse to Add Group Page — chat.spec.ts:13	firefox	3.2s			
✓ Test Chat Page › Browse to Add Group Page — chat.spec.ts:13	webkit	4.9s			
✓ Test Chat Page › Browse to Add Group Page — chat.spec.ts:13	Microsoft Edge	2.4s			
✓ Test Chat Page › Browse to Add Group Page — chat.spec.ts:13	Google Chrome	2.4s			
✓ Test Login Page › Use Login Form - Success — login.spec.ts:14	chromium	2.8s			
✓ Test Login Page › Use Login Form - Success — login.spec.ts:14	firefox	3.2s			
✓ Test Login Page › Use Login Form - Success — login.spec.ts:14	webkit	4.5s			
✓ Test Login Page › Use Login Form - Success — login.spec.ts:14	Microsoft Edge	2.9s			
✓ Test Login Page › Use Login Form - Success — login.spec.ts:14	Google Chrome	2.8s			
✓ Test Chat Page › Add Group — chat.spec.ts:22	chromium	5.0s			
✓ Test Chat Page › Add Group — chat.spec.ts:22	firefox	5.0s			
✓ Test Chat Page › Add Group — chat.spec.ts:22	webkit	7.3s			
✓ Test Chat Page › Add Group — chat.spec.ts:22	Microsoft Edge	4.4s			
✓ Test Chat Page › Add Group — chat.spec.ts:22	Google Chrome	4.3s			

- **Use case 1**

User able to click "create account button" to browse to register form

Test result - Pass

Test Login Page

Browse to Register Form

login.spec.ts:46

chromium

✓ Run

Test Steps	
> ✓ Before Hooks	371ms
> ✓ locator.click(a:has-text("Create Account")) — login.spec.ts:48	58ms
> ✓ expect.toHaveText — login.spec.ts:51	6ms
> ✓ After Hooks	53ms

- **Use case 2**

User able to register new user with valid information

Test result - Pass

Test Register Page

Use Register Form - Success

register.spec.ts:9

chromium

✓ Run

Test Steps	
> ✓ Before Hooks	612ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=0) — register.spec.ts:11	38ms
> ✓ expect.toHaveValue — register.spec.ts:12	15ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=1) — register.spec.ts:15	27ms
> ✓ expect.toHaveValue — register.spec.ts:16	9ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=2) — register.spec.ts:19	12ms
> ✓ expect.toHaveValue — register.spec.ts:20	5ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=3) — register.spec.ts:23	11ms
> ✓ expect.toHaveValue — register.spec.ts:24	6ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=4) — register.spec.ts:27	18ms
> ✓ expect.toHaveValue — register.spec.ts:28	6ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=5) — register.spec.ts:31	36ms
> ✓ expect.toHaveValue — register.spec.ts:32	7ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=6) — register.spec.ts:35	28ms
> ✓ expect.toHaveValue — register.spec.ts:36	13ms
> ✓ locator.click(button.mdc-button) — register.spec.ts:40	47ms
> ✓ page.waitForResponse — register.spec.ts:41	1.2s
> ✓ page.evaluate — register.spec.ts:44	5.0s
> ✓ expect.toHaveText — register.spec.ts:49	10ms
> ✓ After Hooks	566ms

- **Use case 3**
User enter invalid email address and shows error messages
Test result - Pass
- **Use case 4**
User enter invalid date of birth and shows error messages
Test result - Pass
- **Use case 5**
User enter invalid username and shows error messages
Test result - Pass

Use Register Form - Invalid Data

register.spec.ts:52

chromium

✓ Run

Test Steps	
> ✓ Before Hooks	538ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=0) — register.spec.ts:57	21ms
> ✓ expect.toHaveValue — register.spec.ts:58	5ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=1) — register.spec.ts:61	20ms
> ✓ expect.toHaveValue — register.spec.ts:62	5ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=2) — register.spec.ts:65	12ms
> ✓ expect.toHaveValue — register.spec.ts:66	8ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=3) — register.spec.ts:69	11ms
> ✓ expect.toHaveValue — register.spec.ts:70	7ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=4) — register.spec.ts:73	20ms
> ✓ expect.toHaveValue — register.spec.ts:74	5ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=5) — register.spec.ts:77	26ms
> ✓ expect.toHaveValue — register.spec.ts:78	8ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=6) — register.spec.ts:81	16ms
> ✓ expect.toHaveValue — register.spec.ts:82	6ms
> ✓ expect.toHaveText — register.spec.ts:85	8ms
> ✓ expect.toHaveText — register.spec.ts:86	6ms
> ✓ expect.toHaveText — register.spec.ts:87	5ms
> ✓ expect.toHaveText — register.spec.ts:88	5ms
> ✓ locator.click(button.mdc-button) — register.spec.ts:91	125ms
> ✓ expect.toHaveText — register.spec.ts:95	5ms
> ✓ expect.toHaveText — register.spec.ts:98	9ms
> ✓ After Hooks	75ms

- **Use case 6**

User can browse to Login page.

Test result - Pass

Test Login Page

Browse to Login Page

login.spec.ts:9

chromium

✓ Run

▼ Test Steps

> ✓ Before Hooks	262ms
> ✓ expect.toHaveText — login.spec.ts:11	15ms
> ✓ After Hooks	55ms

- **Use case 7**

User enter valid username, password and click “login button” to move to chat page.

Test result - Pass

Test Login Page

Use Login Form - Success

login.spec.ts:14

chromium

✓ Run

▼ Test Steps

> ✓ Before Hooks	256ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=0) — login.spec.ts:16	19ms
> ✓ expect.toHaveValue — login.spec.ts:17	4ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=1) — login.spec.ts:20	25ms
> ✓ expect.toHaveValue — login.spec.ts:21	6ms
> ✓ locator.click(button.mdc-button) — login.spec.ts:24	46ms
> ✓ expect.toHaveText — login.spec.ts:27	1.9s
> ✓ After Hooks	181ms

- **Use case 8**

User enter invalid username, password and click “login button” to get an error
Test result - Pass

Test Login Page

Use Login Form - Invalid Data

login.spec.ts:30

chromium

✓ Run

Test Steps

> ✓ Before Hooks	301ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=0) — login.spec.ts:32	19ms
> ✓ expect.toHaveValue — login.spec.ts:33	6ms
> ✓ locator.fill(input.mdc-text-field__input >> nth=1) — login.spec.ts:36	23ms
> ✓ expect.toHaveValue — login.spec.ts:37	15ms
> ✓ locator.click(button.mdc-button) — login.spec.ts:41	41ms
> ✓ page.waitForResponse — login.spec.ts:42	1.3s
> ✓ After Hooks	277ms

- **Use case 9**

User able to click “+ button” to browse to add group page
Test result - Pass

Test Chat Page

Browse to Add Group Page

chat.spec.ts:13

chromium

✓ Run

Test Steps

> ✓ Before Hooks	332ms
> ✓ locator.click(#add-group) — chat.spec.ts:15	1.4s
> ✓ expect.toHaveText — chat.spec.ts:19	10ms
> ✓ After Hooks	235ms

- **Use case 10**
User able to add a group.
Test result - Pass

Test Chat Page

Add Group

chat.spec.ts:22

chromium

✓ Run

Test Steps

> ✓ Before Hooks	326ms
> ✓ locator.click(#add-group) — chat.spec.ts:26	1.4s
> ✓ expect.toHaveText — chat.spec.ts:29	10ms
> ✓ locator.fill(#chat-panel input.mdc-text-field__input >> nth=0) — chat.spec.ts:38	17ms
> ✓ expect.toHaveValue — chat.spec.ts:39	4ms
> ✓ locator.click(#chat-panel button.mdc-button:has-text("Create")) — chat.spec.ts:42	48ms
> ✓ expect.toHaveText — chat.spec.ts:46	3.9s
> ✓ After Hooks	436ms

- **Use case 11**
User able to click a group icon and look at the lists of channel.
Test result - Pass

Test Chat Page

Browse to Group Page

chat.spec.ts:49

chromium

✓ Run

Test Steps

> ✓ Before Hooks	373ms
> ✓ locator.click(//div[contains(@class, "1653180985544-test-group")]) — chat.spec.ts:52	2.5s
> ✓ expect.toContainText — chat.spec.ts:55	6ms
> ✓ After Hooks	263ms

- **Use case 12**

User able to click the cog icon next to the group name to enter the group setting page.

Test result - Pass

Test Chat Page

Browse to Group Settings Page

chat.spec.ts:58

chromium

✓ Run

▼ Test Steps

> ✓ Before Hooks	383ms
> ✓ locator.click(//div[contains(@class, "1653180985544-test-group")]) — chat.spec.ts:61	3.3s
> ✓ expect.toContainText — chat.spec.ts:64	9ms
> ✓ locator.click(button:has-text("settings")) — chat.spec.ts:67	50ms
> ✓ expect.toContainText — chat.spec.ts:70	6ms
> ✓ After Hooks	353ms

- **Use case 13**

User able to click the cog icon next to the group name to add a new channel

Test result - Pass

Test Chat Page

Add new channel

chat.spec.ts:73

chromium

✓ Run

▼ Test Steps

> ✓ Before Hooks	336ms
> ✓ locator.click(//div[contains(@class, "1653209740477-test-group")]) — chat.spec.ts:76	2.9s
> ✓ expect.toContainText — chat.spec.ts:79	17ms
> ✓ locator.click(button:has-text("settings")) — chat.spec.ts:82	46ms
> ✓ expect.toContainText — chat.spec.ts:85	6ms
> ✓ locator.click(#chat-panel button:has-text("CREATE NEW CHANNEL")) — chat.spec.ts:88	41ms
> ✓ locator.fill(#chat-panel input.mdc-text-field__input >> nth=0) — chat.spec.ts:90	14ms
> ✓ expect.toHaveValue — chat.spec.ts:91	6ms
> ✓ locator.click(#chat-panel button.mdc-button:has-text("CREATE")) — chat.spec.ts:94	42ms
> ✓ After Hooks	257ms

- **Use case 14**

User able to click the cog icon next to the group name to invite new members

Test result - Pass

Test Chat Page

Invite new member

chat.spec.ts:97

chromium

✓ Run

Test Steps	
> ✓ Before Hooks	390ms
> ✓ locator.click(//div[contains(@class, "1653209740477-test-group")]) — chat.spec.ts:100	3.1s
> ✓ expect.toContainText — chat.spec.ts:103	8ms
> ✓ locator.click(button:has-text("settings")) — chat.spec.ts:106	43ms
> ✓ expect.toContainText — chat.spec.ts:109	5ms
> ✓ locator.click(#chat-panel button:has-text("INVITE NEW MEMBERS")) — chat.spec.ts:112	58ms
> ✓ locator.fill(#chat-panel input.mdc-text-field__input >> nth=0) — chat.spec.ts:115	16ms
> ✓ expect.toHaveValue — chat.spec.ts:116	6ms
> ✓ locator.fill(#chat-panel input.mdc-text-field__input >> nth=1) — chat.spec.ts:118	15ms
> ✓ expect.toHaveValue — chat.spec.ts:119	5ms
> ✓ locator.fill(#chat-panel input.mdc-text-field__input >> nth=2) — chat.spec.ts:121	11ms
> ✓ expect.toHaveValue — chat.spec.ts:122	6ms
> ✓ locator.click(#chat-panel button:has-text("INVITE NEW MEMBER")) — chat.spec.ts:125	45ms
> ✓ expect.toHaveText — chat.spec.ts:127	3.9s
> ✓ After Hooks	131ms

- **Use case 15**

User able to click the cog icon next to the group name to delete a group

Test result - Pass

Test Chat Page

Delete group

chat.spec.ts:130

chromium

✓ Run

Test Steps	
> ✓ Before Hooks	329ms
> ✓ locator.click(//div[contains(@class, "1653210033781-test-group")]) — chat.spec.ts:133	2.6s
> ✓ expect.toContainText — chat.spec.ts:136	10ms
> ✓ locator.click(button:has-text("settings")) — chat.spec.ts:139	49ms
> ✓ expect.toContainText — chat.spec.ts:142	9ms
> ✓ locator.click(#chat-panel button:has-text("DELETE GROUP")) — chat.spec.ts:145	50ms
> ✓ expect.toHaveText — chat.spec.ts:147	8ms
> ✓ locator.click(#chat-panel button:has-text("DELETE GROUP")) — chat.spec.ts:150	40ms
> ✓ expect.toHaveText — chat.spec.ts:152	6ms
> ✓ After Hooks	188ms