**ASTANA IT UNIVERSITY**

**SOFTWARE QUALITY ASSURANCE**

**TEST CASES FOR CHAT APP TESTING**

**Project Name:** Chat App Testing

**Test Case ID:** CAT-001

**Version:** 1.0

**Date Prepared:** 12.06.2023

**Last Updated By:**  Beibaryssultan Aitbay

**Last Updated Date:** 14.06.2023

**Test Environment:** Android Studio, Appium, WebdriverIO

**Testing Approach:** Automated testing

**Test Coverage:** Accessibility, Account, Security, Service

**Prepared By:** Aruzhan Amangeldi, Beibaryssultan Aitbay

**Reviewed By:** Tleubayeva A.O.

**Link from Roadmap:** [link](https://alie164.atlassian.net/jira/software/c/projects/CAT/boards/5/roadmap?shared=&atlOrigin=eyJpIjoiNTlkODBkMzZhY2QxNDM4ODlkYzRkZTM3MDdmNzRjNmQiLCJwIjoiaiJ9)

**Link to the Github repository:** [link](https://github.com/whyne164/chatapp_sqa)

**Astana, 2023**

**Test Case ID: CAT-001**

**Test Case Description: User login with provided account**

**Test Objective: To check the correctness of provided account**

**Test Steps:**

1. Open the app
2. Choose the user account for login
3. Get the success notification

**Expected Results: login with provided account is successful**

**Test Data:**

const element = $('android= new UiSelector().text("SUPERHERO1")');

element.click();

**Test Environment: Appium + WebdriverIO**

**Test Priority: High**

**Test Status: Pass**

**Test Notes: None**

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**Test Case: CAT-3**

**Test Case Description: User login with UID**

**Test Objective: to verify existing User with UID**

**The Steps:**

1. Open the App
2. Navigate to login button
3. Input valid data
4. Login successfully

**Expected Results: Login a user with correct UID is successful**

**Test Data:**

const loginButton = $('android= new UiSelector().text("Login using UID")');

loginButton.click();

const uidInputField = $('android= new UiSelector().text("Enter UID")');

uidInputField.setValue('1234');

const signInButton = $('android= new UiSelector().text("Sign In")');

signInButton.click();

**Test Environment: Appium + WebdriverIO**

**Test Priority: High**

**Test Status: Pass**

**Test Notes: None**

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**Test Case: CAT-4**

**Test Case Description: checking Card Component**

**Test Objective: to verify each card is loading a page**

**The Steps:**

1. Open the App
2. Navigate to login button
3. Input valid data
4. Login successfully
5. Click on each ui component
6. Click on return button
7. Repeat the step 5, 6 until it is done

**Expected Results: Each Card loaded successfully**

**Test Data:**

const cardViews = $$('android=new UiSelector().className("androidx.cardview.widget.CardView")');

for (const cardView of cardViews) {

cardView.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

}

**Test Environment: Appium + WebdriverIO**

**Test Priority: High**

**Test Status: Pass**

**Test Notes: None**

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**Test Case: CAT-5**

**Test Case Description: checking Conversation component**

**Test Objective: To verify each card of Conversation loads successfully**

**The Steps:**

1. Open the App
2. Navigate to login button
3. Input valid data
4. Login successfully
5. Click on each Conversation component
6. Click on each Card
7. Click on return button
8. Repeat the step 6, 7 until it is done

**Expected Results: Each Card of Conversation component loaded successfully**

**Test Data:**

const packageElement = $('android= new UiSelector().text("Conversations With Messages")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Conversations")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

**Test Environment: Appium + WebdriverIO**

**Test Priority: High**

**Test Status: Pass**

**Test Notes: None**

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**Test Case: CAT-6**

**Test Case Description: checking Messages component**

**Test Objective: To verify each card of Messages loads successfully**

**The Steps:**

1. Open the App
2. Navigate to login button
3. Input valid data
4. Login successfully
5. Click on each Messages component
6. Click on each Card
7. Click on return button
8. Repeat the step 6, 7 until it is done

**Expected Results: Each Card of Messages component loaded successfully**

**Test Data:**

const packageElement = $('android= new UiSelector().text("Messages")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Messages")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Message Header")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Message List")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Message Composer")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

**Test Environment: Appium + WebdriverIO**

**Test Priority: High**

**Test Status: Pass**

**Test Notes: None**

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**Test Case: CAT-7**

**Test Case Description: checking Users component**

**Test Objective: To verify each card of Users loads successfully**

**The Steps:**

1. Open the App
2. Navigate to login button
3. Input valid data
4. Login successfully
5. Click on each Users component
6. Click on each Card
7. Click on return button
8. Repeat the step 6, 7 until it is done

**Expected Results: Each Card of Users component loaded successfully**

**Test Data:**

const packageElement = $('android= new UiSelector().text("Users")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Users with Messages")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Users")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Details")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

**Test Environment: Appium + WebdriverIO**

**Test Priority: High**

**Test Status: Pass**

**Test Notes: None**

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**Test Case: CAT-8**

**Test Case Description: checking Groups component**

**Test Objective: To verify each card of Groups loads successfully**

**The Steps:**

1. Login successfully
2. Click on each Groups component
3. Click on each Card
4. Click on return button
5. Repeat the step 3, 4 until it is done

**Expected Results: Each Card of Groups component loaded successfully**

**Test Data:**

const packageElement = $('android= new UiSelector().text("Groups")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Groups with Messages")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Create Group")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Join Protected Group")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Group Members")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Add Members")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Transfer Ownership")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Bannes Members")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Details")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

**Test Environment: Appium + WebdriverIO**

**Test Priority: High**

**Test Status: Pass**

**Test Notes: None**

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**Test Case: CAT-9**

**Test Case Description: checking Calls component**

**Test Objective: To verify each card of Calls loads successfully**

**The Steps:**

1. Open the App
2. Navigate to login button
3. Input valid data
4. Login successfully
5. Click on each Calls component
6. Click on each Card
7. Click on return button
8. Repeat the step 6, 7 until it is done

**Expected Results: Each Card of Calls component loaded successfully**

**Test Data:**

const packageElement = $('android= new UiSelector().text("Calls")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Call button")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

**Test Environment: Appium + WebdriverIO**

**Test Priority: High**

**Test Status: Pass with restrictions**

**Test Notes: None**

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**Test Case: CAT-10**

**Test Case Description: checking Shared component**

**Test Objective: To verify each card of Shared loads successfully**

**The Steps:**

1. Open the App
2. Navigate to login button
3. Input valid data
4. Login successfully
5. Click on each Shared component
6. Click on return button
7. Repeat the step 5, 6 until it is done

**Expected Results: Each Card of Shared component loaded successfully**

**Test Data:**

const packageElement = $('android= new UiSelector().text("Shared")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Sound Manager")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Theme")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

const packageElement = $('android= new UiSelector().text("Localize")');

packageElement.click();

const backButton = $(`~com.cometchat.javasampleapp:id/backIcon`);

backButton.click();

**Test Environment: Appium + WebdriverIO**

**Test Priority: High**

**Test Status: Pass**

**Test Notes: None**

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**Test Case: CAT-11**

**Test Case Description: checking Logout button**

**Test Objective: To verify login page loaded without access to main page**

**The Steps:**

1. Open the App
2. Login successfully
3. Click on logout button
4. Logout successfully

**Expected Results: Login page is loaded successfully**

**Test Data:**

const logoutButton = $(`~com.cometchat.javasampleapp:id/logout`);

logoutButton.click();

const mainPageElement = $('android= new UiSelector().package("com.cometchat.javasampleapp").className("android.widget.TextView")');

mainPageElement.waitForDisplayed();

expect(mainPageElement.isDisplayed()).toBeTruthy();

**Test Environment: Appium + WebdriverIO**

**Test Priority: High**

**Test Status: Pass**

**Test Notes: None**

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**Test Case: CAT-12**

**Test Case Description: No Internet error handling**

**Test Objective: To verify that error notification will appear**

**The Steps:**

1. Open the App
2. Login successfully
3. Turn off the Wi-Fi
4. Get the notification

**Expected Results: Notification will appear**

**Test Environment: Appium + WebdriverIO**

**Test Priority: High**

**Test Status: Pass**

**Test Notes: None**

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**Test Case: CAT-13**

**Test Case Description: Checking adaptive design**

**Test Objective: To verify design will be ok in different devices**

**The Steps:**

1. Open the App in mobile emulator
2. Open the App in tablet emulator
3. Open the App in desktop emulator

**Expected Results: Design is adaptive**

**Test Environment: Appium + WebdriverIO**

**Test Priority: High**

**Test Status: Pass**

**Test Notes: None**