

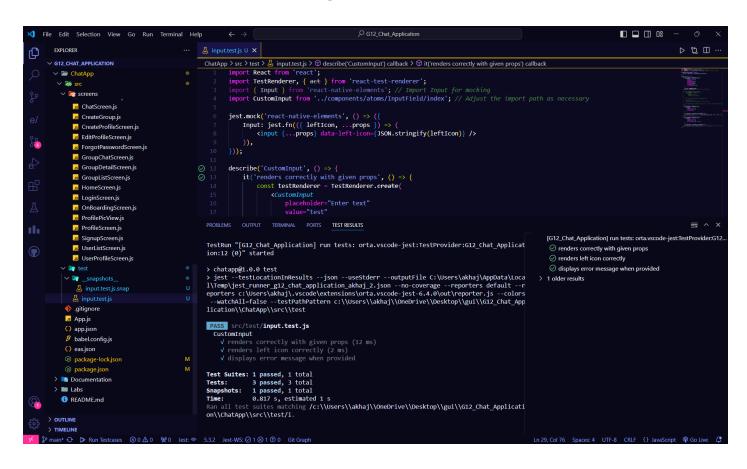
IT-314 : Software Engineering GUI Testing

Group: 12

CHAT APPLICATION

Outputs Of GUI Test Suites:

Test Suite 1: for reusable input Field



Test Suite 2 : for message Bubble

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▼ File Edit Selection View Go Run Terminal Help
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              EXPLORER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ▷ th Ш …
                                                                                                                                      ChatApp > src > test > 🚵 messageBubble.test.js > 😚 describe('MessageBubble Component') callback > 😚 it('does not highlight text when searchQuery does not match') callback > 😥 itestRendere

✓ G12_CHAT_APPLICATION

                                                                                                                                                         describe('MessageBubble Component', () => {
  it('renders correctly with given props', () => {
    const testRenderer = TestRenderer.create(
    message= Helio World
                 message= HeIIO wor
isOutgoing={true}
status="sent"
searchQuery=""
                                Js ChatScreen.js
                                s CreateGroup.js
                                JS CreateProfileScreen.js
                                JS EditProfileScreen.js
b
                                  JS ForgotPasswordScreen.js
                                  JS GroupChatScreen.js
                                                                                                                                                                      const json = testRenderer.toJSON();
                                                                                                                                                                    expect(json).toMatchSnapshot(); // Snapshot test to check rendering
                                  JS GroupDetailScreen.js
                                  JS LoginScreen.js
                                                                                                                                                                   const testRenderer = TestRenderer.create(
                                 JS OnBoardingScreen.js
                                                                                                                                                                         <MessageBubble
                                                                                                                                                                    message="Hello World"
isOutgoing=[[true]]
                                 JS ProfilePicView.js
                                Js ProfileScreen.is
                                 JS SignupScreen.js
                                                                                                                                       PROBLEMS OUTPUT TERMINAL PORTS TEST RESULTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ■ ^ ×
                                 JS UserListScreen.js
                                                                                                                                     > jest --testLocationInResults --json --useStderr --outputFile C:\Users\akhaj\AppData\Loca l\Temp\jest_runner_g12_chat_application_akhaj_2.json --no-coverage --reporters default --r eporters c:\Users\akhaj\\scode\extensions\orta.vscode-jest-6.4.0\out\reporter.js --colors --watchAll-false --testPathPattern c:\\Users\\akhaj\\oneDrive\\Desktop\\gui\\G12_Chat_App lication\\ChatApp\\src\\test
                                                                                                                                                                                                                                                                                                                                                                                                                    [G12_Chat_Application] run tests: orta.vscode-jest:TestProvider:G12
                                UserProfileScreen.js
                                                                                                                                                                                                                                                                                                                                                                                                                     orenders correctly with given props

✓ im test

                                                                                                                                                                                                                                                                                                                                                                                                                     \ensuremath{\bigcirc} does not highlight text when search
Query does not match
                                                                                                                                                                                                                                                                                                                                                                                                                     \ensuremath{\bigcirc} renders highlighted text when search
Query matches
                                                                                                                                        PASS src/test/messageBubble.test.js
MessageBubble Component
                                                                                                                                                                                                                                                                                                                                                                                                                     orenders correct styles for incoming messages
                           .gitignore.gs App.js
                                                                                                                                                  MessageBubble Component

✓ renders correctly with given props (85 ms)

✓ does not highlight text when searchQuery does not match (2 ms)

✓ renders highlighted text when searchQuery matches

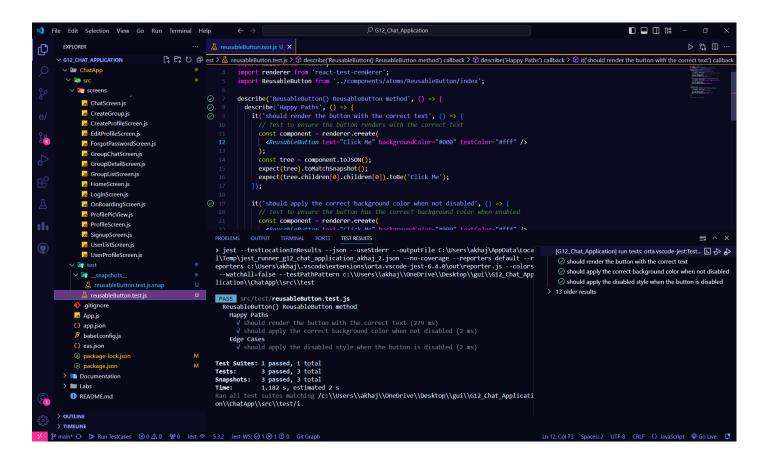
✓ renders correct styles for outgoing messages

✓ renders correct styles for outgoing messages
                                                                                                                                                                                                                                                                                                                                                                                                              > 5 older results
                           () app.json
                           B babel.config.js
                           () eas.json
                           package-lock.json
                                                                                                                                      Test Suites: 1 passed, 1 total
Tests: 5 passed, 5 total
Snapshots: 1 passed, 1 total
Time: 0.989 s, estimated 3 s
                    > Documentation

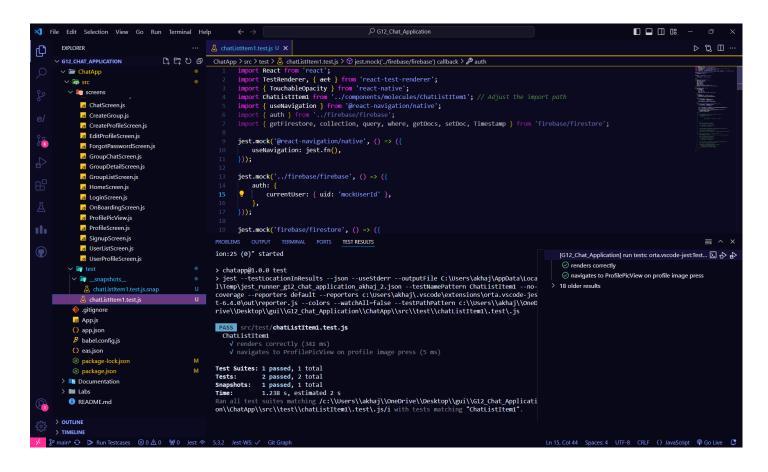
    README.md

                                                                                                                                                                                                               hing /c:\\Users\\akhaj\\OneDrive\\Desktop\\gui\\G12_Chat_Applicati
                                                                                                                                         on\\ChatApp\\src\\test/i
               OUTLINE
               > TIMELINE
          $\mathbb{P}\main* \cdot \rightarrow \mathbb{Run Testcases} \leftarrow 0 \triangle 0 \triangle 0 \rightarrow 0 \rightarrow 0 \triangle 0 \rightarrow 0 \
                                                                                                                                                                                                                                                                                                                                                                                                        Ln 24, Col 26 Spaces: 2 UTF-8 CRLF {} JavaScript @ Go Live $\mathcal{G}$
```

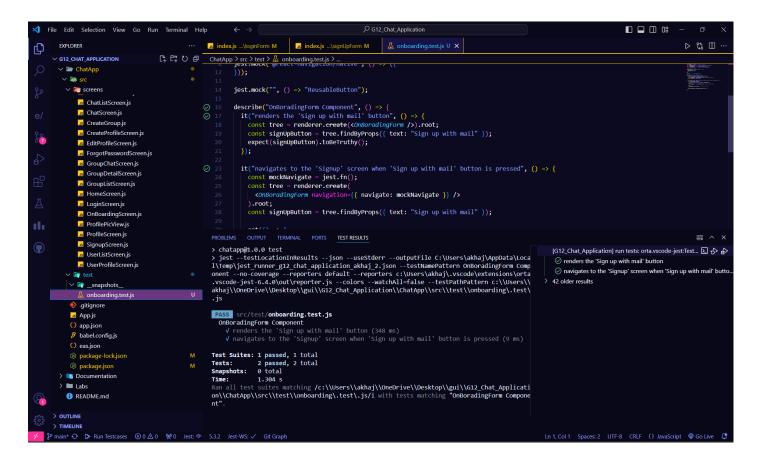
Test Suite 3: for reusable Button



Test Suite 4: for ChatListItem1 Button



Test Suite 5: for Onboarding Screen



```
PASS src/test/onboarding.test.js

OnBoradingForm Component

√ renders the 'Sign up with mail' button (348 ms)

√ navigates to the 'Signup' screen when 'Sign up with mail' button is pressed (9 ms)

Test Suites: 1 passed, 1 total

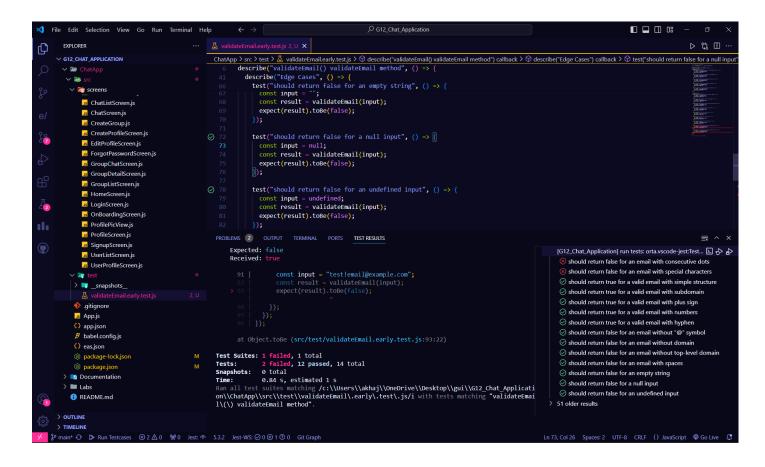
Tests: 2 passed, 2 total

Snapshots: 0 total

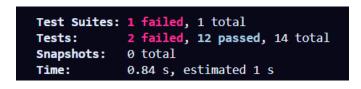
Time: 1.304 s

Ran all test suites matching /c:\\Users\\akhaj\\OneDrive\\Desktop\\gui\\G12_Chat_Application\\ChatApp\\scc\\test\\oneDrive\\Desktop\\gui\\G12_Chat_Application\\ChatApp\\scc\\test\\oneDrive\\Desktop\\gui\\G12_Chat_Application\\ChatApp\\scc\\test\\oneDrive\\Desktop\\gui\\G12_Chat_Application\\ChatApp\\scc\\test\\oneDrive\\Desktop\\gui\\G12_Chat_Application\\ChatApp\\scc\\test\\oneDrive\\Desktop\\gui\\G12_Chat_Application\\ChatApp\\scc\\test\\oneDrive\\Desktop\\gui\\G12_Chat_Application\\ChatApp\\scc\\test\\oneDrive\\Desktop\\gui\\G12_Chat_Application\\ChatApp\\Scc\\test\\oneDrive\\Desktop\\gui\\G12_Chat_Application\\ChatApp\\Scc\\test\\oneDrive\\Desktop\\gui\\G12_Chat_Application\Scc\\Test\\oneDrive\\Desktop\\gui\\G12_Chat_Application\Scc\\Test\\oneDrive\\Desktop\\gui\\G12_Chat_Application\Scc\\Test\\oneDrive\\Desktop\\gui\\G12_Chat_Application\Scc\\Test\\oneDrive\\Desktop\\gui\\G12_Chat_Application\Scc\\Test\\oneDrive\\Desktop\\gui\\G12_Chat_Application\Scc\\Test\\oneDrive\\Desktop\\gui\\G12_Chat_Application\Scc\\Test\\oneDrive\\Desktop\\G12_Chat_Application\Scc\\Test\\oneDrive\\Desktop\\G12_Chat_Application\Scc\\Test\\oneDrive\\Desktop\\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_Application\G12_Chat_App
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Test Suite 6: for Validate Email Field

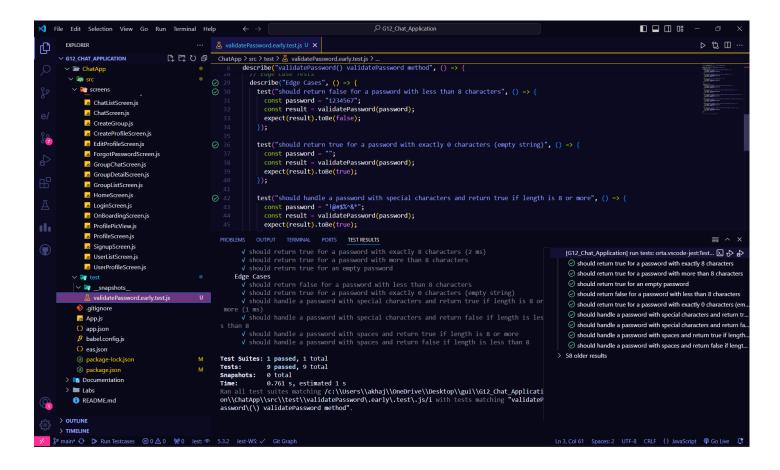


Final Output: 2 test cases failed, other passed



[G12_Chat_Application] run tests: orta.vscode-jest:Test... 🔼 🖒 🥵 Should return false for an email with consecutive dots Should return false for an email with special characters should return true for a valid email with simple structure should return true for a valid email with subdomain should return true for a valid email with plus sign should return true for a valid email with numbers should return true for a valid email with hyphen should return false for an email without "@" symbol should return false for an email without domain should return false for an email without top-level domain should return false for an email with spaces should return false for an empty string should return false for a null input should return false for an undefined input 51 older results

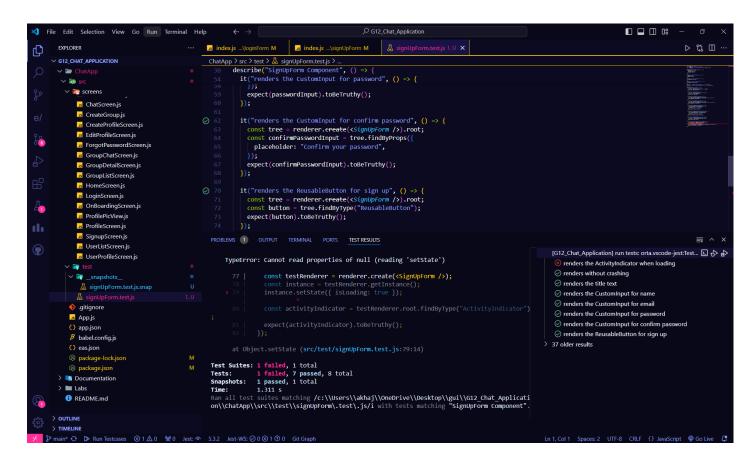
Test Suite 7: for Validate Password Field



Final Output: All test cases Passed

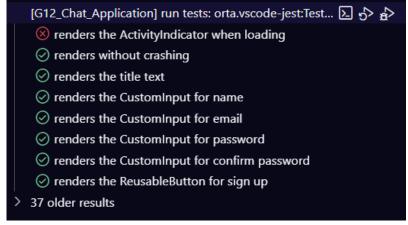


Test Suite 8 : for Sign Up Form

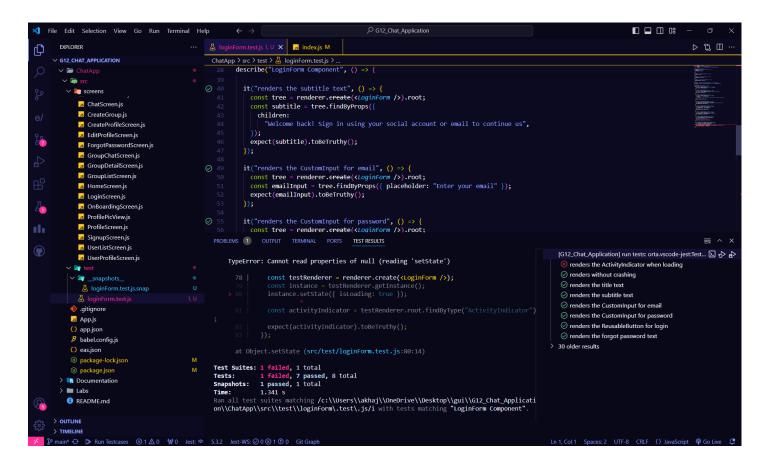


Final Output: 1 test case failed, other passed

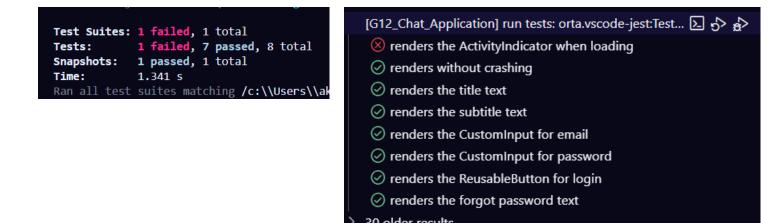




Test Suite 9: for Log In Form



Final Output: 1 test case failed, other passed



Test Suite 10 : for Forget Password

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📢 File Edit Selection View Go Run Terminal Help
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                 EXPLORER
                                                                                                                                     ChatApp > src > test > ≜ forgetPassword.test.js > .

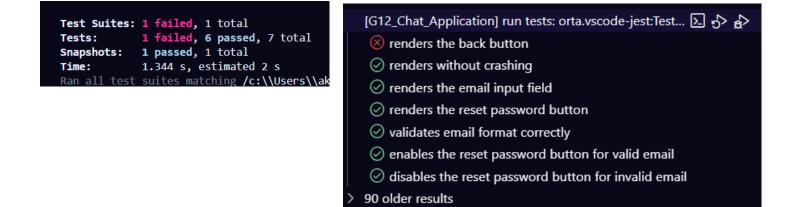
✓ G12_CHAT_APPLICATION

                                                                                                                                                           describe("ForgotPasswordForm Component", () => {

✓ ImatApp

                                                                                                                                                              it("renders the email input field", () => {
                                 Js ChatListScreen.js
                                                                                                                                                               const tree = rendere.reneate(<a href="footpass.py">footpass.py</a>
const tree = rendere.reneate(<a href="footpass.py">footpass.py</a>
const emailInput = tree.findByProps({ placeholder: "Enter your email" });
                                 ChatScreen.is
                                 S CreateGroup.is
                                                                                                                                                                     expect(emailInput).toBeTruthy();
                                 S CreateProfileScreen.js
  6
                                  EditProfileScreen.js
                                                                                                                                                              it("renders the reset password button", () => {
  const tree = renderer.ereate(*ForgotPasswordForm />).root;
  const resetButton = tree.findByType("ReusableButton");
  expect(resetButton).toBeTruthy();
                                  ForgotPasswordScreen.js
                                 GroupChatScreen.js
                                 GroupDetailScreen.js
                                 JS HomeScreen.js
4
                                                                                                                                                              it("validates email format correctly", () => {
  const tree = renderer.create(<ForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordForgotPasswordFo
                                 LoginScreen.js
                                 JS OnBoardingScreen.js
                                                                                                                                                                  const emailInput = tree.findByProps({ placeholder: "Enter your email" });
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                                 signupScreen.js
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                                                                                                                                                                                                                                                                                                                                                                                                                validates email format correctly
                           .gitignore
                                                                                                                                                                                                                                                                                                                                                                                                                 onables the reset password button for valid email
                           JS App.js
                                                                                                                                        at ReactTestInstance.findByType (node_modules/react-test-renderer/cjs/react-test-renderer.development.js:18389:12)
at Object.findByType (src/test/forgetPassword.test.js:32:29)
                                                                                                                                                                                                                                                                                                                                                                                                                 (v) disables the reset password button for invalid email
                           () app.json
                                                                                                                                                                                                                                                                                                                                                                                                            > 90 older results
                           B babel.config.js
                                                                                                                                       Test Suites: 1 failed, 1 total
Tests: 1 failed, 6 passed, 7 total
Snapshots: 1 passed, 1 total
Time: 1.344 s, estimated 2 s
Ran all test suites matching /c:\\Users\\akhaj\\oneDrive\\Desktop\\gui\\G12 Chat Applicati
                           package-lock.json
                   > Labs
                                                                                                                                       on \  \ on \ on \ or \ or getPassword . test \ is /i with Component".
                        > OUTLINE
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Final Output: 1 test case failed, other passed



All Test Suites In One Go:

