

## **Use case create new bot:**

### 1. Test case 1:

- Name: Create bot with website link
- Script:

```
WebUI.openBrowser('')

WebUI.navigateToUrl('http://localhost:3000/login')

WebUI.setText(findTestObject('Object Repository/Page_My
App/input_Email Address_w-full px-4 py-3 rounded_b2cb83'),
'alice@example.com')

WebUI.setEncryptedText(findTestObject('Object Repository/Page_My
App/input_Password_w-full px-4 py-3 rounded-lg _35cce5_1'),
'RigbBhfdqOBGN1JIWM1ClA==')

WebUI.click(findTestObject('Object Repository/Page_My
App/button_Sign In'))

WebUI.click(findTestObject('Object Repository/Page_My
App/button_Create New Bot'))

WebUI.click(findTestObject('Object Repository/Page_My
App/label_Gemini 2.5 FlashMid-size, fast, and balanced'))

WebUI.setText(findTestObject('Object Repository/Page_My
App/input_Bot Name_w-full px-4 py-3 rounded-lg _103048'), 'New
test bot 1')

WebUI.click(findTestObject('Object Repository/Page_My
App/button_Add Website LinkTrain bot with websi_c3782b'))

WebUI.setText(findTestObject('Object Repository/Page_My
App/input_Add Website Link_w-full px-4 py-3 rou_4f10b6'),
'https://en.wikipedia.org/wiki/Dog')

WebUI.click(findTestObject('Object Repository/Page_My
App/button_Create Bot'))

WebUI.click(findTestObject('Object Repository/Page_My
App/button_Save Finish'))
```

```
WebUI.verifyElementPresent(findTestObject('Object Repository/Page_My App/h3_New test bot 1'), 5)
```

```
WebUI.closeBrowser()
```

- Result: Passed

The screenshot shows the Katalon Studio interface with the 'TEST CASE' tab selected. It displays two test cases:

- Test Case 1: Create bot with website link**
  - Status: PASSED
  - Full Name: Create bot/Test Cases/Create bot/Create bot with website link
  - Start Date: 2026-01-01 16:16:44,4
  - Duration: 17.364s
  - Test Steps: 14
  - Results: 14 green, 0 red, 0 yellow, 0 blue
- Test Case 2: Create bot with uploaded file**
  - Status: PASSED
  - Full Name: Create bot/Test Cases/Create bot/Create bot with uploaded file
  - Start Date: 2026-01-01 16:17:01,8
  - Duration: 21.196s
  - Test Steps: 14
  - Results: 14 green, 0 red, 0 yellow, 0 blue

## 2. Test case 2:

- Name: Create bot with uploaded file
- Script:

```
WebUI.openBrowser('')

WebUI.navigateToUrl('http://localhost:3000/login')

WebUI.setText(findTestObject('Object Repository/Page_My App/input_Email Address_w-full px-4 py-3 rounde_b2cb83'), 'alice@example.com')

WebUI.setEncryptedText(findTestObject('Object Repository/Page_My App/input_Password_w-full px-4 py-3 rounded-lg _35cce5_1'), 'RigBhfdqOBGNlJIWM1ClA==')

WebUI.click(findTestObject('Object Repository/Page_My App/button_Sign In'))
```

```
App/button_Sign In'))  
  
WebUI.click(findTestObject('Object Repository/Page_My  
App/button_Create New Bot'))  
  
WebUI.click(findTestObject('Object Repository/Page_My  
App/label_Gemini 2.5 FlashMid-size, fast, and balanced'))  
  
WebUI.setText(findTestObject('Object Repository/Page_My  
App/input_Bot Name_w-full px-4 py-3 rounded-lg _103048'), 'New  
test bot 2')  
  
WebUI.uploadFile(findTestObject('Object Repository/Page_My  
App/input_Upload File'),  
'C:\\\\Users\\\\TmT\\\\Documents\\\\Programming\\\\tmp\\\\HelloWorld.txt')  
  
WebUI.waitForElementPresent(findTestObject('Object  
Repository/Page_My App/div_File uploaded successfully'), 10)  
  
WebUI.click(findTestObject('Object Repository/Page_My  
App/button_Create Bot'))  
  
WebUI.click(findTestObject('Object Repository/Page_My  
App/button_Save Finish'))  
  
WebUI.verifyElementPresent(findTestObject('Page_My App/h3_New  
test bot 2'), 5)  
  
WebUI.closeBrowser()
```

- Result: Passed

#	TEST CASE	STATUS	START	DURATION	# TEST	RESULT
>	1 Test Cases/Create bot/Create bot with website link	Passed	2026-01-01 16:16:44,4	17.364s	14	14 0 0 0 0 0 0 0
▽	2 Test Cases/Create bot/Create bot with uploaded file	Passed	2026-01-01 16:17:01,8	21.196s	14	14 0 0 0 0 0 0 0

Full Name Create bot/Test Cases/Create bot/Create bot with uploaded file  
Status PASSED

```

1 TEST STEP: openBrowser("")
2 TEST STEP: navigateToUrl("http://localhost:3000/login")
3 TEST STEP: setText(findTestObject("Object Repository/Page_My App/input_Email Address_w-full px-4 py-3 rounde_b2cb83"), "alice@example.com")
4 TEST STEP: setEncryptedText(findTestObject("Object Repository/Page_My App/input_Password_w-full px-4 py-3 rounded-lg_35cce5_1"), "RigbBhfdqOBGNlJIWM1ClA==")
5 TEST STEP: click(findTestObject("Object Repository/Page_My App/button_Sign In"))
6 TEST STEP: click(findTestObject("Object Repository/Page_My App/button_Create New Bot"))
7 TEST STEP: click(findTestObject("Object Repository/Page_My App/label_Gemini 2.5 FlashMid-size, fast, and balanced"))
8 TEST STEP: setText(findTestObject("Object Repository/Page_My App/input_Bot Name_w-full px-4 py-3 rounded-lg_103048"), "New test bot 2")
9 TEST STEP: uploadFile(findTestObject("Object Repository/Page_My App/input_Upload File"), "C:\Users\TmT\Documents\Programming\HelloWorld.txt")
10 TEST STEP: waitForElementPresent(findTestObject("Object Repository/Page_My App/div_File uploaded successfully"), 10)
11 TEST STEP: click(findTestObject("Object Repository/Page_My App/button_Create Bot"))
12 TEST STEP: click(findTestObject("Object Repository/Page_My App/button_Save Finish"))
13 TEST STEP: verifyElementPresent(findTestObject("Page_My App/h3_New test bot 2"), 5)
14 TEST STEP: closeBrowser()

```

### 3. Test case 3:

- Name: Create bot with no knowledge source

- Script:

```

WebUI.openBrowser('')

WebUI.navigateToUrl('http://localhost:3000/login')

WebUI.setText(findTestObject('Object Repository/Page_My App/input_Email Address_w-full px-4 py-3 rounde_b2cb83'), 'alice@example.com')

WebUI.setEncryptedText(findTestObject('Object Repository/Page_My App/input_Password_w-full px-4 py-3 rounded-lg_35cce5_1'), 'RigbBhfdqOBGNlJIWM1ClA==')

WebUI.click(findTestObject('Object Repository/Page_My App/button_Sign In'))

WebUI.click(findTestObject('Object Repository/Page_My App/button_Create New Bot'))

WebUI.click(findTestObject('Object Repository/Page_My App/label_Gemini 2.5 FlashMid-size, fast, and balanced'))

```

```

WebUI.setText(findTestObject('Object Repository/Page_My
App/input_Bot Name_w-full px-4 py-3 rounded-lg _103048'), 'New
test bot 1')

WebUI.click(findTestObject('Object Repository/Page_My
App/button_Create Bot'))

WebUI.verifyElementPresent(findTestObject('Object
Repository/Page_My App/div_Knowledge source required'), 5)

WebUI.closeBrowser()

```

- Result: Passed

The screenshot shows a Katalon Studio test report for a 'Create bot' scenario. The report includes a summary table with three rows of test cases, each showing a green 'Passed' status, a start time, duration, and various performance metrics. Below the table, a detailed log of 11 test steps is provided, including actions like opening the browser, navigating to the login page, entering email and password, clicking sign in, creating a new bot, verifying knowledge source, and closing the browser. The final section shows a single test case for 'Adjust response in creation' also passing.

#	TEST CASE	STATUS	START	DURATION	# TEST	RESULT
>	1 Test Cases/Create bot/Create bot with website link	Passed	2026-01-01 16:16:44.4	17.364s	14	14 0 0 0 0 0 0 0
>	2 Test Cases/Create bot/Create bot with uploaded file	Passed	2026-01-01 16:17:01.8	21.196s	14	14 0 0 0 0 0 0 0
▽	3 Test Cases/Create bot/Create bot with no knowledge source	Passed	2026-01-01 16:17:23.0	10.418s	11	11 0 0 0 0 0 0 0

Full Name: Create bot/Test Cases/Create bot/Create bot with no knowledge source  
Status: PASSED

- 1 TEST STEP: openBrowser("")
- 2 TEST STEP: navigateToUrl("http://localhost:3000/login")
- 3 TEST STEP: setText(findTestObject("Object Repository/Page\_My App/input\_Email Address\_w-full px-4 py-3 rounde\_b2cb83"), "alice@example.com")
- 4 TEST STEP: setEncryptedText(findTestObject("Object Repository/Page\_My App/input\_Password\_w-full px-4 py-3 rounded-lg \_35cce5\_!"), "RigbBhfdqOBGNJlWM1CIA==")
- 5 TEST STEP: click(findTestObject("Object Repository/Page\_My App/button\_Sign In"))
- 6 TEST STEP: click(findTestObject("Object Repository/Page\_My App/button\_Create New Bot"))
- 7 TEST STEP: click(findTestObject("Object Repository/Page\_My App/label\_Gemini 2.5 FlashMid-size, fast, and balanced"))
- 8 TEST STEP: setText(findTestObject("Object Repository/Page\_My App/input\_Bot Name\_w-full px-4 py-3 rounded-lg \_103048"), "New test bot 1")
- 9 TEST STEP: click(findTestObject("Object Repository/Page\_My App/button\_Create Bot"))
- 10 TEST STEP: verifyElementPresent(findTestObject("Object Repository/Page\_My App/div\_Knowledge source required"), 5)
- 11 TEST STEP: closeBrowser()

> 4 Test Cases/Create bot/Adjust response in creation

#### 4. Test case 4:

- Name: Adjust response in creation
- Script:

```

WebUI.openBrowser('')

WebUI.navigateToUrl('http://localhost:3000/login')

WebUI.setText(findTestObject('Object Repository/Page_My
App/input_Email Address_w-full px-4 py-3 rounde_b2cb83'),

```

```
'alice@example.com')

WebUI.setEncryptedText(findTestObject('Object Repository/Page_My
App/input_Password_w-full px-4 py-3 rounded-lg _35cce5_1'),
'RigbBhfdqOBGNlJIWM1ClA==')

WebUI.click(findTestObject('Object Repository/Page_My
App/button_Sign In'))

WebUI.click(findTestObject('Object Repository/Page_My
App/button_Create New Bot'))

WebUI.click(findTestObject('Object Repository/Page_My
App/label_Gemini 2.5 FlashMid-size, fast, and balanced'))

WebUI.setText(findTestObject('Object Repository/Page_My
App/input_Bot Name_w-full px-4 py-3 rounded-lg _103048'), 'New
test bot 1')

WebUI.click(findTestObject('Object Repository/Page_My
App/button_Add Website LinkTrain bot with websi_c3782b'))

WebUI.setText(findTestObject('Object Repository/Page_My
App/input_Add Website Link_w-full px-4 py-3 rou_4f10b6'), 'https://en.wikipedia.org/wiki/Dog')

WebUI.click(findTestObject('Object Repository/Page_My
App/button_Create Bot'))

WebUI.setText(findTestObject('Object Repository/Page_My
App/textarea_Adjust Bot Response_w-full border _1530fc'), 'If
someone asks "who are you?", you should answer "botchat helpdesk
for businesses".')

WebUI.setText(findTestObject('Object Repository/Page_My
App/input_Test Bot	flex-1 px-4 py-2 rounded-lg _b58fc8'), 'who
are you?')

WebUI.click(findTestObject('Object Repository/Page_My
App/button_Test Bot_inline-flex items-center ju_886084'))
```

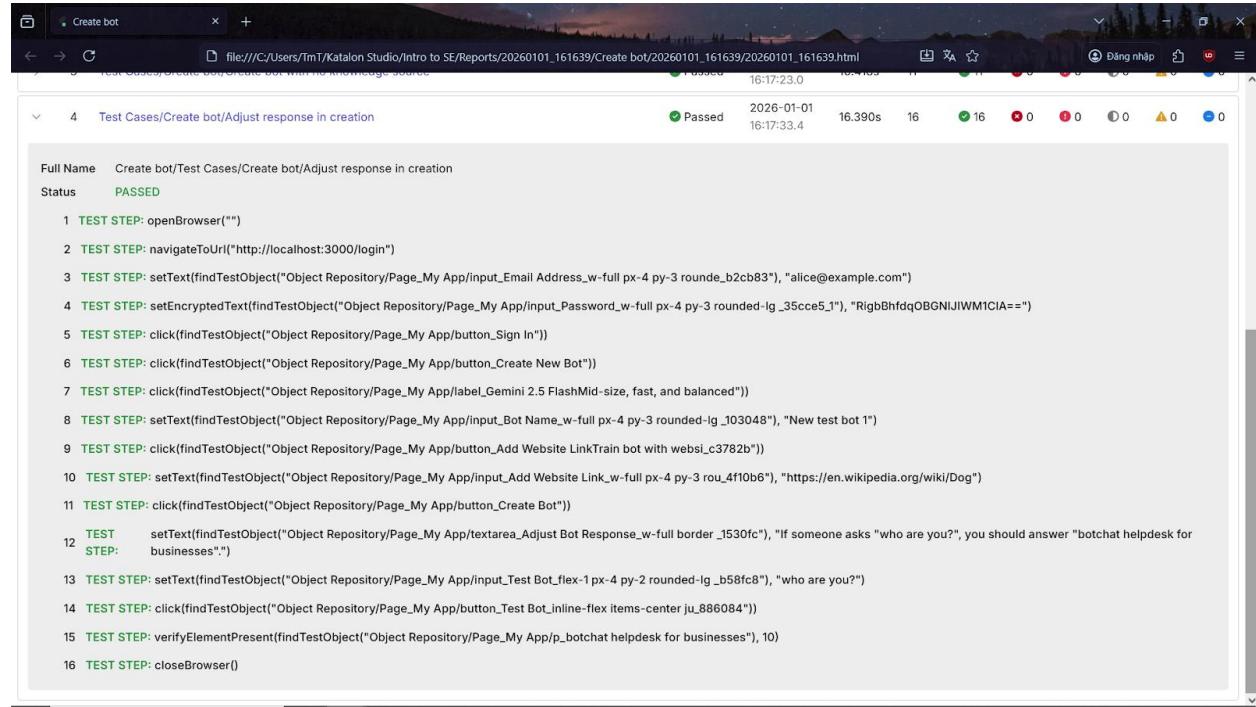
```

WebUI.verifyElementPresent(findTestObject('Object Repository/Page_My App/p_botchat helpdesk for businesses'), 10)

WebUI.closeBrowser()

```

- Result: Passed



### Use case configure a bot:

1. Test case 1:

- Name: Change bot name and model
- Script:

```

WebUI.openBrowser('')

WebUI.navigateToUrl('http://localhost:3000/login')

WebUI.setText(findTestObject('Object Repository/Page_My App/input_Email Address_w-full px-4 py-3 rounde_b2cb83'),
'alice@example.com')

WebUI.setEncryptedText(findTestObject('Object Repository/Page_My App/input_Password_w-full px-4 py-3 rounded-lg _35cce5_1'),
'RigbBhfdqOBGNlJIWM1ClA==')

WebUI.click(findTestObject('Object Repository/Page_My App/button_Sign In'))

```

```
App/button_Sign In'))  
  
WebUI.click(findTestObject('Page_My App/button_View',  
[('botName') : GlobalVariable.curBotName]))  
  
WebUI.setText(findTestObject('Object Repository/Page_My  
App/input_Bot Name_w-full px-4 py-3 rounded-lg _c75973'),  
'Selling cars')  
  
WebUI.click(findTestObject('Object Repository/Page_My  
App/label_Gemini 2.5 ProHighest intelligence fo_47f2eb'))  
  
WebUI.click(findTestObject('Object Repository/Page_My  
App/button_Save Changes'))  
  
WebUI.verifyElementText(findTestObject('Page_My App/h3_Selling  
cars'), 'Selling cars', FailureHandling.STOP_ON_FAILURE)  
  
WebUI.verifyElementText(findTestObject('Object Repository/Page_My  
App/p_Model gemini-2.5-pro'), 'Model: gemini-2.5-pro')  
  
WebUI.closeBrowser()  
  
GlobalVariable.curBotName = 'Selling cars'
```

- Result: Passed

The screenshot shows a Katalon Studio test report window. At the top, it displays 'Config bot' and the URL 'file:///C:/Users/TmT/Katalon Studio/Intro to SE/Reports/20251230\_220809/Config bot/20251230\_220809/20251230\_220809.html'. Below this, a summary table shows 4 Test Cases, 4 Passed, 0 Failed, 0 Error, 0 Incomplete, and 0 Skipped. The test duration was 1m 26.898s, from 2025-12-30 22:08:13.0 to 2025-12-30 22:09:39.9. The main content area is titled 'TEST CASE' and lists a single test case: 'Test Cases/Config bot/Change bot name and model'. This test case is marked as 'Passed' with a duration of 15.399s, run at 2025-12-30 22:08:13.6. The detailed steps of the test script are shown below:

```

Full Name: Config bot/Test Cases/Config bot/Change bot name and model
Status: PASSED

1 TEST STEP: openBrowser("")
2 TEST STEP: navigateToUrl("http://localhost:3000/login")
3 TEST STEP: setText(findTestObject("Object Repository/Page_My App/input_Email Address_w-full px-4 py-3 rounde_b2cb83"), "alice@example.com")
4 TEST STEP: setEncryptedText(findTestObject("Object Repository/Page_My App/input_Password_w-full px-4 py-3 rounded-lg _35cce5_1"), "RigbBhfdqOBGNlJIWM1ClA==")
5 TEST STEP: click(findTestObject("Object Repository/Page_My App/button_Sign In"))
6 TEST STEP: click(findTestObject("Page_My App/button_View", ["botName":curBotName]))
7 TEST STEP: setText(findTestObject("Object Repository/Page_My App/input_Bot Name_w-full px-4 py-3 rounded-lg _c75973"), "Selling cars")
8 TEST STEP: click(findTestObject("Object Repository/Page_My App/label_Gemini 2.5 ProHighest intelligence fo_47f2eb"))
9 TEST STEP: click(findTestObject("Object Repository/Page_My App/button_Save Changes"))
10 TEST STEP: verifyElementText(findTestObject("Page_My App/h3_Selling cars"), "Selling cars", STOP_ON_FAILURE)
11 TEST STEP: verifyElementText(findTestObject("Object Repository/Page_My App/p_Model gemini-2.5-pro"), "Model: gemini-2.5-pro")
12 TEST STEP: closeBrowser()
13 TEST STEP: curBotName = "Selling cars"

```

## 2. Test case 2:

- Name: Change to empty bot name
- Script:

```

WebUI.openBrowser('')

WebUI.navigateToUrl('http://localhost:3000/login')

WebUI.setText(findTestObject('Object Repository/Page_My App/input_Email Address_w-full px-4 py-3 rounde_b2cb83'), 'alice@example.com')

WebUI.setEncryptedText(findTestObject('Object Repository/Page_My App/input_Password_w-full px-4 py-3 rounded-lg _35cce5_1'), 'RigbBhfdqOBGNlJIWM1ClA==')

WebUI.click(findTestObject('Object Repository/Page_My App/button_Sign In'))

WebUI.click(findTestObject('Page_My App/button_View', [('botName') : GlobalVariable.curBotName]))

WebUI.setText(findTestObject('Object Repository/Page_My App/input_Bot Name_w-full px-4 py-3 rounded-lg _c75973'), '')

```

```

WebUI.click(findTestObject('Object Repository/Page_My
App/button_Save Changes'))

WebUI.verifyElementText(findTestObject('Object Repository/Page_My
App/h3_Unnamed Bot'), 'Unnamed Bot')

WebUI.closeBrowser()

GlobalVariable.curBotName = 'Unnamed Bot'

```

### - Result: Passed

The screenshot shows a test case report in Katalon Studio. At the top, there's a header bar with the title 'Config bot' and a URL 'file:///C:/Users/TmT/Katalon Studio/Intro to SE/Reports/20251230\_220809/Config bot/20251230\_220809/20251230\_220809.html'. Below the header is a toolbar with various icons. The main area is a table titled 'TEST CASE' with columns: #, TEST CASE, STATUS, START, DURATION, # TEST, and RESULT.

#	TEST CASE	STATUS	START	DURATION	# TEST	RESULT
> 1	Test Cases/Config bot/Change bot name and model	Passed	2025-12-30 22:08:13.6	15.399s	13	<span style="color: green;">●</span> 13 <span style="color: red;">●</span> 0 <span style="color: yellow;">●</span> 0 <span style="color: blue;">●</span> 0
> 2	Test Cases/Config bot/Change to empty bot name	Passed	2025-12-30 22:08:29.0	12.486s	11	<span style="color: green;">●</span> 11 <span style="color: red;">●</span> 0 <span style="color: yellow;">●</span> 0 <span style="color: blue;">●</span> 0
<b>Full Name:</b> Config bot/Test Cases/Config bot/Change to empty bot name <b>Status:</b> PASSED						
1 TEST STEP: openBrowser("") 2 TEST STEP: navigateToUrl("http://localhost:3000/login") 3 TEST STEP: setText(findTestObject("Object Repository/Page_My App/input_Email Address_w-full px-4 py-3 rounde_b2cb83"), "alice@example.com") 4 TEST STEP: setEncryptedText(findTestObject("Object Repository/Page_My App/input_Password_w-full px-4 py-3 rounded-lg_35cce5_!"), "RigBhfdqOBGNIJlWM1CIA=") 5 TEST STEP: click(findTestObject("Object Repository/Page_My App/button_Sign In")) 6 TEST STEP: click(findTestObject("Page_My App/button_View", ["botName":curBotName])) 7 TEST STEP: setText(findTestObject("Object Repository/Page_My App/input_Bot Name_w-full px-4 py-3 rounded-lg_c75973"), "") 8 TEST STEP: click(findTestObject("Object Repository/Page_My App/button_Save Changes")) 9 TEST STEP: verifyElementText(findTestObject("Object Repository/Page_My App/h3_Unnamed Bot"), "Unnamed Bot") 10 TEST STEP: closeBrowser() 11 TEST STEP: curBotName = "Unnamed Bot"						
> 3	Test Cases/Config bot/Add knowledge by uploading a file	Passed	2025-12-30 22:08:41.5	33.244s	13	<span style="color: green;">●</span> 13 <span style="color: red;">●</span> 0 <span style="color: yellow;">●</span> 0 <span style="color: blue;">●</span> 0
> 4	Test Cases/Config bot/Adjust response of a bot	Passed	2025-12-30 22:09:14.7	25.120s	13	<span style="color: green;">●</span> 13 <span style="color: red;">●</span> 0 <span style="color: yellow;">●</span> 0 <span style="color: blue;">●</span> 0

### 3. Test case 3:

- Name: Add knowledge by uploading a file
- Script:

```

WebUI.openBrowser('')

WebUI.navigateToUrl('http://localhost:3000/login')

WebUI.setText(findTestObject('Object Repository/Page_My
App/input_Email Address_w-full px-4 py-3 rounde_b2cb83'),
'alice@example.com')

```

```
WebUI.setEncryptedText(findTestObject('Object Repository/Page_My App/input_Password_w-full px-4 py-3 rounded-lg _35cce5_1'),
'RigbBhfdqOBGNlJIWM1ClA==')

WebUI.click(findTestObject('Object Repository/Page_My App/button_Sign In'))

WebUI.click(findTestObject('Page_My App/button_View',
[('botName') : GlobalVariable.curBotName]))

WebUI.uploadFile(findTestObject('Object Repository/Page_My App/input_Upload_File'),
'C:\\\\Users\\\\TmT\\\\Documents\\\\Programming\\\\Intro2SE\\\\Lessons\\\\01_Software Engineering Introduction.pdf')

WebUI.click(findTestObject('Object Repository/Page_My App/button_Save Changes'))

WebUI.click(findTestObject('Page_My App/button_View',
[('botName') : GlobalVariable.curBotName]))

WebUI.setText(findTestObject('Object Repository/Page_My App/input_Test Chat_flex-1 px-4 py-2 rounded-lg_c2f7cc_2'), '"Ai là người biên soạn file 01_Software Engineering Introduction.pdf?")')

WebUI.click(findTestObject('Object Repository/Page_My App/button_Test Chat_inline-flex items-center j_294c4a'))

WebUI.verifyTextPresent('Tran Duy Hoang', false)

WebUI.closeBrowser()
```

- Result: Passed

Test Cases/Config bot/Change bot name and model									
	Test Case ID	Test Case Name	Status	Run Date	Duration	Passed	Failed	Skipped	Blocked
>	1	Test Cases/Config bot/Change bot name and model	Passed	2025-12-30 22:08:13.6	15.399s	13	13	0	0
>	2	Test Cases/Config bot/Change to empty bot name	Passed	2025-12-30 22:08:29.0	12.486s	11	11	0	0
> ▾	3	Test Cases/Config bot/Add knowledge by uploading a file	Passed	2025-12-30 22:08:41.5	33.244s	13	13	0	0
Full Name: Config bot/Test Cases/Config bot/Add knowledge by uploading a file Status: PASSED									
1 TEST STEP: openBrowser("") 2 TEST STEP: navigateToUrl("http://localhost:3000/login") 3 TEST STEP: setText(findTestObject("Object Repository/Page_My App/input_Email Address_w-full px-4 py-3 rounde_b2cb83"), "alice@example.com") 4 TEST STEP: setEncryptedText(findTestObject("Object Repository/Page_My App/input_Password_w-full px-4 py-3 rounded-lg_35cce5_1"), "RigbBhfdqOBGNlJIWM1ClA==") 5 TEST STEP: click(findTestObject("Object Repository/Page_My App/button_Sign In")) 6 TEST STEP: click(findTestObject("Page_My App/button_View", ["botName":curBotName])) 7 TEST STEP: uploadFile(findTestObject("Object Repository/Page_My App/input_Upload File"), "C:\Users\TmT\Documents\Programming\Intro2SE\Lessons\01_Software Engineering Introduction.pdf") 8 TEST STEP: click(findTestObject("Object Repository/Page_My App/button_Save Changes")) 9 TEST STEP: click(findTestObject("Page_My App/button_View", ["botName":curBotName])) 10 TEST STEP: setText(findTestObject("Object Repository/Page_My App/input_Test Chat_flex-1 px-4 py-2 rounded-lg_c2f7cc_2"), "Ai là người biên soạn file 01_Software Engineering Introduction.pdf?") 11 TEST STEP: click(findTestObject("Object Repository/Page_My App/button_Test Chat_inline-flex items-center_j_294c4a")) 12 TEST STEP: verifyTextPresent("Tran Duy Hoang", false) 13 TEST STEP: closeBrowser()									
>	4	Test Cases/Config bot/Adjust response of a bot	Passed	2025-12-30 22:09:14.7	25.120s	13	13	0	0

#### 4. Test case 4:

- Name: Adjust response of a bot
- Script:

```
WebUI.openBrowser('')

WebUI.navigateToUrl('http://localhost:3000/login')

WebUI.setText(findTestObject('Object Repository/Page_My App/input_Email Address_w-full px-4 py-3 rounde_b2cb83'), 'alice@example.com')

WebUI.setEncryptedText(findTestObject('Object Repository/Page_My App/input_Password_w-full px-4 py-3 rounded-lg_35cce5_1'), 'RigbBhfdqOBGNlJIWM1ClA==')

WebUI.click(findTestObject('Object Repository/Page_My App/button_Sign In'))

WebUI.click(findTestObject('Page_My App/button_View', ['botName'] : GlobalVariable.curBotName))

WebUI.setText(findTestObject('Object Repository/Page_My App/textarea_Nu hi Ai l ngi to ra bn th tr li n_f77b03_2'), 'Nếu
```

```
hỏi Ai là người tạo ra bạn thì trả lời người\ntạo ra tôi là Bá Đạt')
```

```
WebUI.click(findTestObject('Object Repository/Page_My App/button_Save Changes'))
```

```
WebUI.click(findTestObject('Page_My App/button_View', [('botName') : GlobalVariable.curBotName]))
```

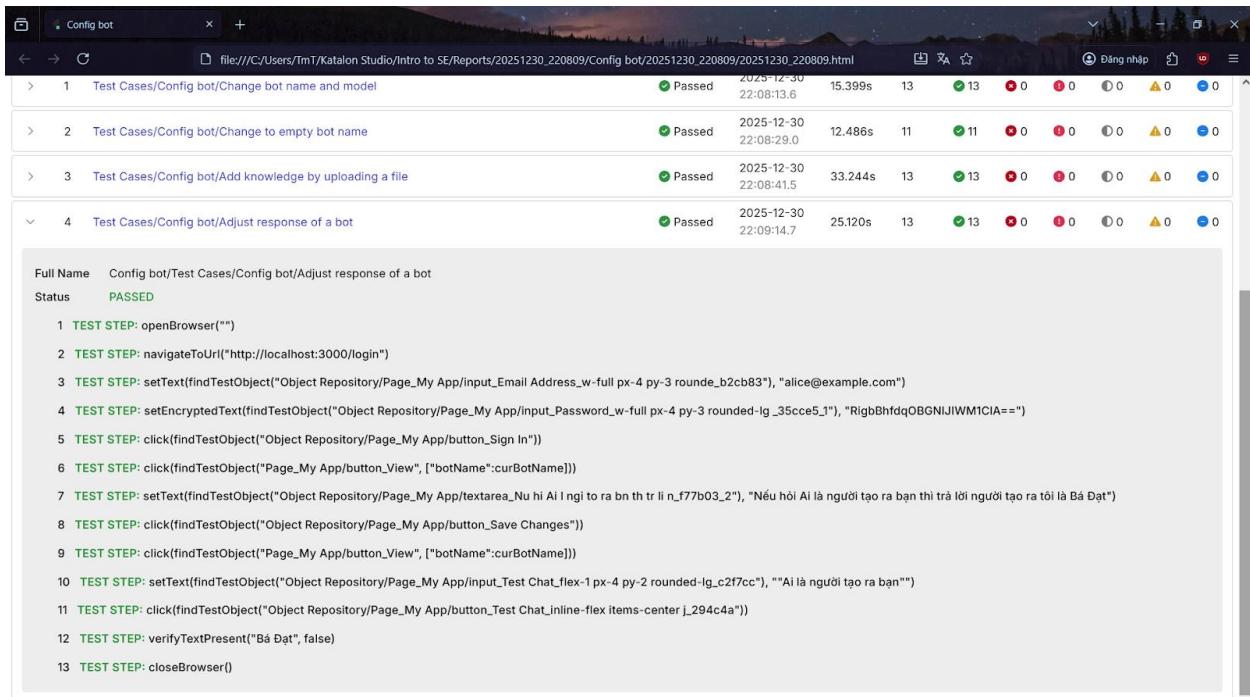
```
WebUI.setText(findTestObject('Object Repository/Page_My App/input_Test Chat_flex-1 px-4 py-2 rounded-lg_c2f7cc'), '"Ai là người tạo ra bạn"')
```

```
WebUI.click(findTestObject('Object Repository/Page_My App/button_Test Chat_inline-flex items-center j_294c4a'))
```

```
WebUI.verifyTextPresent('Bá Đạt', false)
```

```
WebUI.closeBrowser()
```

## - Result: Passed



The screenshot shows a Katalon Studio test report titled "Config bot". It displays four test cases under the "Test Cases/Config bot" category:

Full Name	Status	Time	Passed	Failed	Skipped	Blocked	Warning	Info
1 Test Cases/Config bot/Change bot name and model	Passed	2025-12-30 22:08:13.6	15.399s	13	0	0	0	0
2 Test Cases/Config bot/Change to empty bot name	Passed	2025-12-30 22:08:29.0	12.486s	11	0	0	0	0
3 Test Cases/Config bot/Add knowledge by uploading a file	Passed	2025-12-30 22:08:41.5	33.244s	13	0	0	0	0
4 Test Cases/Config bot/Adjust response of a bot	Passed	2025-12-30 22:09:14.7	25.120s	13	0	0	0	0

Below the table, the test steps are listed:

- TEST STEP: openBrowser("")
- TEST STEP: navigateToUrl("http://localhost:3000/login")
- TEST STEP: setText(findTestObject("Object Repository/Page\_My App/input\_Email Address\_w-full px-4 py-3 rounded-b2cb83"), "alice@example.com")
- TEST STEP: setEncryptedText(findTestObject("Object Repository/Page\_My App/input\_Password\_w-full px-4 py-3 rounded-lg\_35cce5\_1"), "RigbBhfdqOBGNIJWM1CIA==")
- TEST STEP: click(findTestObject("Object Repository/Page\_My App/button\_Sign In"))
- TEST STEP: click(findTestObject("Page\_My App/button\_View", ["botName":curBotName]))
- TEST STEP: setText(findTestObject("Object Repository/Page\_My App/textarea\_Nu hi Ai i ngi to ra bn th tr li\_n\_f77b03\_2"), "Nếu hỏi Ai là người tạo ra bạn thì trả lời người tạo ra tôi là Bá Đạt")
- TEST STEP: click(findTestObject("Object Repository/Page\_My App/button\_Save Changes"))
- TEST STEP: click(findTestObject("Page\_My App/button\_View", ["botName":curBotName]))
- TEST STEP: setText(findTestObject("Object Repository/Page\_My App/input\_Test Chat\_flex-1 px-4 py-2 rounded-lg\_c2f7cc"), "Ai là người tạo ra bạn")
- TEST STEP: click(findTestObject("Object Repository/Page\_My App/button\_Test Chat\_inline-flex items-center j\_294c4a"))
- TEST STEP: verifyTextPresent("Bá Đạt", false)
- TEST STEP: closeBrowser()

## Use case Share Group:

### 1. Test case 1:

- Name: Create a new group
- Script:

```
String login_email = 'isQ@email.test'
String login_password_hashed = 'RigbBhfdqOBGNlJIWM1ClA=='
String group_name = 'auto test using katalon'
String group_members = 'aidomatuikobik1@gmail.com,aidomatuikobik2@gmail.com'
String pass_string = 'Group created'
WebUI.openBrowser('')
// login
WebUI.navigateToUrl('http://localhost:3000/login')
WebUI.setText(findTestObject('Object Repository/Login Page/input_Email Address'), login_email)
WebUI.setEncryptedText(findTestObject('Login Page/input_Password'), login_password_hashed)
WebUI.click(findTestObject('Object Repository/Login Page/button_Sign In_1'))
// go to group page
WebUI.click(findTestObject('Object Repository/Home Page/span_Groups'))
WebUI.waitForPageLoad(10)
currentUrl = WebUI.getUrl()
WebUI.verifyMatch(currentUrl, "http://localhost:3000/account/groups", false)
// create new group
WebUI.click(findTestObject('Object Repository/Groups Page/button_New Group'))
WebUI.setText(findTestObject('Object Repository/Groups Page/input_Group Name'), group_name)
WebUI.setText(findTestObject('Object Repository/Groups Page/textarea_Member Emails'), group_members)
WebUI.click(findTestObject('Object Repository/Groups Page/button_Create Group'))
// verify
WebUI.waitForPageLoad(1)
WebUI.verifyTextPresent(pass_string, true)
WebUI.closeBrowser()
```

- Result: Passed

✓	Test Cases/Share Group/Create Group	11.962s
✓	1 - login_email = "isQ@email.test"	4ms
✓	2 - login_password_hashed = "RigbBhfdqOBGN1JIWM1ClA=="	2ms
✓	3 - group_name = "auto test using katalon"	3ms
✓	4 - group_members = "aidomatuikobik1@gmail.com,aidomatuikobik2@gmail.com"	3ms
✓	5 - pass_string = "Group created"	3ms
>	6 - openBrowser("")	1.868s
✓	7 - navigateToUrl("http://localhost:3000/login")	509ms
✓	8 - setText(findTestObject("Object Repository/Login Page/input_Email Address"), login_email)	893ms
✓	9 - setEncryptedText(findTestObject("Login Page/input_Password"), login_password_hashed)	339ms
✓	10 - click(findTestObject("Object Repository/Login Page/button_Sign In_1"))	308ms
✓	11 - click(findTestObject("Object Repository/Home Page/span_Groups"))	2.209s
✓	12 - waitForPageLoad(10)	79ms
✓	13 - currentUrl = getUrl()	13ms
✓	14 - verifyMatch(currentUrl, "http://localhost:3000/account/groups", false)	23ms
✓	15 - click(findTestObject("Object Repository/Groups Page/button_New Group"))	657ms
✓	16 - setText(findTestObject("Object Repository/Groups Page/input_Group Name"), group_name)	1.96s
✓	17 - setText(findTestObject("Object Repository/Groups Page/textarea_Member Emails"), group_...)	869ms
✓	18 - click(findTestObject("Object Repository/Groups Page/button_Create Group"))	543ms
✓	19 - waitForPageLoad(1)	11ms
✓	20 - verifyTextPresent(pass_string, true)	1.785s
✓	21 - closeBrowser()	13ms

## 2. Test case 2:

- Name: Update member list of group

- Script:

```
String login_email = 'isQ@email.test'
String login_password_hashed = 'RigbBhfdqOBGN1JIWM1ClA=='
String group_name = 'auto test using katalon'
String group_members =
'aidomatuikobik1@gmail.com,aidomatuikobik2@gmail.com,aidomatuikobik3@gmail.com'
String pass_string = 'Group updated'
WebUI.openBrowser('')
// login
WebUI.navigateToUrl('http://localhost:3000/login')
WebUI.setText(findTestObject('Object Repository/Login Page/input_Email Address'),
login_email)
WebUI.setEncryptedText(findTestObject('Login Page/input_Password'),
login_password_hashed)
WebUI.click(findTestObject('Object Repository/Login Page/button_Sign In_1'))
// go to group page
WebUI.click(findTestObject('Object Repository/Home Page/span_Groups'))
WebUI.waitForPageLoad(10)
currentUrl = WebUI.getUrl()
WebUI.verifyMatch(currentUrl, "http://localhost:3000/account/groups", false)
// update group
WebUI.click(findTestObject('Object Repository/Groups
Page/button_Edit',[('group_name') : group_name]))
```

```

WebUI.setText(findTestObject('Object Repository/Groups Page/textarea_Member Emails'),
group_members)
WebUI.click(findTestObject('Object Repository/Groups Page/button_Update'))
// verify
WebUI.waitForPageLoad(1)
WebUI.verifyTextPresent(pass_string, true)
WebUI.closeBrowser()

```

- Result: Passed

✓ 1 - login_email = "isQ@email.test"	10.559s
✓ 2 - login_password_hashed = 'RigbBhfdqOBGNlJIWm1ClA=='	4ms
✓ 3 - group_name = "auto test using katalon"	2ms
✓ 4 - group_members = "aidomatuikobik1@gmail.com,aidomatuikobik2@gmail.com,aidomatuikobik3@gmail.com"	2ms
✓ 5 - pass_string = "Group updated"	2ms
> 6 - openBrowser("")	1.863s
✓ 7 - navigateToUrl("http://localhost:3000/login")	542ms
✓ 8 - setText(findTestObject("Object Repository/Login Page/input_Email Address"), login_email)	862ms
✓ 9 - setEncryptedText(findTestObject("Login Page/input_Password"), login_password_hashed)	342ms
✓ 10 - click(findTestObject("Object Repository/Login Page/button_Sign In_1"))	312ms
✓ 11 - click(findTestObject("Object Repository/Home Page/span_Groups"))	2.190s
✓ 12 - waitForPageLoad(10)	76ms
✓ 13 - currentUrl = getUrl()	14ms
✓ 14 - verifyMatch(currentUrl, "http://localhost:3000/account/groups", false)	19ms
✓ 15 - click(findTestObject("Object Repository/Groups Page/button_Edit", ["group_name":group_n...))	700ms
✓ 16 - setText(findTestObject("Object Repository/Groups Page/textarea_Member Emails"), group_m...)	1.368s
✓ 17 - click(findTestObject("Object Repository/Groups Page/button_Update"))	571ms
✓ 18 - waitForPageLoad(1)	12ms
✓ 19 - verifyTextPresent(pass_string, true)	953ms
✓ 20 - closeBrowser()	157ms

### 3. Test case 3:

- Name: Delete a group

- Script:

```

String login_email = 'isQ@email.test'
String login_password_hashed = 'RigbBhfdqOBGNlJIWm1ClA=='
String group_name = 'auto test using katalon'
String group_members =
'aidomatuikobik1@gmail.com,aidomatuikobik2@gmail.com,aidomatuikobik3@gmail.com'
String pass_string = 'Update successful!'
WebUI.openBrowser('')
// login
WebUI.navigateToUrl('http://localhost:3000/login')
WebUI.setText(findTestObject('Object Repository/Login Page/input_Email Address'),
login_email)
WebUI.setEncryptedText(findTestObject('Login Page/input_Password'),
login_password_hashed)
WebUI.click(findTestObject('Object Repository/Login Page/button_Sign In_1'))

```

```

// go to group page
WebUI.click(findTestObject('Object Repository/Home Page/span_Groups'))
WebUI.waitForPageLoad(10)
currentUrl = WebUI.getUrl()
WebUI.verifyMatch(currentUrl, "http://localhost:3000/account/groups", false)
// delete group
WebUI.click(findTestObject('Object Repository/Groups Page/button_Delete',[('group_name') : group_name]))
WebUI.click(findTestObject('Object Repository/Groups Page/button_Delete Confirm',))
// verify
WebUI.waitForPageLoad(1)
WebUI.verifyTextPresent(pass_string, true)
WebUI.closeBrowser()

```

## - Result: Passed

---

✓	Test Cases/Share Group/Delete Group	8.17s
✓	1 - login_email = "isQ@email.test"	2ms
✓	2 - login_password_hashed = "RigBhfdqOBGN1JIWM1ClA=="	1ms
✓	3 - group_name = "auto test using katalon"	3ms
✓	4 - group_members = "aidomatuikobik1@gmail.com,aidomatuikobik2@gmail.com,aidomatuikobik3..."	3ms
✓	5 - pass_string = "Update successful!"	3ms
>	6 - openBrowser("")	1.832s
✓	7 - navigateToUrl("http://localhost:3000/login")	515ms
✓	8 - setText(findTestObject("Object Repository/Login Page/input_Email Address"), login_email)	913ms
✓	9 - setEncryptedText(findTestObject("Login Page/input_Password"), login_password_hashed)	374ms
✓	10 - click(findTestObject("Object Repository/Login Page/button_Sign In_1"))	335ms
✓	11 - click(findTestObject("Object Repository/Home Page/span_Groups"))	897ms
✓	12 - waitForPageLoad(10)	93ms
✓	13 - currentUrl = getUrl()	28ms
✓	14 - verifyMatch(currentUrl, "http://localhost:3000/account/groups", false)	22ms
✓	15 - click(findTestObject("Object Repository/Groups Page/button_Delete", ["group_name":grou..."))	970ms
✓	16 - click(findTestObject("Object Repository/Groups Page/button_Delete Confirm"))	590ms
✓	17 - waitForPageLoad(1)	14ms
✓	18 - verifyTextPresent(pass_string, true)	713ms
✓	19 - closeBrowser()	126ms

## Use case Chat Bot:

### 1. Test case 1:

- Name: Create a chat and chat with bot

- Script:

```

String login_email = 'isQ@email.test'
String login_password_hashed = 'RigBhfdqOBGN1JIWM1ClA=='
String bot_name = 'katalon test bot'
String prompt = 'i am testing chat bot feature, just send back "Hi! How can I help you?"'
String pass_string = 'Hi! How can I help you?'
WebUI.openBrowser('')

```

```

// login
WebUI.navigateToUrl('http://localhost:3000/login')
WebUI.setText(findTestObject('Object Repository/Login Page/input_Email Address'), login_email)
WebUI.setEncryptedText(findTestObject('Login Page/input_Password'), login_password_hashed)
WebUI.click(findTestObject('Object Repository/Login Page/button_Sign In_1'))
// go to chat page
WebUI.click(findTestObject('Object Repository/Home Page/span_Chat'))
WebUI.waitForPageLoad(10)
currentUrl = WebUI.getUrl()
WebUI.verifyMatch(currentUrl, "http://localhost:3000/account/chat", false)
// new chat
WebUI.click(findTestObject('Object Repository/Chat Page/button_New Chat'))
WebUI.click(findTestObject('Object Repository/Chat Page/button_ChOOSE Bot', [('bot_name') : bot_name]))
WebUI.setText(findTestObject('Object Repository/Chat Page/input_Chat'), prompt)
WebUI.click(findTestObject('Object Repository/Chat Page/button_Send Chat'))
// verify ai thinking
WebUI.waitForPageLoad(1)
WebUI.verifyTextPresent(pass_string, true)
WebUI.closeBrowser()

```

## - Result: Passed

✓	Test Cases/Chat Bot/Create Chat	14.267s
✓	1 - login_email = "isQ@email.test"	4ms
✓	2 - login_password_hashed = "RigbBhfdqOBGNIJIWM1CIA=="	2ms
✓	3 - bot_name = "katalon test bot"	3ms
✓	4 - prompt = "i am testing chat bot feature, just send back "Hi! How can I help you?""	2ms
✓	5 - pass_string = "Hi! How can I help you?"	1ms
>	6 - openBrowser("")	2.9s
✓	7 - navigateToUrl("http://localhost:3000/login")	507ms
✓	8 - setText(findTestObject("Object Repository/Login Page/input_Email Address"), login_email)	951ms
✓	9 - setEncryptedText(findTestObject("Login Page/input_Password"), login_password_hashed)	369ms
✓	10 - click(findTestObject("Object Repository/Login Page/button_Sign In_1"))	328ms
✓	11 - click(findTestObject("Object Repository/Home Page/span_Chat"))	1.18s
✓	12 - waitForPageLoad(10)	85ms
✓	13 - currentUrl = getUrl()	16ms
✓	14 - verifyMatch(currentUrl, "http://localhost:3000/account/chat", false)	27ms
✓	15 - click(findTestObject("Object Repository/Chat Page/button_New Chat"))	2.352s
✓	16 - click(findTestObject("Object Repository/Chat Page/button_ChOOSE Bot", [{"bot_name":bot_n...}])	537ms
✓	17 - setText(findTestObject("Object Repository/Chat Page/input_Chat"), prompt)	2.170s
✓	18 - click(findTestObject("Object Repository/Chat Page/button_Send Chat"))	318ms
✓	19 - waitForPageLoad(1)	14ms
✓	20 - verifyTextPresent(pass_string, true)	2.850s
✓	21 - closeBrowser()	159ms

## 2. Test case 2:

- Name: Send a ticket

- Script:

```
String login_email = 'isQ@email.test'
String login_password_hashed = 'RigbBhfdqOBGNlJIWM1ClA=='
String bot_name = 'katalon test bot'
String ticket_input = 'just a test ticket'
WebUI.openBrowser('')
// login
WebUI.navigateToUrl('http://localhost:3000/login')
WebUI.setText(findTestObject('Object Repository/Login Page/input_Email Address'), login_email)
WebUI.setEncryptedText(findTestObject('Login Page/input_Password'), login_password_hashed)
WebUI.click(findTestObject('Object Repository/Login Page/button_Sign In_1'))
// go to chat page
WebUI.click(findTestObject('Object Repository/Home Page/span_Chat'))
WebUI.waitForPageLoad(10)
currentUrl = WebUI.getUrl()
WebUI.verifyMatch(currentUrl, "http://localhost:3000/account/chat", false)
// send a ticket
WebUI.click(findTestObject('Object Repository/Chat Page/button_Choose Chat', [('bot_name') : bot_name]))
WebUI.click(findTestObject('Object Repository/Chat Page/button_Send a Ticket'))
WebUI.setText(findTestObject('Object Repository/Chat Page/input_Ticket'), ticket_input)
WebUI.click(findTestObject('Object Repository/Chat Page/button_Submit Ticket'))
// verify
WebUI.verifyAlertPresent(5)
WebUI.closeBrowser()
```

- Result: Passed

✓ 1 - login_email = "isQ@email.test"	13.21s
✓ 2 - login_password_hashed = "RigbBhfdqOBGN1JIWM1ClA=="	2ms
✓ 3 - bot_name = "katalon test bot"	2ms
✓ 4 - ticket_input = "just a test ticket"	1ms
> ✓ 5 - openBrowser("")	1.883s
✓ 6 - navigateToUrl("http://localhost:3000/login")	514ms
✓ 7 - setText(findTestObject("Object Repository/Login Page/input_Email Address"), login_email)	889ms
✓ 8 - setEncryptedText(findTestObject("Login Page/input_Password"), login_password_hashed)	357ms
✓ 9 - click(findTestObject("Object Repository/Login Page/button_Sign In_1"))	375ms
✓ 10 - click(findTestObject("Object Repository/Home Page/span_Chat"))	1.943s
✓ 11 - waitForPageLoad(10)	88ms
✓ 12 - currentUrl = getUrl()	19ms
✓ 13 - verifyMatch(currentUrl, "http://localhost:3000/account/chat", false)	22ms
✓ 14 - click(findTestObject("Object Repository/Chat Page/button_ChOOSE Chat", ["bot_name":bot_name]))	1.766s
✓ 15 - click(findTestObject("Object Repository/Chat Page/button_Send a Ticket"))	1.486s
✓ 16 - setText(findTestObject("Object Repository/Chat Page/input_Ticket"), ticket_input)	1.52s
✓ 17 - click(findTestObject("Object Repository/Chat Page/button_Submit Ticket"))	349ms
✓ 18 - verifyAlertPresent(5)	1.569s
✓ 19 - closeBrowser()	152ms

### 3. Test case 3:

- Name: Delete chat history

- Script:

```

String login_email = 'isQ@email.test'
String login_password_hashed = 'RigbBhfdqOBGN1JIWM1ClA=='
String bot_name = 'katalon test bot'
String pass_string = 'katalon test bot'
WebUI.openBrowser('')
// login
WebUI.navigateToUrl('http://localhost:3000/login')
WebUI.setText(findTestObject('Object Repository/Login Page/input_Email Address'), login_email)
WebUI.setEncryptedText(findTestObject('Login Page/input_Password'), login_password_hashed)
WebUI.click(findTestObject('Object Repository/Login Page/button_Sign In_1'))
// go to chat page
WebUI.click(findTestObject('Object Repository/Home Page/span_Chat'))
WebUI.waitForPageLoad(10)
currentUrl = WebUI.getUrl()
WebUI.verifyMatch(currentUrl, "http://localhost:3000/account/chat", false)
//delete chat history
WebUI.click(findTestObject('Object Repository/Chat Page/button_Delete Chat', [('bot_name') : bot_name]))
// verify
WebUI.waitForPageLoad(1)
WebUI.verifyTextNotPresent(pass_string, true)
WebUI.closeBrowser()

```

## - Result: Passed

✓	Test Cases/Chat Bot/Delete Chat	9.232s
✓	1 - login_email = "isQ@email.test"	3ms
✓	2 - login_password_hashed = "RigbBhfdqOBGNIJIWM1CIA=="	2ms
✓	3 - bot_name = "katalon test bot"	3ms
✓	4 - pass_string = "katalon test bot"	3ms
>	5 - openBrowser("")	1.868s
✓	6 - navigateToUrl("http://localhost:3000/login")	482ms
✓	7 - setText(findTestObject("Object Repository/Login Page/input_Email Address"), login_email)	870ms
✓	8 - setEncryptedText(findTestObject("Login Page/input_Password"), login_password_hashed)	375ms
✓	9 - click(findTestObject("Object Repository/Login Page/button_Sign In_1"))	324ms
✓	10 - click(findTestObject("Object Repository/Home Page/span_Chat"))	2.69s
✓	11 - waitForPageLoad(10)	84ms
✓	12 - currentUrl = getUrl()	15ms
✓	13 - verifyMatch(currentUrl, "http://localhost:3000/account/chat", false)	23ms
✓	14 - click(findTestObject("Object Repository/Chat Page/button_Delete Chat", ["bot_name":bot_n...]	1.840s
✓	15 - waitForPageLoad(1)	11ms
✓	16 - verifyTextNotPresent(pass_string, true)	584ms
✓	17 - closeBrowser()	156ms