

PLAYWRIGHT TEST CODE (1)

```
> Execute Playwright Test | Complexity is 3 Everything is cool!
57 test('Prevent students from booking consultations with different lecturers simultaneously', async () => {
58   test.slow(60000)
59   const browser = await chromium.launch({ headless: false })
60   const context = await browser.newContext()
61   const page = await context.newPage()
62
63   await page.goto('http://localhost:3000')
64
65   // Test scenario 1
66   await page.getByLabel('Username or email address').click()
67   await page.getByLabel('Username or email address').fill('2305164@students.wits.ac.za')
68   await page.getByLabel('Password').click()
69   await page.getByLabel('Password').fill('j5jf42TXE2eUx3-')
70   await page.getByRole('button', { name: 'Continue', exact: true }).click()
71
72   await page.click('#teacherList')
73   await page.selectOption('#teacherList', 'Test Case')
74
75   // Check that the teacher is selected
76   const selectedTeacher = await page.$eval('#teacherList', el => el.value)
77   expect(selectedTeacher).toBe('Test.Case@wits.ac.za')
78
79   await page.click('#slotList')
80   await page.selectOption('#slotList', '2023-05-31 at 11:00-12:00')
81
82   await page.click('#subperiodDropdown')
83   // Select the desired option from the dropdown
84   await page.selectOption('#subperiodDropdown', '11:00 - 11:15')
85
86   await page.click('#bookButton')
87
88   await page.waitForTimeout(15000)
89   const message = await page.$eval('#messageContainer', el => el.textContent)
90
91   // Expect the message to contain the expected text
92   expect(message).toContain('Already has a consultation booked with Jane Smith on 2023-05-31 at 11:00 - 11:15')
93
94   await page.close()
95   await context.close()
96   await browser.close()
97 });
98
```

PLAYWRIGHT TEST RESULTS (1)

<input type="text"/>		All 3	Passed 3	Failed 0	Flaky 0	Skipped 0	Total time: 1.9m
example.spec.js							
✓	Prevent students from booking consultations with different lecturers simultaneously	chromium	52.0s				
	example.spec.js:57						
✓	Prevent students from booking consultations with different lecturers simultaneously	firefox	58.2s				
	example.spec.js:57						
✓	Prevent students from booking consultations with different lecturers simultaneously	webkit	54.4s				
	example.spec.js:57						



All 3

Passed 3

Failed 0

Flaky 0

Skipped 0

Prevent students from booking consultations with different lecturers simultaneously

example.spec.js:57

52.0s

chromium

Annotations

slow

✓ Run

Test Steps

✓ Before Hooks	123ms
> ✓ browserType.launch — example.spec.js:59	3.4s
> ✓ browser.newContext — example.spec.js:60	65ms
> ✓ browserContext.newPage — example.spec.js:61	1.1s
> ✓ page.goto(http://localhost:3000) — example.spec.js:63	2.7s
> ✓ locator.getByLabel('Username or email address').click — example.spec.js:66	791ms
> ✓ locator.getByLabel('Username or email address').fill — example.spec.js:67	139ms
> ✓ locator.getByLabel('Password').click — example.spec.js:68	282ms
> ✓ locator.getByLabel('Password').fill — example.spec.js:69	92ms
> ✓ locator.getByRole('button', { name: 'Continue', exact: true }).click — example.spec.js:70	3.5s
> ✓ page.click(#teacherList) — example.spec.js:72	2.6s
> ✓ page.selectOption(#teacherList) — example.spec.js:73	180ms
> ✓ page.\$eval(#teacherList) — example.spec.js:76	148ms
> ✓ expect.toBe — example.spec.js:77	2ms
> ✓ page.click(#slotList) — example.spec.js:79	327ms
> ✓ page.selectOption(#slotList) — example.spec.js:80	277ms
> ✓ page.click(#subperiodDropdown) — example.spec.js:82	371ms
> ✓ page.selectOption(#subperiodDropdown) — example.spec.js:84	45ms
> ✓ page.click(#bookButton) — example.spec.js:86	106ms
> ✓ page.waitForTimeout — example.spec.js:88	15.0s
> ✓ page.\$eval(#messageContainer) — example.spec.js:89	16ms
> ✓ expect.toContain — example.spec.js:92	1ms
> ✓ page.close — example.spec.js:94	16ms
> ✓ browserContext.close — example.spec.js:95	592ms
> ✓ browser.close — example.spec.js:96	20.1s
✓ After Hooks	3ms

Q

All 3

Passed 3

Failed 0

Flaky 0

Skipped 0

Prevent students from booking consultations with different lecturers simultaneously

example.spec.js:57

58.2s

firefox

Annotations

slow

Run

Test Steps

✓ Before Hooks	191ms
> ✓ browserType.launch — example.spec.js:59	3.9s
> ✓ browser.newContext — example.spec.js:60	22ms
> ✓ browserContext.newPage — example.spec.js:61	953ms
> ✓ page.goto(http://localhost:3000) — example.spec.js:63	1.9s
> ✓ locator.getByLabel('Username or email address').click — example.spec.js:66	737ms
> ✓ locator.getByLabel('Username or email address').fill — example.spec.js:67	79ms
> ✓ locator.getByLabel('Password').click — example.spec.js:68	99ms
> ✓ locator.getByLabel('Password').fill — example.spec.js:69	34ms
> ✓ locator.getByRole('button', { name: 'Continue', exact: true }).click — example.spec.js:70	2.2s
> ✓ page.click(#teacherList) — example.spec.js:72	4.5s
> ✓ page.selectOption(#teacherList) — example.spec.js:73	79ms
> ✓ page.\$eval(#teacherList) — example.spec.js:76	27ms
> ✓ expect.toBe — example.spec.js:77	2ms
> ✓ page.click(#slotList) — example.spec.js:79	157ms
> ✓ page.selectOption(#slotList) — example.spec.js:80	362ms
> ✓ page.click(#subperiodDropdown) — example.spec.js:82	476ms
> ✓ page.selectOption(#subperiodDropdown) — example.spec.js:84	27ms
> ✓ page.click(#bookButton) — example.spec.js:86	80ms
> ✓ page.waitForTimeout — example.spec.js:88	15.0s
> ✓ page.\$eval(#messageContainer) — example.spec.js:89	11ms
> ✓ expect.toContain — example.spec.js:92	2ms
> ✓ page.close — example.spec.js:94	182ms
> ✓ browserContext.close — example.spec.js:95	703ms
> ✓ browser.close — example.spec.js:96	26.4s
✓ After Hooks	9ms

Q

All 3

Passed 3

Failed 0

Flaky 0

Skipped 0

Prevent students from booking consultations with different lecturers simultaneously

example.spec.js:57

54.4s

webkit

Annotations

slow

Run

Test Steps

✓ Before Hooks	137ms
> ✓ browserType.launch — example.spec.js:59	3.2s
> ✓ browser.newContext — example.spec.js:60	127ms
> ✓ browserContext.newPage — example.spec.js:61	845ms
> ✓ page.goto(http://localhost:3000) — example.spec.js:63	1.3s
> ✓ locator.getByLabel('Username or email address').click — example.spec.js:66	486ms
> ✓ locator.getByLabel('Username or email address').fill — example.spec.js:67	122ms
> ✓ locator.getByLabel('Password').click — example.spec.js:68	160ms
> ✓ locator.getByLabel('Password').fill — example.spec.js:69	81ms
> ✓ locator.getByRole('button', { name: 'Continue', exact: true }).click — example.spec.js:70	2.3s
> ✓ page.click(#teacherList) — example.spec.js:72	1.2s
> ✓ page.selectOption(#teacherList) — example.spec.js:73	89ms
> ✓ page.\$eval(#teacherList) — example.spec.js:76	50ms
> ✓ expect.toBe — example.spec.js:77	2ms
> ✓ page.click(#slotList) — example.spec.js:79	205ms
> ✓ page.selectOption(#slotList) — example.spec.js:80	217ms
> ✓ page.click(#subperiodDropdown) — example.spec.js:82	391ms
> ✓ page.selectOption(#subperiodDropdown) — example.spec.js:84	65ms
> ✓ page.click(#bookButton) — example.spec.js:86	177ms
> ✓ page.waitForTimeout — example.spec.js:88	15.0s
> ✓ page.\$eval(#messageContainer) — example.spec.js:89	29ms
> ✓ expect.toContain — example.spec.js:92	1ms
> ✓ page.close — example.spec.js:94	32ms
> ✓ browserContext.close — example.spec.js:95	38ms
> ✓ browser.close — example.spec.js:96	28.0s
✓ After Hooks	7ms

PLAYWRIGHT TEST CODE (2)

```
45 test.skip('Prevent students from joining consultations with different lecturers simultaneously', async () => {
46   test.slow(40000)
47   const browser = await chromium.launch({ headless: false })
48   const context = await browser.newContext()
49   const page = await context.newPage()
50
51   await page.goto('http://localhost:3000')
52
53   // Test scenario 1
54   await page.getByLabel('Username or email address').click()
55   await page.getByLabel('Username or email address').fill('2305164@students.wits.ac.za')
56   await page.getByLabel('Password').click()
57   await page.getByLabel('Password').fill('j5jf4ZTXE2eUx3-')
58   await page.getByRole('button', { name: 'Continue', exact: true }).click()
59
60   await page.click('#teacherList')
61   await page.selectOption('#teacherList', 'Jane Smith')
62
63   // Check that the teacher is selected
64   const selectedTeacher = await page.$eval('#teacherList', el => el.value)
65   expect(selectedTeacher).toBe('Jane.Smith@wits.ac.za')
66
67   await page.click('#existingConsultations')
68   await page.selectOption('#existingConsultations', '2023-05-31')
69
70   await page.click('#bookButton')
71
72   await page.waitForTimeout(25000)
73   const message = await page.$eval('#messageContainer', el => el.textContent)
74
75   // Expect the message to contain the expected text
76   expect(message).toContain('Already has a consultation booked with Jane Smith on 2023-05-31 at 11:30 - 12:00')
77
78   await page.close()
79   await context.close()
80   await browser.close()
81 })
```

PLAYWRIGHT TEST RESULTS (2)

<input type="text" value="Q"/>		All 3	Passed 3	Failed 0	Flaky 0	Skipped 0
Total time: 2.9m						
▼ example.spec.js						
✓	Prevent students from Joining consultations with different lecturers simultaneously	chromium	1.4m			
	example.spec.js:99					
✓	Prevent students from Joining consultations with different lecturers simultaneously	firefox	1.4m			
	example.spec.js:99					
✓	Prevent students from Joining consultations with different lecturers simultaneously	webkit	1.3m			
	example.spec.js:99					



All 3

Passed 3

Failed 0

Flaky 0

Skipped 0

Prevent students from Joining consultations with different lecturers simultaneously

example.spec.js:99

1.4m

chromium

Annotations

slow

✓ Run

Test Steps

✓ Before Hooks	209ms
> ✓ browserType.launch — example.spec.js:101	6.6s
> ✓ browser.newContext — example.spec.js:102	105ms
> ✓ browserContext.newPage — example.spec.js:103	2.2s
> ✓ page.goto(http://localhost:3000) — example.spec.js:105	2.2s
> ✓ locator.getByLabel('Username or email address').click — example.spec.js:108	926ms
> ✓ locator.getByLabel('Username or email address').fill — example.spec.js:109	108ms
> ✓ locator.getByLabel('Password').click — example.spec.js:110	268ms
> ✓ locator.getByLabel('Password').fill — example.spec.js:111	151ms
> ✓ locator.getByRole('button', { name: 'Continue', exact: true }).click — example.spec.js:112	1.2s
> ✓ page.click(#teacherList) — example.spec.js:114	6.4s
> ✓ page.selectOption(#teacherList) — example.spec.js:115	31ms
> ✓ page.\$eval(#teacherList) — example.spec.js:118	124ms
> ✓ expect.toBe — example.spec.js:119	1ms
> ✓ page.click(#existingConsultations) — example.spec.js:121	209ms
> ✓ page.selectOption(#existingConsultations) — example.spec.js:122	251ms
> ✓ page.click(#bookButton) — example.spec.js:124	128ms
> ✓ page.waitForTimeout — example.spec.js:126	25.0s
> ✓ page.\$eval(#messageContainer) — example.spec.js:127	18ms
> ✓ expect.toContain — example.spec.js:130	2ms
> ✓ page.close — example.spec.js:132	15ms
> ✓ browserContext.close — example.spec.js:133	309ms
> ✓ browser.close — example.spec.js:134	37.0s
✓ After Hooks	12ms



All 3 Passed 3 Failed 0 Flaky 0 Skipped 0

Prevent students from Joining consultations with different lecturers simultaneously

example.spec.js:99

1.4m

firefox

Annotations

slow

Run

Test Steps

✓ Before Hooks	160ms
> ✓ browserType.launch — example.spec.js:101	4.7s
> ✓ browser.newContext — example.spec.js:102	63ms
> ✓ browserContext.newPage — example.spec.js:103	1.0s
> ✓ page.goto(http://localhost:3000) — example.spec.js:105	2.4s
> ✓ locator.getByLabel('Username or email address').click — example.spec.js:108	1.2s
> ✓ locator.getByLabel('Username or email address').fill — example.spec.js:109	256ms
> ✓ locator.getByLabel('Password').click — example.spec.js:110	289ms
> ✓ locator.getByLabel('Password').fill — example.spec.js:111	366ms
> ✓ locator.getByRole('button', { name: 'Continue', exact: true }).click — example.spec.js:112	2.5s
> ✓ page.click(#teacherList) — example.spec.js:114	3.3s
> ✓ page.selectOption(#teacherList) — example.spec.js:115	189ms
> ✓ page.\$eval(#teacherList) — example.spec.js:118	167ms
> ✓ expect.toBe — example.spec.js:119	2ms
> ✓ page.click(#existingConsultations) — example.spec.js:121	554ms
> ✓ page.selectOption(#existingConsultations) — example.spec.js:122	330ms
> ✓ page.click(#bookButton) — example.spec.js:124	2.7s
> ✓ page.waitForTimeout — example.spec.js:126	25.0s
> ✓ page.\$eval(#messageContainer) — example.spec.js:127	119ms
> ✓ expect.toContain — example.spec.js:130	2ms
> ✓ page.close — example.spec.js:132	31ms
> ✓ browserContext.close — example.spec.js:133	132ms
> ✓ browser.close — example.spec.js:134	39.3s
✓ After Hooks	10ms



All 3

Passed 3

Failed 0

Flaky 0

Skipped 0

Prevent students from Joining consultations with different lecturers simultaneously

example.spec.js:99

1.3m

webkit

Annotations

slow

✓ Run

Test Steps

✓ Before Hooks	153ms
> ✓ browserType.launch — example.spec.js:101	4.4s
> ✓ browser.newContext — example.spec.js:102	68ms
> ✓ browserContext.newPage — example.spec.js:103	941ms
> ✓ page.goto(http://localhost:3000) — example.spec.js:105	1.8s
> ✓ locator.getByLabel('Username or email address').click — example.spec.js:108	916ms
> ✓ locator.getByLabel('Username or email address').fill — example.spec.js:109	263ms
> ✓ locator.getByLabel('Password').click — example.spec.js:110	393ms
> ✓ locator.getByLabel('Password').fill — example.spec.js:111	267ms
> ✓ locator.getByRole('button', { name: 'Continue', exact: true }).click — example.spec.js:112	1.6s
> ✓ page.click(#teacherList) — example.spec.js:114	2.9s
> ✓ page.selectOption(#teacherList) — example.spec.js:115	174ms
> ✓ page.\$eval(#teacherList) — example.spec.js:118	157ms
> ✓ expect.toBe — example.spec.js:119	2ms
> ✓ page.click(#existingConsultations) — example.spec.js:121	447ms
> ✓ page.selectOption(#existingConsultations) — example.spec.js:122	264ms
> ✓ page.click(#bookButton) — example.spec.js:124	361ms
> ✓ page.waitForTimeout — example.spec.js:126	25.0s
> ✓ page.\$eval(#messageContainer) — example.spec.js:127	87ms
> ✓ expect.toContain — example.spec.js:130	2ms
> ✓ page.close — example.spec.js:132	24ms
> ✓ browserContext.close — example.spec.js:133	190ms
> ✓ browser.close — example.spec.js:134	37.4s
✓ After Hooks	11ms