PLAYWRIGHT TEST CODE

```
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('j5jf4ZTXE2eUx3-')
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

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

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

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