

Coursera

Coursera is a global online learning platform dedicated to making quality education accessible to anyone, anywhere, at any time. In our testing, we focused on ensuring a seamless and user-friendly experience, particularly in areas like registration, course search, purchasing, and payment verification. This approach helps to ensure that Coursera meets high expectations and provides an accessible, efficient learning experience for users worldwide.



1 Registration Form:

Verify the registration process works smoothly, as it's the entry point for new users.

2 Language Switching:

Ensure users can switch languages seamlessly to support Coursera's global audience.

3 Purchase Functionality:

Test that course purchases complete successfully, enabling uninterrupted access for paid courses.

4 Search Functionality:

Confirm search results are accurate, helping users find relevant courses quickly.

5 Payment Verification:

Validate secure and reliable payment processing, essential for a seamless buying experience.

6 Site Navigation:

Ensure users can navigate smoothly between key sections, improving the overall user experience.

7 Degree Program Filter:

Check that filters for degree levels work, allowing users to find specific academic programs.

8 Course Content Accuracy:

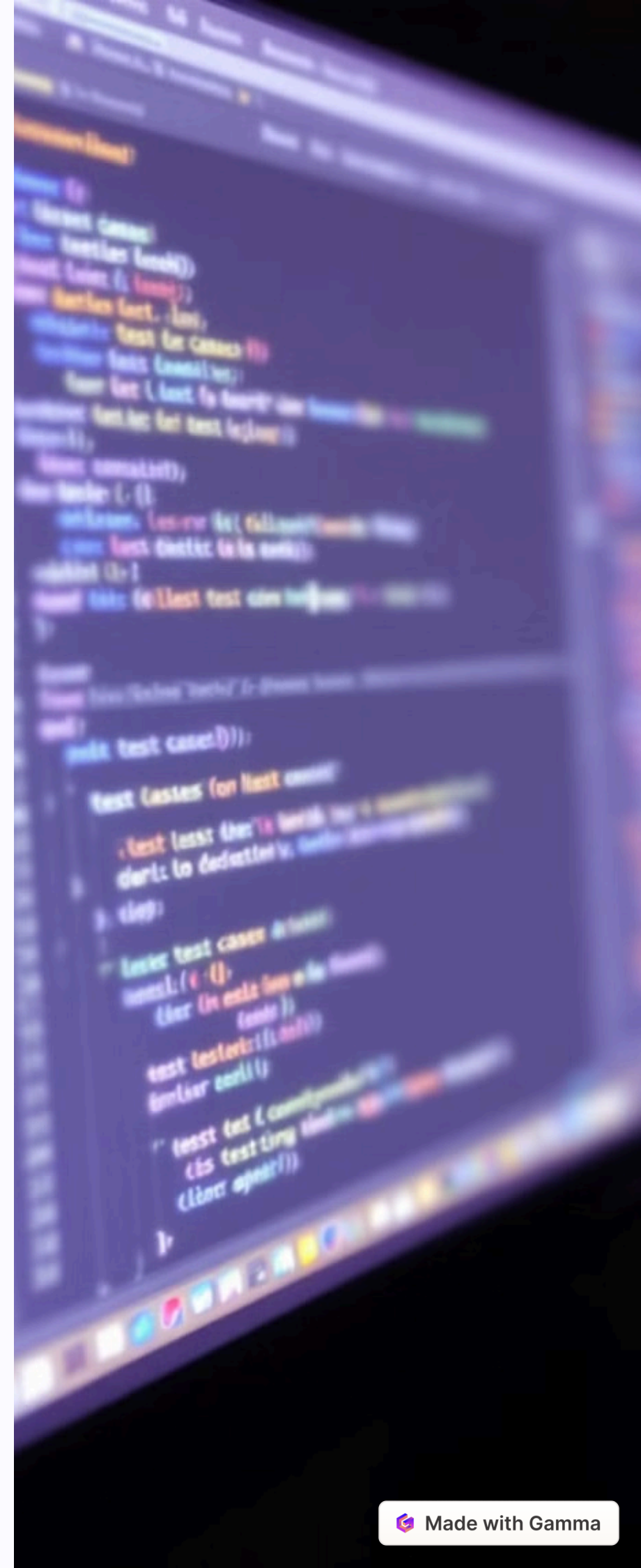
Ensure course content matches its title, maintaining credibility and user trust.

9 Profile Settings:

Verify that profile updates save correctly, allowing users to manage their information.

10 Page Responsiveness:

Test that pages display well across devices, ensuring usability for all users.



Challenge:

An attempt to locate and click the buttons didn't work.

Upon investigation, it was found that there is an additional button with the same attributes, but its content is null, which is why we couldn't interact with the correct button.

Solution:

We captured all the options and added them to a list, then iterated through the list and selected only the button that is displayed.

Code:

```
List<WebElement> elements =  
driver.findElements(addWorkPreferencesButt  
on);  
  
for (WebElement element : elements) {  
    if (element.isDisplayed()) {  
element.click();  
        break;  
    }  
}
```

Option 1:

```
element.clear();
```

Option 2:

```
element.sendKeys  
(Keys.BACK_SPACE);
```

Option 3:

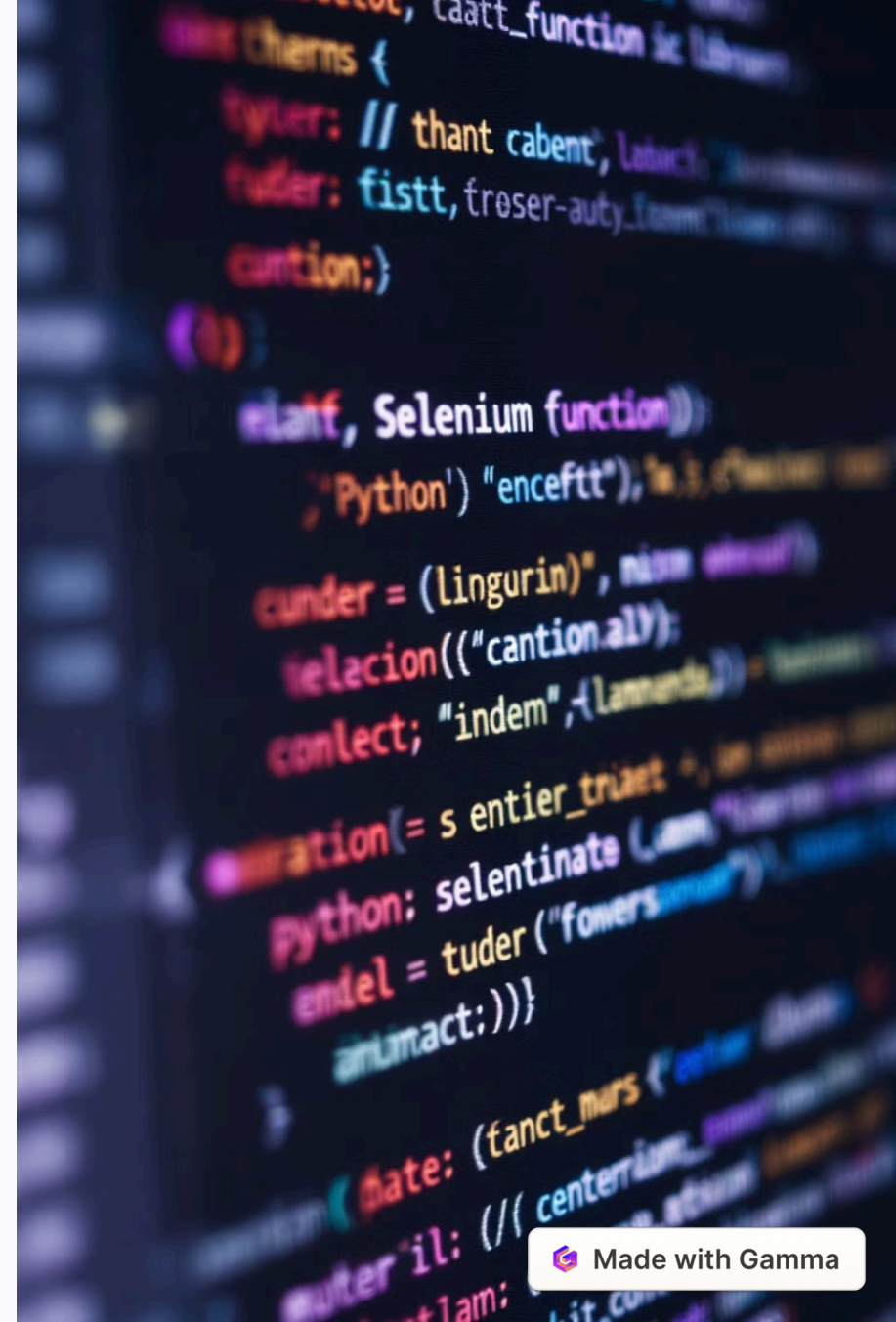
```
try {  
    Thread.sleep(200);  
} catch (InterruptedException e)  
{  
    e.printStackTrace();  
}
```

Option 4:

```
JavascriptExecutor js =  
(JavascriptExecutor) driver;  
js.executeScript("arguments  
[0].value = ";", element);
```

final code:

```
element.sendKeys(Keys.chord(Keys.CONTROL, "a"));
```



Thank You!!

