

Selenium

Automated Web UI Testing

Structure

Introduction:
UI Testing

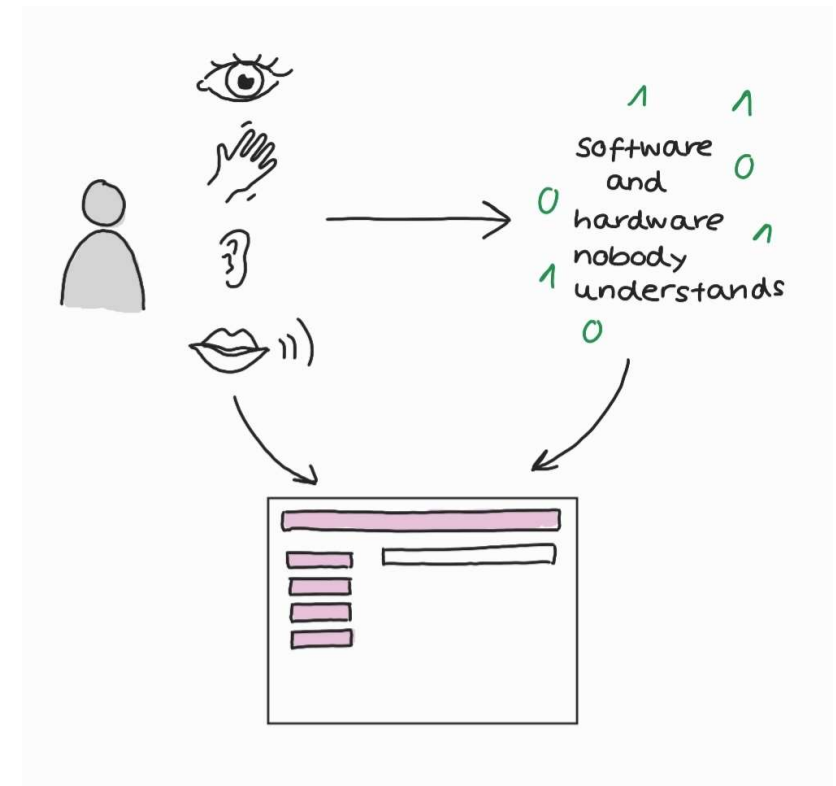
**Starting with
Selenium:**
Selenium
Requirements

Project Design:
Page Object Model

UI Testing

Why does UI have to be tested?

- **Functionality**
- **Usability**
Does navigation make sense?
- **Compatibility**
Can I use the application on different devices?
- **Accessibility**
Is my application accessible to all sets of people?



UI Testing

How can UI be tested?

- Manual UI Testing
 - Clicking through an application
- Automated UI Testing
 - Writing a program to click through an application

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Selenium Requirements

In the project's properties

Java Project

```
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.chrome.ChromeDriver;  
  
static WebDriver driver = new ChromeDriver();
```

External libraries
Selenium Webdriver

chromedriver.exe
Chrome Driver

```
System.setProperty("webdriver.chrome.driver", "<directory>");
```

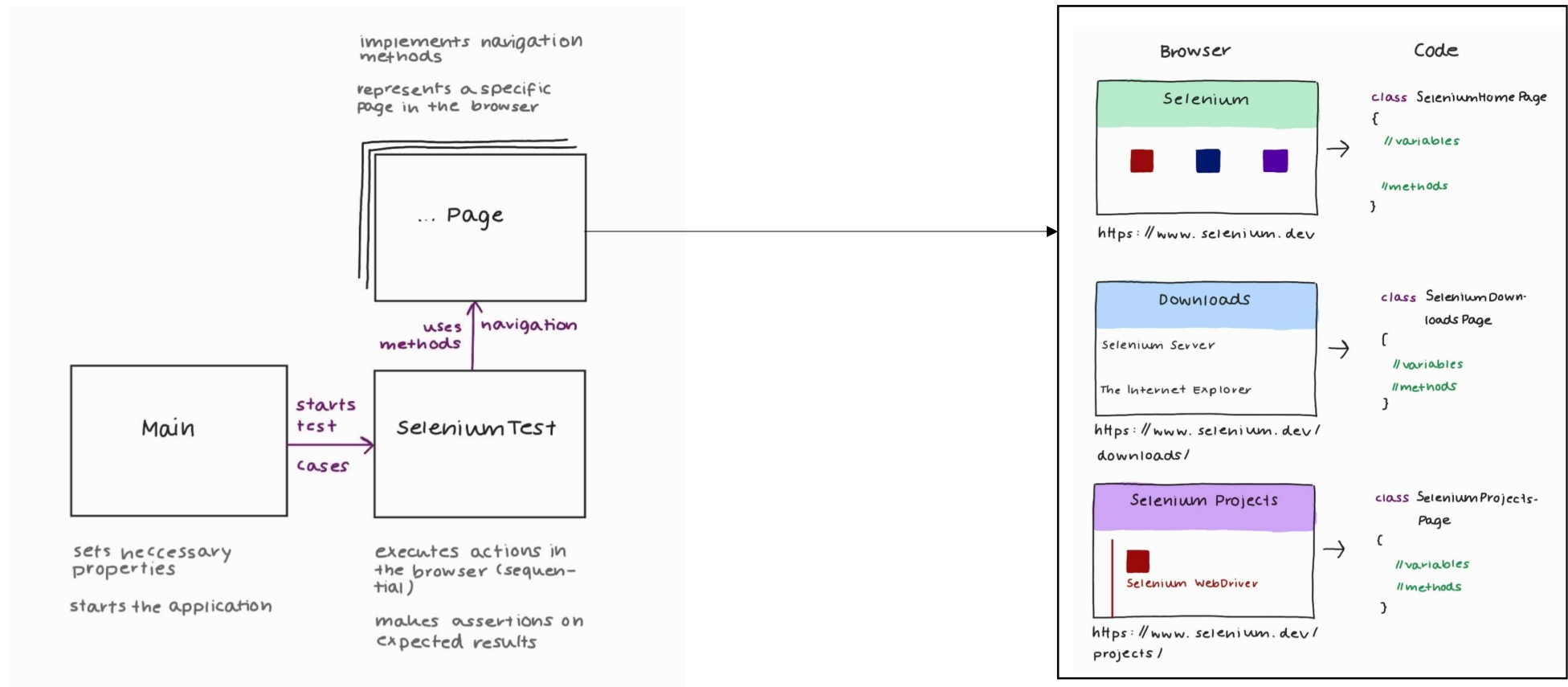
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