Selenium

Automated Web UI Testing
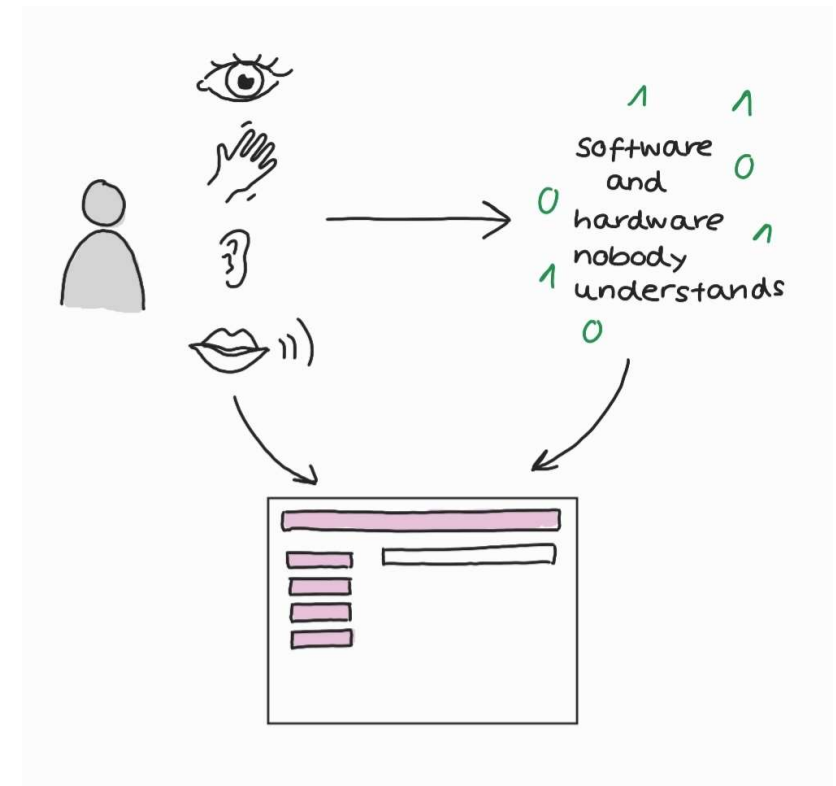
Structure

Introduction:
UI Testing

Starting with Selenium:
Selenium Requirements

Project Design:
Page Object Model

UI Testing

Why does UI have to be tested?

- Usability

   Does navigation make sence?

- 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

Structure

Introduction:
UI Testing

Starting with Selenium:
Selenium Requirements

Project Design:
Page Object Model

Selenium Requirements

In the project's properties

Java Project

```java
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

static WebDriver driver = new ChromeDriver();
```

External libraries
Selenium Webdriver

chromedriver.exe
Chrome Driver

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

Structure

Introduction:
UI Testing

Starting with Selenium:
Selenium Requirements

Project Design:
Page Object Model

Page Object Model