# Automation Test Assignment

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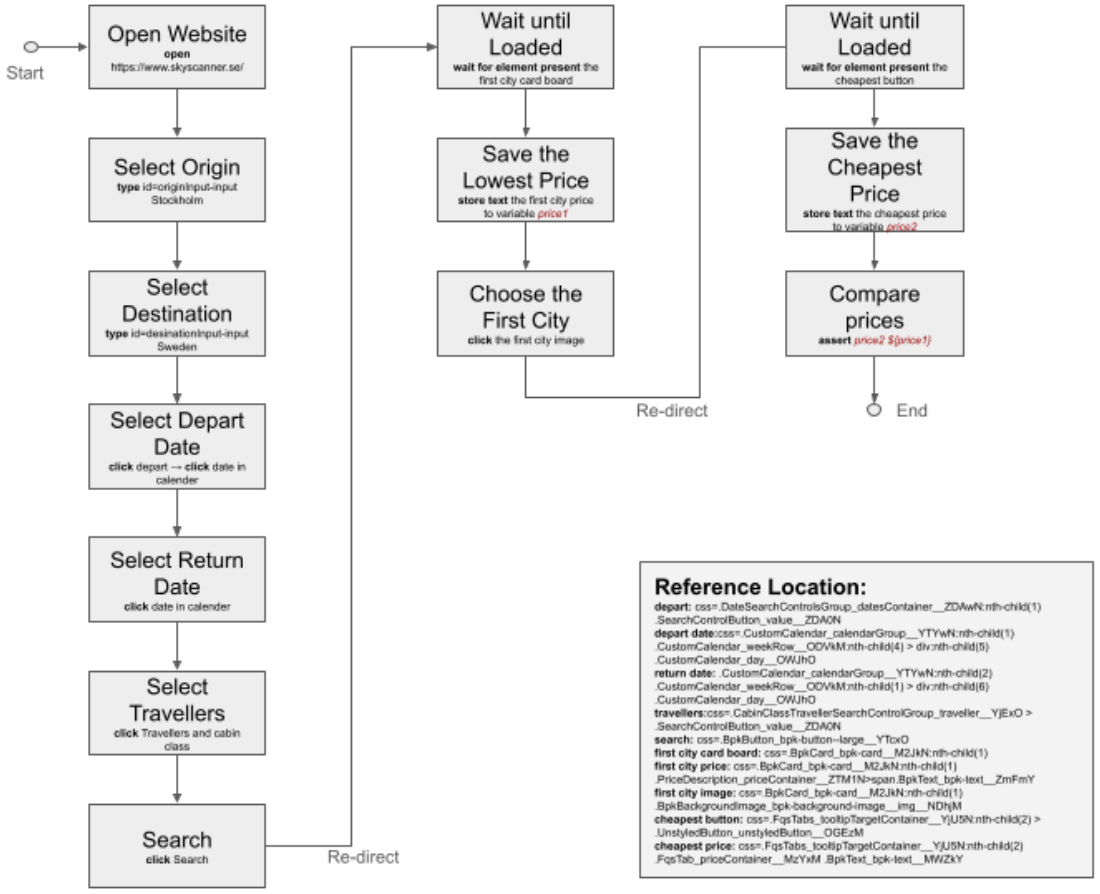
## Choosen Tool:

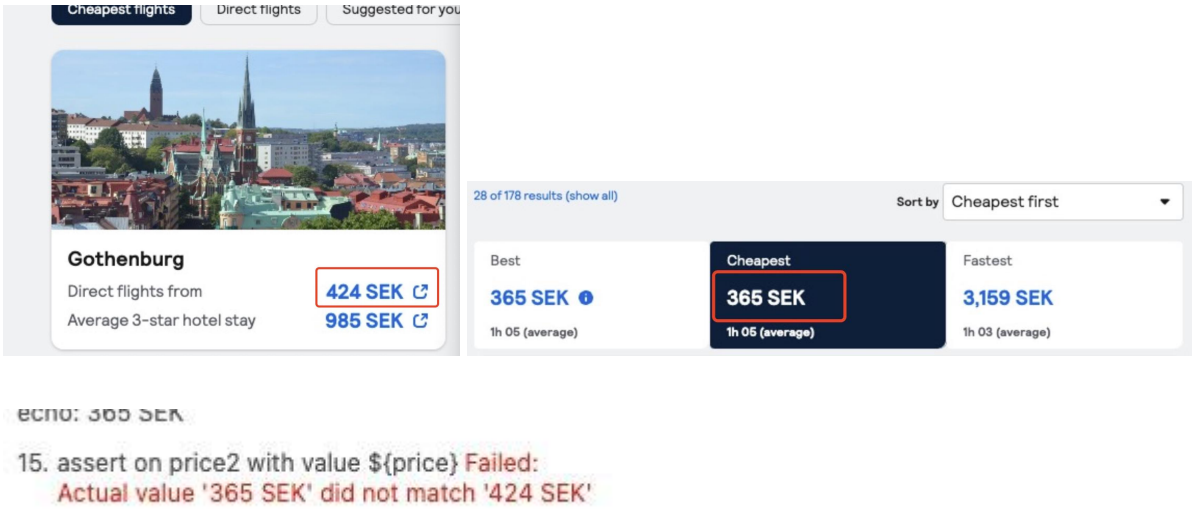
Testing tool: Selenium IDE

Browser: Google Chrome

## General Logic:



# Result:



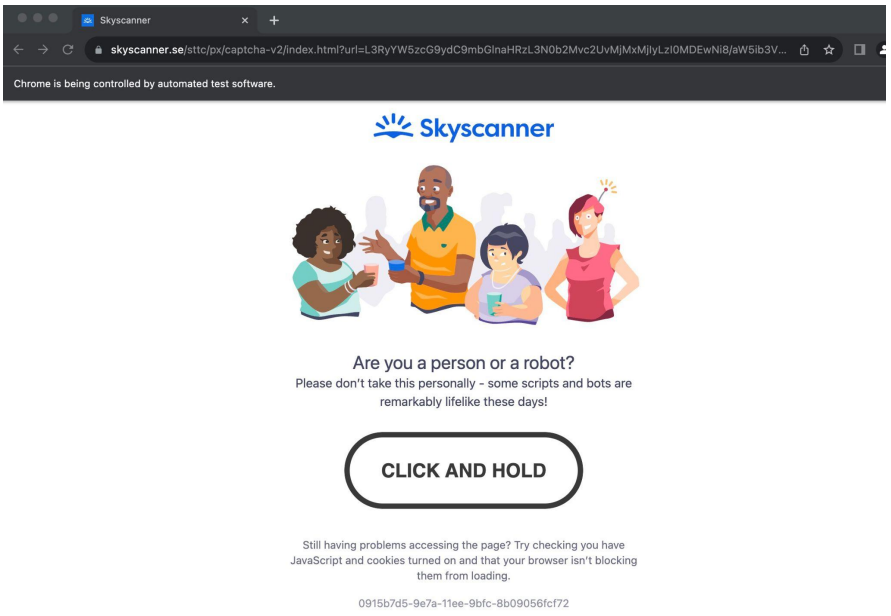

echo: 365 SEK

15. assert on price2 with value ${price} Failed:
Actual value '365 SEK' did not match '424 SEK'

# Challanges:

1. **Robot Check from Skyscanner of Selenium Webdriver through Python:**

During the implementation of automation tests utilizing the Python-based Selenium WebDriver, the biggest roadblock is the robot check protocol employed by the Skyscanner website. This obstacle blocks the execution and evaluation of automation code. As a result, I changed to Selenium IDE due to its capacity to simulate human actions such as the movement of the mouse, which avoids the robot check issue.



2. **Outdated Online Tutorials comparing with Selenium WebDriver Library Updates:**

The Selenium WebDriver library had some recent updates for the past few months. Therefore, lots of online tutorials are not executable with the current library which cost me additional time to search for relevant documentation and solve the bugs.

3. **Difficulties of Localization on Target Elements within HTML**

Firstly, due to the complexity of the origin HTML code and the limited familiarity of the tool, a lot of efforts were taken to locate and validate the elements such as a sequential exploration of upper classes, and utilization of commands “echo” and “assert element present” to verify. Secondly, the website is dynamic and it may display different formats or elements, which causes a lot of recurrent relocation of target elements during test procedures.