**NCL Automation coding challenge**

We would like to give you opportunity to show us how comfortable you are with writing code and creating automation framework from scratch.

You are free to code on any language and use any technologies you prefer. Please prepare to discuss any choices you made. We don’t want you to go crazy and spend nights trying to automate everything, but just give us enough to start meaningful conversation.

**Business justification**

We would like to provide our guests best web experience and allow them to plan, prepare and book their next best vacation. As soon as they land on our home page, they should be able to make up their mind and decide “Why Norwegian”, “Explore” what Norwegian can offer to them and start searching for their next cruise.

**Task**

Please pick any scenario and automate using any language or tool.

Keep your code clean, easy to understand, maintain and reuse.

When completed please upload to your github account and provide link to the repository.

Test data:

URL: <https://www.ncl.com/>

Port of Departure: Honolulu

**Scenario 1:** Guest explores Ports of Departure

GIVEN a Guest

AND I am on Homepage

AND I navigated to “Ports” page

WHEN I search for “Honolulu” port

THEN Map zoomed to show selected port

AND Port is on the middle of the map

AND Port displayed as “Port Of Departure”

A screenshot of a cell phone

Description automatically generated

Prerequisites:

URL: <https://www.ncl.com/>

Destination: Alaska Cruises

Port Regions: Alaska, British Columbia

**Scenario 2:** Guest explores shore excursions destinations

GIVEN a Guest

AND I am on Homepage

AND I navigated to “Shore Excursion” page

WHEN I search for destination “Alaska Cruises”

THEN Shore Excursions page is present

AND Results are filtered by “Alaska Cruises”

AND Filter By Ports are only belong to “Alaska, British Columbia”

A screenshot of a computer screen

Description automatically generated

**Scenario 3:** Guest filters shore excursions results using price range

Prerequisites:

URL: <https://www.ncl.com/>

Price range: $0-$30

GIVEN a Guest

AND I am on Homepage

AND I navigated to “Shore Excursion” page

AND I click Find Excursions

AND Shore Excursions page is present

WHEN Price range is filtered to “$0-$30”

THEN Only shore excursions within range are displayed

A screenshot of a cell phone

Description automatically generated