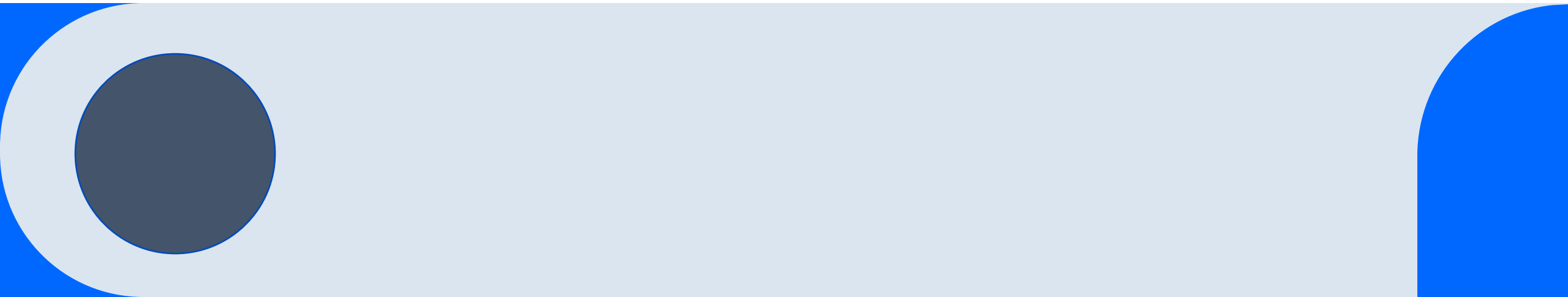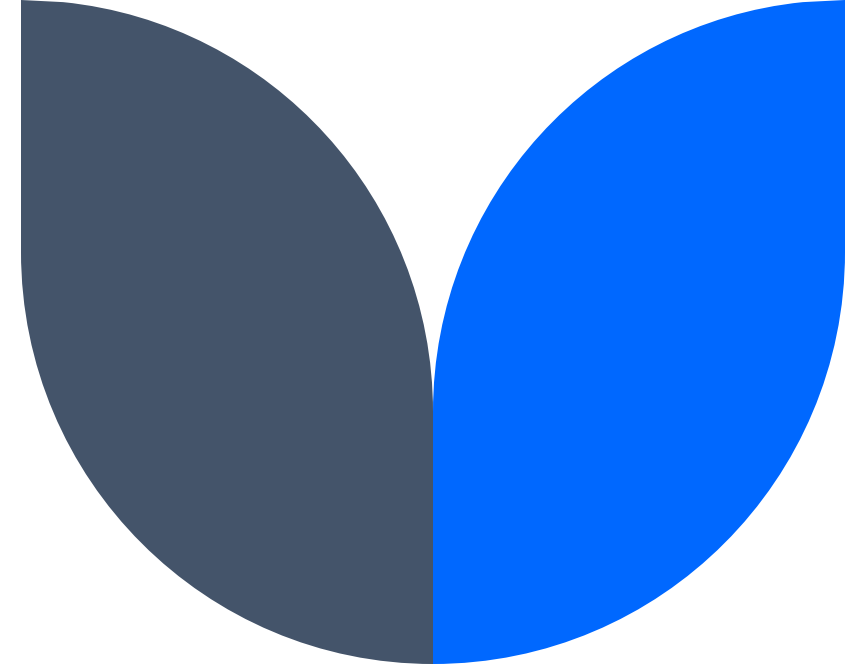# Circula Assesment WalkThrough

Detailed Checklist and Automation tests results

By: Megha Vernekar

Agenda

- Introduction & Problem Statement
- Approach and Thought Process
- Tools and Framework
- Others

Introduction & Problem Statement

1. **Objective**: Generate detailed checklists for Task-1, Task-2 and Task-3 and automation framework for Task-1

2. Detailed checklist with all verifications required for the provided functionality.

3. Writing automation tests for some of Task-1 which involves validation of signUp page.

Approach and Thought Process

1. Brainstorming:
   o Checked the given document with source link and went through it
   o Made a detailed plan as to how to approach the problem

2. Divided the implementation task into multiple sub-tasks and addressed them accordingly
   o Designed detailed checklists for all the tasks(1, 2 & 3)
   o Designed and developed automation framework for Task-1
   o Wrote and executed the automated tests for Task-1
   o Documented the results

Tools and Framework

1. Language: JavaScript

2. Framework: Playwright, BDD(Cucumber)

3. Build Tool and package manager: Node(NPX, NPM)

4. Version Control : GitHub

5. IDE: VSCODE

6. Additional Libraries: chai, cucumber-html-reporter

Others

1. Automation framework scripts have **only been** addressed according to the tasks. This involves adding country(Sweden) in the signUp page.

2. The automation scripts could have been expanded to have all possible validations of the signIn and signUp page which involves validations in the "Contact-Details" page and "Start your free trail" page, but however this has been not opted as this was not the scope of the task.

3. Please note, I have aligned myself to the expectations set. If here and there, if you feel that anything is missing I would like you to please kindly approach it as not an inability of an QA engineer but rather an subjective expectation which could differ. I am very much capable QA and a person of clear communication with growth mindset.

Thank You

Megha Vernekar