Test Plan

Challenge I

Intro

This test plan covers the basics of my approach, planning and thought process for this QA challenge. The focus of testing will be on http://automationpractice.com website, a clothing webshop, and testing some basic REST API methods on https://reqres.in/api/ url.

The main objective is to automate the given tasks, verify given scenarios and provide generated reports.

Scope

The scope of first challenge verifies the following:

- Account registration and validation,
- Item number on homepage verification,
- Possibility of saving search result titles into a .txt file.

The scope of second challenge verifies the following

- GET method (of users),
- GET method (of users) but with delay of response time,
- POST method (creating a user),
- DELETE method (deleting a user),

Technology

Technology stack that will be used for the first challenge is Java with the TestNG framework and Selenium WebDriver (Chrome). The reason I work with Java is because I'm somewhat familiar with the programming aspect with it, and TestNG because I haven't used it earlier, and it is a good opportunity to learn something from all of this.

Technology stack that will be used for the second challenge is Java with the TestNG framework and REST Assured library to test REST methods. I will also use Postman to manually verify responses.

Objective

My goal is to automate every given task with as much precision as possible. The biggest focus is to automate all the given tasks and improve code quality and add more cases 'on the go'. The primary objective is to write a code that works, however I will try my best to write maintainable, easy to read, non-redundant code.