Test Strategy

**Goal:**

Write automated test cased for Log in and Create account functionality of the Online shop site, developed for automation practice (automationpractice.com). And in addition, cover some of the most popular user flows on the site.

**Technology used for creating automation tests:**

* + JavaScript programming language
  + Cypress Testing Framework
  + Mocha JS framework

**Scope:**

* Log in tests: one positive and multiple negative
* Account creation tests: one positive case of successful creation and multiple negative scenarios
* Most popular use cases on the site:
  + Purchase a product without being logged in
  + Purchase a product without having an account
  + Purchase a product while being logged in

**Checklist of automated tests:**

(P) – positive test case   
(N) – negative test case

**Log in:**

1. Successful log in (P)
2. Log in with wrong email (N)
3. Log in with wrong password (N)
4. Log in without email (N)
5. Log in without password (N)
6. Log in without email and password (N)

**Account creation:**

1. Successful account creation (P)
2. Create account with already registered email (N)
3. Create account without first name (N)
4. Create account without last name (N)
5. Create account without email (N)
6. Create account without password (N)
7. Create account with future date of birth (N)
8. Create account with empty First name field in Address section (N)
9. Create account with empty Last name field in Address section (N)
10. Create account without address (N)
11. Create account without city (N)
12. Create account without state (N)
13. Create account without post code (N)
14. Create account without country (N)
15. Create account without phone number (N)

**Popular use cases:**

1. Add a product to the cart without being logged in (P)
2. Add a product to the cart without having an account (P)
3. Add a product to the cart while being logged in (P)