PROJECT PLAN

ID: 1.0

Introduction: The goal of the project is to automate a set of GUI smoke tests for the following web application: http://shop.demoqa.com/. It is a demo application representing an online store selling clothes.

Items to be automated:

1. My Account
    i. Registration form
    ii. Login form
2. My Wishlist
    i. Removal of products from the wishlist
    ii. Movement to product options
3. Shopping cart
    i. Shopping cart update
    ii. Shopping cart clearance
    iii. Choosing 'continue shopping' option
    iv. Proceeding to the checkout
    v. Removal of products from the shopping cart
4. Checkout
    i. Billing details form
    ii. Order placement
5. Search field
    i. Product searching functionality
6. Product page
    i. Selection of product specification (size, colour)
    ii. Adding products to the shopping cart
    iii. Adding products to the wishlist
7. Switching between tabs: Checkout, My Account, Wishlist, Cart

Tasks:

- check whether the basic paths of the application, which are most frequently used by users, work properly
- automate basic paths of the application in accordance with Page Object Model
- make the automated tests work in Chrome and Firefox
- enable running test in a headless mode
- make it possible to present test reports in allure

Environment: Google Chrome 81.0.4044.122 (PC), Mozilla Firefox 75.0 (PC)