

Name: Sandy Ratuiste

1.) Create the high-level steps in converting Manual test cases’ steps into automated scripts.

Test Scenario	Pre-condition	Steps	Test Data	Expected Result	Actual Result
Check Successfully added to Cart	User is in Amazon Main page	User search the product User select the product User click Add to Cart button Go to Shopping cart page	" Echo Dot (3rd Gen) Charcoal with Echo Auto " " Dell XPS 9300 "	" Added to Cart" message should be displayed Selected product shoould be in Shopping cart page	
Searching Any Product filter by number of stars and brand.	User is in Amazon Main page	User search the product User click the customer ratinga star icon User click the brand name	Product stars brand laptop 1 Acer laptop 4 Dell laptop 3 Samsung laptop 2 HP		
Check Successfully added to Cart via Category	User is in Amazon Main page	User navigate to the Shop by category menu User select the product User click Add to Cart button Go to Shopping cart page	Echo Show 5 Echo Show 8	" Added to Cart" message should be displayed Selected product shoould be in Shopping cart page	

2) Create automated scripts for e-commerce website: <https://www.amazon.com>

Source code of automated script can be found at <https://github.com/threno/Exam07272020.git>

3.) Create detail test assessment of automated scripts.

The script composed of selenium, java, cucumber and Junit. The script was design in BDD approach and Data driver by using cucumber frameworks. The script was design in modular structure, the construction of webdriver, page factory, configuration and other utilities was implemented in separate packages/locations.

The "addtocart.feature" was a cucumber file, it contains all the test suite of the automated script. It connects to "AddToCartSteps.java", using the cucumber annotation, it access the methods of to "AddToCartSteps.java". Each most the methods of "AddToCartSteps.java", was redefine in "AmazonMainPage.java" using page factory, so that the code was manageable and reusable. The script was also configurable, the url, browse type and driver location can be configure in "amazonconfig.properties"