**Case Study – Automation using Selenium – TestNG**

Ebay.com is one of the top e business companies. It has a huge customer base and the maintenance Team should make sure that the website is available 24/7. Using the automation team’s help , any changes to the website is closely monitored and Regression tested before the release.

The following functionalities are very important

1. Home page

**Smoke Tests**

* 1. Title must have eBay as a keyword
  2. The logo of the website should be on the top left corner
  3. Search box and button should exist
  4. Time display should be checked for format hh:mm:ss for any time displayed

**Sanity Test**

* 1. Search functionality should be checked with Valid keyword “Laptop” and invalid keyword “asdfdfdsfs”

**Regression Test**

Those functionalities which are impacted by the changes to be selected from time to time

End to End Testing needs to be done to ensure that all basic flows are covered by testing and no functionalities are breaking.

It starts with the login and ends with a customer selecting an item, adding to cart and checkout process

Note:

Since eBay is an operationally live website, we shall not test the Registration and Sign in feature in this site.

However, we could use the herokuapp login website to test the login feature , as the aim is to be able to identify the web elements using several locator strategies and test the process.