

# AUTOMATION TEST ON ECOMMERCE WEBSITE “TUTORIALS NINJA”

-By Shrijana Tandukar

This document is intended solely to provide an understanding of the project and its code. It is meant for informational purposes only.

# TABLE OF CONTENTS

**INTRODUCTION.....4**

**OBJECTIVE.....4**

**PROJECT NAME.....4**

**CLASS NAMES.....4**

**WORKFLOW OF CODE.....4**

**FINDINGS..... 5**

# INTRODUCTION

This Maven project is designed for automation testing using Java and Selenium WebDriver on the Tutorialsninja ecommerce website. It focuses on validating the website's features(register account, add to cart, search product, cart) , identifying bugs, ensuring reliability, and improving the overall user experience by detecting issues at an early stage.

## OBJECTIVE

- The automation testing is performed to identify bugs in the website and ensure its functionality, reliability, and performance.

## PROJECT NAME

1. ecommerce\_website\_test

## CLASS NAMES

1. DriverSetup
2. AlertMessagePrint
3. RegisterAccount
4. AddToCart
5. SearchItems
6. Cart

## WORKFLOW OF CODE

1. Firstly, the chrome is opened and the homepage of the website is opened using the url "<https://tutorialsninja.com/demo/index.php?route=common/home>".
2. Then, the first product on the homepage is clicked and the product is added to cart via the item page after the quantity is updated to 2.
3. After that an account is registered which throws a confirmation message which is printed.
4. Then an item is searched through the Search button and the product is added to cart.
5. Step 4 is repeated.
6. Again, an item is searched through the Search button, the filters are applied, the product is added to cart via the item page after the quantity is updated to 2.
7. Then, the cart is opened.
8. The quantity of the first product in the cart is updated to 3.
9. The first product in the cart is removed.
10. Then, the "Use Coupon Code" is filled and applied. A confirmation message is shown.
11. The "Estimate Shipping & Taxes" is filled and applied. A confirmation message is shown.

12. The "Use Gift Certificate" is filled and applied. A confirmation message is shown.
13. Finally, the checkout button is clicked.
14. The product is clicked which navigates to the Product page.

## EXECUTION

To Run:

Go to testng.xml

Run

## FINDINGS

1. There aren't many items on the website so many functions could not be checked.
2. The product added to cart before the cart can be seen on the cart after registering. -> Users should not be allowed to add to cart before registering or logging in.
3. Search suggestions are not shown.
4. There are 2 buttons for the cart. It can be reduced to one.
5. All products shown on the website are out of stock in availability hence cannot checkout.