**TEST PLAN FOR NEWLY ADDED E-COMMERCE PAGE**

**Application:- E-Commerce** [**(Flipkart)**](https://flipkart.com/mivi-duopods-k4-tws-rich-bass-50h-playtime-ai-enc-low-latency-type-c-5-3-bt-earbuds-bluetooth-gaming/p/itm377fc213a2bc4?pid=ACCGPYGHRCW7TFJG&lid=LSTACCGPYGHRCW7TFJGU7S436&marketplace=FLIPKART&store=0pm%2Ffcn&srno=b_1_1&otracker=browse&fm=organic&iid=en_4CqSf48BmzQPo0K90idlJvTp6No6Vv9c9aFyLk9hQQaQG90PbA0FJiiilqKr2BBT3c5WL8bNepCC3FtoiSO0T_UFjCTyOHoHZs-Z5_PS_w0%3D&ppt=browse&ppn=browse&ssid=gzw084gwwg0000001725959920452) **Date:- Sep 12, 2024  
Module:- Newly Added E-Commerce Page (New Product Page)**

**Test Case Link:-** [**Click Here**](https://docs.google.com/spreadsheets/d/1BMOyGNXFBsc0QHSlRqQ6HsamUWYPtiu8YcKvdjBnIHA/edit?usp=sharing) ***(Please Go Through this Link)***

**Prepared By:- Pradeep Kumar Sahoo**

**Introduction**

**In the Flipkart e-commerce platform added a new product page and this   
 page is scheduled for launch within 7 days. Testing will focus on functionality,  
 performance, security, responsive & compatibility, regression, and security   
 testing to ensure a smooth launch with a good user experience.**

* **Objectives**
* Ensure that the product page is fully functional without any issues.
* To Verify that the page is responsive and compatible on multiple devices and browsers.
* To Verify that the page and application performance under different load conditions.
* Verify the security of personal data like; user information, payment details, etc..
* **Test Perform**
* Functional Testing
* Performance Testing (Using tools like; JMeter, and LoadRunner)
* Responsive & Compatibility Testing
* Regression Testing
* Security Testing
* **Test Strategy**
* **Functional Testing**:- Test all the functionalities of the product page is working fine. **(Like Add to Cart, Buy Now, Rate product, color, Pincode, Etc.. )**
* **Performance Testing**:- Test that pages are performed as it is in various load conditions using different load testing tools.
* **Responsive & Compatibility Testing**:- Test the page on multiple devices, different screen resolutions, and different browsers to check that the page is opened and all layout and features are as it is.
* **Regression Testing**:- Ensure that other related pages do not affect this newly added page and that all functionalities are working fine.
* **Security Testing**:- Ensure that all data is protected and secure to verify this do **Penetration Testing**.
* **Test Environment**
* **Devices**:- SmartPhone, Desktop
* **OS**:- Android, Windows, IOS, Mac
* **Browser**:- Chrome, Firefox, Edge, Safari
* **Risk**
* The timeline of 7 days might miss some testing.
* Unexpected issues might come on the launch day due to an increase in the user count.
* **Mitigation**
* Prioritize critical test cases
* Analyze the site before lunch for any issues.
* **Note:-**   
  A. All bugs are fixed and tested before launching the new e-commerce page.

B. The newly added page most passes in all test cases.

C. All the Basic and important features are thoroughly tested.