TEST PLAN
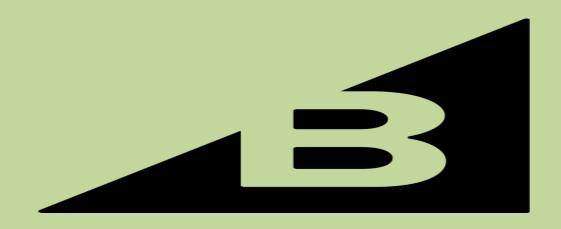## Project Name: Big Commerce Web Application

BIG COMMERCE

Prepared By:
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Date:
04 OCT 2024

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Introduction

Big Commerce is an easy-to-use e-commerce platform designed for businesses of all sizes to create online stores. It offers flexible tools to customize your shop, manage products, and grow your sales across multiple channels. With built-in features like payment integration, shipping, and marketing tools, BigCommerce helps simplify the process of running an online business. It's great for both new entrepreneurs and established brands looking for a scalable solution.

AUT: https://www.bigcommerce.com/

Objective

- To ensure the functionalities of key features such as product search, add to cart, checkout and account management etc.
- To confirm compatibility with different browsers.

Scope

This test plan covers only functional testing and compatibility testing of the Big Commerce web application across different browsers.

Testable Features

- SignUp
- Login
- Forgot password
- New user
- Homepage
- Homepage links redirect
- Plans and pricing
- BIG Commerce logo
- Request a Demo
- Free trial feature
- Contact tech support

- ➢ Contact us
- ➢ Add to cart
- ➢ Product information

Testing Approach

- ➢ **Testing Types**

- Functional Testing
- Compatibility Testing

- ➢ **Testing Methodologies**

- Black-box Testing
- White-box Testing
- Regression Testing
- User Acceptance Testing (UAT)

- ➢ **Testing Environment**

- UAT
- Pre-Prod

- ➢ **Operating System**
- Windows 10 and above

- Browser:[Chrome and Microsoft edge]

- Tetsing Tools: Jira, Zephyr.

Roles and Responsibilities

Name	Role	Responsibilities
Jitendra kumar	Test Engineer	✓ Understand customer requirements ✓ Write Test scenarios & Test cases ✓ Executing the Test cases. ✓ Performing root cause analysis to identify underlying issues. ✓ Defect tracking and reporting.

Test Schedule

Following is the test schedule planned for the project:

Task	Time Duration
Test Plan creation	02 Oct 2024
Test Scenario creation	03 Oct 2024
Test case creation	03 Oct 2024
Test case Execution	03 Oct to 04 Oct 2024
Summary Report Submission	05 Oct 2024

Test Deliverables

The following are to be delivered to the client:

Deliverables	Description	Responsible Owner	Target Completion Date
Test Plan	Outlines the testing approach, strategies, and scope for the BigCommerce web application.	Masai	02 Oct 2024
Test Cases	Test Cases created for both functional testing and compatibility testing	Masai	03 Oct 2024
Defect Reports	Detailed description of the defects identified in different versions of application.	Masai	05 Oct 2024

Entry and Exit Criteria

The below are the entry and exit criteria for every phase of Software Testing Life Cycle:

Requirement Analysis

➢ **Entry Criteria:**
   Once the testing team receives the Requirements documents and use documents of the project.Includes what functions needs to be tested and how the software should behave.

➢ **Exit Criteria:**
   The testing team should thoroughly explore and understand each requirement listed in the documents.Any doubts or uncertainties regarding the requirements should be addressed and clarified to ensure that the testing team has a clear understanding of what needs to be tested and how it should behave.

Test Planning

➢ **Entry Criteria:**
   Testable Requirements derived from the given Requirements documents.Test Plan document includes the Test Strategy, which provides a high-level overview of how testing will be conducted.

➢ **Exit Criteria:**
   Test Plan is signed-off by the Client (Zepto)

Test Designing
➢ **Entry Criteria:**
   The Test Plan document needs to be reviewed and approved by the client and then Test Plan Document is signed-off by the Client.

➢ **Exit Criteria:**
   Test Scenarios and Test Cases Documents are prepared, they need to be reviewed and signed-off by the Client.

Test Execution

> **Entry Criteria:**

   Test Scenarios and Test Cases document needs to be reviewed and approved by the client and documents are signed-off by the Client.Application is ready for further Testing.

> **Exit Criteria:**

   Test Case Reports, Defect Reports are ready

Test Closure

> **Entry Criteria:**

   Test Case Reports, Defect Reports are ready

> **Exit Criteria:**

   Test Summary Reports, it overviews of the entire testing.

Tools

The following are the list of Tools we will be using in this Project:
- X mind map Tool
- Jira - Project management tool
- Zephyr- Test Management.

Risks and Mitigation plans

The following are the list of risks possible and the ways to mitigate them:

Risk	Mitigation plans
Lack of Automation Testers	Backup Resource Planning
No detailed Requirements available	Subject matter experts available for deep understanding of functionalities

Approvals

Masai will send different types of documents for Client Approval like below:

- Test Plan
- Test Scenarios
- Reports

Testing will only continue to the next steps once these approvals are done