

Test Plan document for Khushi Tours and Travels

Overview:

The purpose of this test plan is to outline the testing approach, activities, and deliverables for the Khushi Tours and travels website. The plan will ensure the quality and reliability of the website by thoroughly testing its features, functionality, and performance.

The Khushi tours and travels website serves as an online marketplace that offers an ultimate choice for your travel plans. It enables customers to browse, search and book a rental car for any local, outstation, airport or any other tourism place. Customer can edit their account details, see their previous records for car booking and payments can also be done. The website also provides features such as customer reviews and customer support.

Scope:

The scope of testing for the Khushi Tours and travels website includes the following aspects:

1. **Feature Coverage:** All major features and functionalities of the website, such as booking of the car, payment processing, customer accounts, reviews, and ratings.
2. **Platform Coverage:** Testing across different platforms, including web browsers (Chrome, Firefox, Safari, Internet Explorer), mobile devices (iOS, Android), and operating systems (Windows, macOS).
3. **Usability and Accessibility:** Ensuring a user-friendly and accessible website that meets the needs of a diverse range of users, including those with disabilities.
4. **Performance and Scalability:** Testing the website's performance under different user loads to ensure optimal response times, throughput, and scalability.
5. **Security:** Assessing the website's security measures to protect user data, prevent unauthorized access, and handle secure transactions.
6. **Compatibility:** Verifying that the website works seamlessly across various devices, browsers, and operating systems.

Purpose

The purpose of the Khushi tours and travels website is to provide a comprehensive online platform for customers to book car on rental and take complete care of all customer's travel requirements and to enjoy hassle free journey to bring a smile on the customers.

The test plan aims to ensure that the website functions effectively, meets user requirements, and delivers a seamless and satisfying experience.

Testing types:

The testing activities for the Amazon website aim to ensure the following:

1. **Functionality:** All features and functionalities of the website work as intended and deliver a seamless user experience.
2. **Usability:** The website is easy to navigate, user-friendly, and intuitive for customers to interact with.
3. **Performance:** The website performs well under different user loads, ensuring quick response times and minimal downtime.
4. **Security:** The website protects user data, transactions, and sensitive information from potential security threats.
5. **Compatibility:** The website is compatible with different devices, browsers, and operating systems, providing a consistent experience across platforms.
6. **Accessibility:** The website is accessible to users with disabilities, conforming to accessibility standards and guidelines.

By thoroughly testing the Khushi Tours and travels website within the defined scope and overview, any issues or defects can be identified and resolved, ensuring a high-quality, reliable, and user-friendly platform for customers.

Testing Phases

The test schedule identifies the different phases of testing to be conducted for the Khushi tours and travels website. These phases may include:

1. **Test Planning:** Defining the test objectives, scope, and strategy. Creating the test plan and identifying the required resources.
2. **Test Environment Setup:** Setting up the necessary hardware, software, and test environments for executing the tests.

3. **Test Case Design:** Creating test cases and test scripts based on the requirements and functional specifications.
4. **Test Data Preparation:** Generating or acquiring test data that covers various scenarios and conditions.
5. **Test Execution:** Executing the test cases and scripts, capturing test results, and reporting any issues or defects.
6. **Defect Management:** Tracking, analyzing, and resolving identified defects. Re-testing fixed defects.
7. **Test Reporting:** Preparing and sharing test progress reports, defect reports, and test summary reports with stakeholders.
8. **Test Closure:** Evaluating the testing process, documenting lessons learned, and conducting a final review of the test deliverables.

Test Environments

The test strategy identifies the different environments required for testing the Khushi Tours and travels website. These environments include:

1. **Development Environment:** A dedicated environment where developers build and test individual components of the website.
2. **Staging Environment:** An environment that closely resembles the production environment and is used for testing integrated system functionality.
3. **Production Environment:** The live environment where the website is accessible to end-users and undergoes continuous monitoring and maintenance.

4. **Functional/Manual Testing** • Conduct functional testing on the website. • Identify and document test scenarios based on user requirements. • Execute test cases and record outcomes. • Focus on critical functionalities such as booking, navigation, and payment processes.

Functional Testing:

It verifies the functionalities of core features. Functional testing ensures that software is developed according to the customer's requirements.

Test Scenarios based on functional Testing:

- **Verify that the new Customer is able to book their ride**
- **Verify that the existing customer is able to book their ride.**
- **Verify that customer is able to pay successfully and got a confirmation message that your payment is successfully done.**
- **Verify that customer is able to manage their account.**

Test Cases :

Khushi Tours and travels website is not user friendly. If New user wants to register and book a ride then there is no option in header for create a new account. Lots of bugs have also seen on Registration page. New User doesn't get a confirmation email containing the activation link. No captcha is found on the Register Form. No smoothness in the Payment and transaction. Payment page gives a non-working page.