**Test Summary Report**

**PHPTRAVELS**

**Functional Testing using Selenium WebDriver**

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**1.Purpose**

This test summary document explains the various activities performed as part of Testing of PHP Travels website.

**2.Application overview**

PHPTRAVELS is an online booking software for travel businesses. It helps travel agencies manage their business online, providing them a fully-working online booking system.

This is a PHP & MySQL software aimed at running booking business and travel agency website.The application has the multilingual script where users can search apartment availability in 50+ languages, as well as multi-currency possibility.

This platform offers many effective features, such as availability check, booking for a specific period, billing, reporting, payments, calendars, coupons, and more. All of them are accessible via a simple central interface.The booking engine of PHPTRAVELS is customizable and includes billing, reports and invoicing. The system supports major payment gateways, including VISA, PayPal and others.

There are separate accounts for customers and for travel agents, and customizable software script according to specific business requirements

The different modules in this project are:

1. Customer Front- End

2. Agent Front-t End

3. Admin Back- End

4. Supplier Back-end

**3.Testing scope**

**3.1 In scope**

**Functional testing for the below modules**

**Customer Front End**

* Check user login with valid/invalid credentials.
* Displays the link My Bookings to view the booking details
* Displays the link Add Funds to make payment using various options
* Displays the link My Profile with profile details
* Update address of user
* Check bookings and view display voucher
* Payment of USD 50 using PayPal
* Displays the links Hotels, Tours, Transfers, Visa, Flights, Company
* Choose language, denomination
* Displays the link Logout

**Agent Front End**

* Check user login with valid/invalid credentials.
* Displays the link My Bookings to view the booking details
* Displays the link Add Funds to make payment using various options
* Displays the link My Profile with profile details
* Displays the link Logout
* Displays the links Hotels, Hotels, Tours, Transfers, Visa, Flights, Offers
* Search by Hotels by City option
* Choose language, denomination
* Update the USD to INR for the account.

**Admin Back End**

* Check user login with valid/invalid credentials
* Test the link of Booking and then display the invoice where payment is successful.
* Delete a record that is having booking status as Cancelled.
* Change the booking status from “Pending” to “Confirmed” and verify the count in dashboard.
* Check whether the “Website” link is working and verify if it is redirecting to a different page.

**Supplier Back End**

* Check user login with valid/invalid credentials.
* Check the dashboard overview and the text sales overview and summary.
* Test whether it displays Revenue breakdown
* Change the booking status from ‘Pending’ to ‘Confirmed’ and verify the count in dashboard
* Check whether the modules ‘Flight’, ‘Visa’, ‘Tours’, ‘Bookings’ are displayed and can be clicked.

**3.2 Out of scope**

Performance testing of the website.

**4. Metrics**

|  |  |  |  |
| --- | --- | --- | --- |
| Test cases planned | Test cases executed | Test cases **PASSED** | Test cases **FAILED** |
| 92 | 92 | 76 | 16 |

**No. Of Defects Identified and their severity**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Critical | Major | Medium | Cosmetic | Total |
| 4 | 4 | 3 | 5 | 16 |

**5.Types of testing performed**

**5.1 Functionality Testing**

It is performed to test the functionalities of each feature on the website. We check the links in webpages are working correctly and make sure that there are no broken links. Forms are tested for scripting checks (If a user does not fill a mandatory field in a form an error message is shown.) Test negative scenarios such that when a user executes an unexpected step, appropriate error message is displayed .Manual and automated testing is performed.

**5.2 Usability Testing**

Website is checked for usability features like consistency and visibility of menus, buttons, links across different web pages.

**6.System Configurations**

**6.1Hardware Specification**

OS: Windows 64

Working Internet Connection

**6.2 Software Specification**

JDK with JRE

IDE: Eclipse

Web browser: Chrome,Firefox

Cloud repository: GitHub

Database: Local Storage

Automation Test tools: Selenium with Java,TestNG, Maven

**7. Exit Criteria**

* All test cases should be executed – Yes
* All defects in Critical, Major, Medium severity should be verified and   
  reported – Yes.

**8. Approvals**

Names and titles of all persons who must approve this plan:

|  |  |
| --- | --- |
| Signature : |  |
| Name : |  |
| Role : |  |
| Date : |  |