

Test plan for travel agency

Version 1.0

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Author: Edyta Wichlacz

1. Test plan scope

This document covers in its contents system and performance tests of phptravels.net site.

2. System

System contains of a website installed on the internet host with database and http sever. It needs an internet browser on the client computer to work properly.

3. Test elements

To be tested:

- GUI of the site
- Performance
- Cross-browser availability

Not to be tested:

- Database
- External interfaces
- RWD/mobile devices

4. Tests scope

Test element and scope:

My account module - functional, cross-browser

Hotels module – functional, cross-browser, UX

Flights module – functional, cross-browser, UX

Tours....

...

5. Assumptions and restrictions: none

6. Stakeholders: site owners

7. Risks, probability of occurrence and priority:

1. Product risks / probability(low/medium/high)/ priority (low/medium/high):
 1. server breakdown / L / H
 2. Write error / L / H
 3. Overbalance / H / M
 4. Unauthorized access / H / L
 5. Date and time errors / L / L
 6. National language problems / L / L
 - ...
2. Project risks / probability(low/medium/high)/ priority (low/medium/high):
 1. Insufficient personel resources / M/ H
 2. Bad tasks scope / M/ H
 3. Insufficient experience in testing / H/ M
 4. Unclear client requirements / H /H
 - ...

8. Test strategy

Tests execution sequence by stakeholders priority definition

9. Tools

Testlink (test specs), JIRA (bug reports), JMeter (pref. testing), Slack – instant messaging between team members)

10. Test designing techniques

- User cases
- Scenarios
- Equivalence classes

11. Test ending criteria

All tests procedures have to finish without major fail priority.

12. Test data assumptions

Test data delivered by stakeowners team

13. Test environment

Test environment consists of http server (apache v1.0), mysql database (v6.5) , PC with Edge browser

Test environment database needs data load from external suppliers interfaces, http server and database connection also internet or intranet connection.

14. Test hold-up criteria

If reporting takes more than 25% of test execution tests should be hold-up until execution of all unit tests.

15. Test strategy deviation

Low critical impact, key parameter is business influence

16. Test activities and estimates

Available in Testlink and JIRA

17. Staff

- PM
- Test leader
- 2 testers

18. Time sheets