

TEST PLAN

Website «KeepSolid VPN Unlimited»

<https://www.vpnunlimitedapp.com/en>

Version 1.1

VERSION HISTORY

Version	Write by	Revision Date	Approved By	Approval Date	Outline
1.0	Kucheryavaya Natalia	2018/08/02	Pavel		Test Plan create
1.1	Kucheryavaya Natalia	2018/08/03	Pavel		Test Plan create

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INTRODUCTION

This document is the Test Plan of the website "KeepSolid VPN Unlimited" Version 1.0 (full address - <https://www.vpnunlimitedapp.com/en>).

The Test Plan is designed to prescribe the scope, approach, resources and schedule of all test activities.

The Test Plan describes the tested functions and elements that we plan to test and do not plan to test, the types of testing, what the team needs for successful testing, the personnel responsible for testing, the resources and schedule required to complete the testing, and the risks associated with plan.

1. TEST STRATEGY

1.1 Scope of Testing

1.1.1 Feature to be tested : Focus on Functional Testing

Module Name	Description
Registration	Successful registration of a new user
Login	<ul style="list-style-type: none">Entering valid userid and passwordEntering invalid userid and passwordUser log out
My Account	<ul style="list-style-type: none">User’s profile editionEdit password
Pricing	<ul style="list-style-type: none">All plansSelect a Payment MethodBuy now
Downloads	Can be downloaded for all available platforms
Extras	All plans, get it now <ul style="list-style-type: none">Personal VPN ServerPersonal Static IPAdditional Devices VPN Solution for Business
Info	<ul style="list-style-type: none">SpecialsMore about VPNSolutionsPersonal Servers & IpsFAQ Correct transition to the pages
Blog	<ul style="list-style-type: none">SEARCH BLOGSSign up to our newsletter
Support	<ul style="list-style-type: none">Contact formBrowse FAQBrowse Manuals

1.1.2 Feature not to be tested

- User Interfaces
- Hardware Interfaces
- Usability
- Performance
- Website Security

1.2 Test Type

In the project "KeepSolid VPN Unlimited" Version 1.0, should be conducted:

- **Integration** Testing (Individual software modules are combined and tested as a group)
- **System** Testing (Conducted on a **complete, integrated** system to evaluate the system's compliance with its specified requirements)

1.3 Risk and Issues

The high risk is that we will not be able to complete the testing in time:

Risk	Mitigation
Outsource members lack the required skills for website testing	Plan training course to skill up your members
If there is no training in time for outsource members, we will not have time to begin integration testing.	Schedule the training no later than 05.08.2018
It is necessary to create a framework for writing autotests and set up a test environment, to perform all the testing stages.	Involvement of the Test leads of the project. No later than 05.08.2018

1.4 Test logistics

1.4.1 Who will test?

The project should use outsource members as a tester to keep the budget and not to distract employees from more important projects of the company.

1.4.2 When will the tests be carried out?

The tester will start the test when all the following inputs are ready:

- Sufficient human resource for testing
- Improving skills for outsource members
- Test environment created
- Test Specification Creation

2 TEST OBJECTIVE

The project should focus on testing the functionality of the website to ensure that all these operations can function properly in a real business environment.

To reduce the time for regression testing, we will automate the stable parts of the website.

3 TEST CRITERIA

3.1 Suspension Criteria

Testing work is performed by the test team to ensure that all functional activities are working in system properly. Some criterias for which we will be paused the test work for the website:

- The modules Login, Pricing, Downloads are broken and we are not able to perform users scenarios, such as: login, buy, download.
- If the number or type of defects reaches a point where the follow on testing has no value and 30% of test cases failed, until the development team fixes all the failed cases.

3.2 Exit Criteria

- **95%** of all critical test cases must pass.
- Run rate is 100% unless a clear reason is given.
- Pass rate is 80%, achieving the pass rate is mandatory.

4. RESOURCE PLANNING

4.1 System Resource

Resources	Descriptions
Network	1 internet line with the speed at least 5 Mb/s
Computer	At least 3 computer run Windows 7, MAC OS

4.2 Human Resource

Member	Tasks
Test Manager	<ul style="list-style-type: none">• Provides management oversight• Provide technical direction• Acquire appropriate resources
Test Engineer	<ul style="list-style-type: none">• Verify and assess the Test Approach• Execute the tests, Log results, Report the defects Outsourced members
QAA	<ul style="list-style-type: none">• Writing automation test• Analyzing automation test results, writing bug reports and test refactoring

5. TEST ENVIRONMENT

Access:

- to the official website
- to the environments used by users

Installed:

- Browsers: Google Chrome 68.0 , Internet Explorer 11, Firefox 61.0.1, Safari 5.1.7
- Python 3, Selenium 3.13, Jenkins, Git
- Frameworks PyTest, Allure

6. SCHEDULE & ESTIMATION

6.1 All project task and estimation

Task	Mambers	Estimate effort
Test Specification Creation	Test leads	
Integration Testing	Testing Team	
System Testing	Testing Team	
Test Report	Testing Team	

6.2 Schedule to complete these tasks

At the moment in the process of creating.

7. TEST DELIVERABLES

7.1 Before testing phase:

- Test Plan
- Test Suite
- Test Design specifications
- Test Environment

7.2 During the testing:

- Test Tools
- Test Data
- Test Scripts

7.3 After the testing cycles is over:

- Test Results
- Test Defect Reports