

# TEST PLAN

Website «KeepSolid VPN Unlimited»

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

Version 1.0

# VERSION HISTORY

Version	Write by	Revision Date	Approved By	Approval Date	Outline
1.0	Kucheryavaya Natalia	2018/12/02	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"><li>• Entering valid userid and password</li><li>• Entering invalid userid and password</li><li>• User log out</li></ul>
My Account	<ul style="list-style-type: none"><li>• User’s profile edition</li><li>• Edit password</li></ul>
Pricing	<ul style="list-style-type: none"><li>• All plans</li><li>• Select a Payment Method</li><li>• Buy now</li></ul>
Downloads	Can be downloaded for all available platforms
Extras	All plans, get it now <ul style="list-style-type: none"><li>• Personal VPN Server</li><li>• Personal Static IP</li><li>• Additional Devices</li></ul> VPN Solution for Business
Info	<ul style="list-style-type: none"><li>• Specials</li><li>• More about VPN</li><li>• Solutions</li><li>• Personal Servers &amp; Ips</li><li>• FAQ</li></ul> Correct transition to the pages
Blog	<ul style="list-style-type: none"><li>• SEARCH BLOGS</li><li>• Sign up to our newsletter</li></ul>
Support	<ul style="list-style-type: none"><li>• Contact form</li><li>• Browse FAQ</li><li>• Browse Manuals</li></ul>

### 1.1.2 Feature not to be tested

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

## 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:

- Staff absence may cause delays
- Team member lack the required skills for website testing
- Not enough schedule

Plan training course to skill up your members .

## 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

## **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 well in system properly. If some of these functions are not working properly in the system the further test procedure should not be continued to the next level. Some criterias for which we will be paused the test work for the website:

- The modules Login, Pricing, Downloads are not working well.
- 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"><li>Provides management oversight</li><li>Provide technical direction</li><li>Acquire appropriate resources</li></ul>
Test Engineer	<ul style="list-style-type: none"><li>Verify and assess the Test Approach</li><li>Execute the tests, Log results, Report the defects</li></ul> <p>Outsourced members</p>
QAA	<ul style="list-style-type: none"><li>Writing automation test</li><li>Analyzing automation test results, writing bug reports and test refactoring</li></ul>

# 5. TEST ENVIRONMENT

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

# 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	

## **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