Canban.ru

Version 1.1

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 09.02.16 | 1.0 | Creating | Kolesnichenko T. |
| 09.04.16 | 1.1 | More Test Cases were added and  Executed | Kolesnichenko T. |

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# Introduction

## Purpose

The purpose of drawing up of this Test-Plan is Canban.ru application testing process description. The document allows you to get an idea about the activity related to testing of the project

## Background

* Canban.ru – is an application for **provision of auto services and autochemistry sale**.

## Scope

The purpose of the testing of Canban.ru is this application functional testing, usability testing, as well as identifying of user wishes to expand or repair existing functional. During the testing process the correctness of interaction Canban.ru with other subsystems should also be checked.

The result of the testing process should be a detailed review, which will help developers and product managers to get a clear picture of application usability for end user.

Testing will be carried out manually, by ad-hoc testing from position of application end-user.

## Project Identification

Canban.ru, version 1.1.

# Requirements for Test

The application has to meet the needs of user related to selection of auto services

To do this, the application has to allow user to perform:

- Choose a car wash services;

- Select tire service;

- Choose cleaning services;

- Choose auto-chemistry of retail online store;

- Look for desired goods or services;

- Register and login;

# Test Strategy

In Canban.ru application testing process ad-hoc testing will be applied due to the lack of strict specifications, as well as due to the limited resources at the formalization of tests.

At the first stage system testing will be conducted, based on the correct scenario of user and application interaction. It is scheduled to reveal the usability-gaps and propose to extend the application functionality to improve the usability of the application during system testing.

At the second stage, in the course of functional testing, it is planned to reveal errors, based on functional cooperation through the implementation of non-trivial scenarios.

At the third stage a series of tests, determining the application ability to work with a certain load will be carried out. For several reasons (this application is designed for a single user, the risk of the load in a real operation is minimal) load testing will be carried out without the involvement of tools to simulate load.

Security testing and stress testing is not carried out due to the lack of resources.

## Testing Types

### System and Usability Testing

**Goal:**

Make sure that user can use the basic functionality of the program during actual use.

Check the degree of application usability for user on the basis of common criteria estimation and subjective perception.

**Process description:**

* Full cycle of of the application emulation: the registration, user authentication, adding product to cart, editing of the basket content ;
* Analysis of the application usability on the basis of the emerging needs, as well as on the basis of comparisons with existing applications having similar functionality.

**Completion Criteria:**

Приложение удовлетворяет потребности пользователя в ежедневном планировании собственного времени, работы и других повседневных задач.

The application meets the needs of the user in the daily planning of his time, planning of work and other daily tasks.

### Functional and UI Testing

**Goal:**

To identify functional errors based on functional cooperation through the implementation of non-trivial scenarios.

**Process description:**

It is made a division of the application into functional parts. Targeted testing is carried out on the basis of this separation:

* car services section;
* tire services section;
* cleaning services section;
* retail sale of goods in the online store section;

**Completion Criteria:**

* all scheduled field are tested
* all bugs and comments are recorded

### Configuration Testing

**Goal:**

Check the correct operation of application for different operating systems.

**Process description:**

Install the application on different operating systems.

**Completion Criteria:**

* all scheduled field are tested
* all bugs and comments are recorded

### Integration Testing

**Goal:**

* Check the application correct interacting with other applications:

**Process description:**

Check the correctness of messages received by user via e-mail containing the text that the order is accepted.

**Completion Criteria:**

* all scheduled field are tested
* all bugs and comments are recorded

# Resources

Ввиду обозревательного характера тестирования продукта, а также учитывая тот факт, что продукт на рынке довольно давно (из чего можно сделать вывод, что основные функциональности оттестированы и отлажены, что снижает риск появления критических дефектов), достаточно будет одного ресурса, ответственного за весь процесс тестирования продукта.

Considering the fact that the product is on the market for quite some time (so we can conclude that the basic functionality is tested and debugged, which reduces the risk of critical defects), it will be enough of one resource, responsible for the product entire testing process.

# Project Milestones

|  |  |  |  |
| --- | --- | --- | --- |
| **Milestone Task** | **Effort** | **Start Date** | **End Date** |
| Plan Test | 2 man/hours | 09.02.16 | 10.02.16 |
| Design Test | 1 man/hours | 09.02.16 | 10.02.16 |
| Execute Test | 6 man/hours | 09.02.16 | 10.02.16 |
| Analyse Test | 1 man/hours | 10.02.16 | 11.02.16 |
| Prepare Review | 3 man/hours | 10.02.16 | 11.02.16 |

# Deliverables

## Review

The end result of the testing should be a detailed review. The review should be written in an accessible form, without the using of special terminology.