



Project: www.redmine.org

TEST PLAN

(TP #100822)

version 0.1

TABLE OF CONTENTS

1.Introduction	3
2.Scope of work	3
2.1 In Scope.....	3
2.2 Out of Scope.....	3
3.Acceptance criteria	3
4.Risk management	3
5.Resources	4
5.1 Test team	4
5.2 Test hardware	4
5.3 Test tools	4
6.Test strategy	4
6.1 Entry criteria	4
6.2 Exit criteria	4
6.3 Test levels and types.....	4
7.Testing schedule.....	5
8.Test plan sign-off.....	5
9.Changelog.....	5

1.Introduction

Redmine is a flexible project management web application. Written using the Ruby on Rails framework, it is cross-platform and cross-database.

Purpose of testing is to verify registration page, login page, account page functionality of website using Google Chrome browser.

2.Scope of work

2.1 In Scope

#	Web application elements
1	Registration page
2	Login page
3	Account page

2.2 Out of Scope

#	Web application functions
1	Web application operation on tablets, mobile phones
2	Web application operation on browsers other than Google Chrome

3.Acceptance criteria

- all necessary artifacts are collected: test plan, test cases, test case automation code

4.Risk management

Risk	Probability	Impact	Actions
Hardware problems. Breakdown of pc hardware or failures on the server side of the project. This can lead to a significant delay in project activity.	Low	Medium	Availability of spare equipment, which will be provided if necessary.
The testing team consists of inexperienced workers, this can lead to skipping all sorts of bugs.	High	High	TL or experienced tester will help testing team resolve any issues in an emergency.
Force majeure circumstances that can lead to a blackout of the workplace, which will lead to the suspension of work on the project	Low	Medium	The presence of another room in the absence of electricity at a permanent workplace

5.Resources

5.1 Test team

Role	Name	Responsibilities
Team Lead	Leonid Mayevskiy	Work process control
Test Manager	Oleg Kuzemko	Test cases creation, auto-tests creation

5.2 Test hardware

#	Type	Specifications	OS Configuration
1	PC	RAM: at least 2GB CPU: at least 1.6GHz	Windows 10

5.3 Test tools

#	Tool	Comment
1	Google Chrome	Latest version
2	VS Code	For auto-tests creation

6.Test strategy

Redmine web application will be tested using the "black box" method without knowing the internal structure and source code.

6.1 Entry criteria

Criteria described below must be reached before the test execution phase begins.

- test cases were created and approved
- test tools configurations are set and ready for work

6.2 Exit criteria

Criteria described below must be reached before ending of test execution phase.

- all test cases passed
- all test evidences saved
- test case automation code ready

6.3 Test levels and types

Acceptance testing will be used to test the web application.
Automation functional testing is considered as main type of testing.

7. Testing schedule

#	Task	Start date	End date
1	Test plan creation	10.08.22	10.08.22
2	Preparing test environment and tools	10.08.22	10.08.22
3	Test case creation	11.08.22	11.08.22
4	Automation of test cases	11.08.22	12.08.22
5	Completion and approval of the testing process	15.08.22	15.08.22

8. Test plan sign-off

Name	Role	Date
Leonid Mayevskiy	Team Lead	15.08.22

9. Changelog

Version	Date	By	Description
0.1	10.08.22	Oleg Kuzemko	Test plan creation