Redmine Project
- Test Plan -

Revision History

Date	Description	Author	Comments
09.14.2023	Test Plan for version 1.0	Andrada Pricop	draft test plan
09.21.2023	v1.1	Andrada Pricop	Added more details for Test Process
10.18.2023	v1.2	Andrada Pricop	Added the final version for bugs report

Table of Content:

1. Introduction

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

Redmine is open source and released under the terms of the GNU General Public License v2 (GPL).

1.1 Project Objective

We need to raise the trust in the quality of the project as high as possible before releasing it to customers.

Application under test: https://www.redmine.org/

Documentation: https://www.redmine.org/guide

1.2 Functionalities in scope

- All the features of My account module which were defined in Redmine business requirements will be tested using the following testing types: functional testing, GUI testing and API testing
- The Redmine Web application will be tested on latest versions of Chrome and IE

1.3 Functionalities and tests out of scope

- All the features that are not under My account module
- Non-functional testing like stress, performance is beyond scope of this project
- No QA support for mobile applications developed, only web applications will be tested
- Automation testing is beyond scope.

2. Test process

2.1 Test planning

Roles	Responsabilities
Andrada - Tester	will test: all features from My account module -Information -Email notifications -Email address -Preferences -Password

Entry criteria:

- smoke test passed (being the most basic type of test, this is a very important entry criteria in the process of testing)
- testing environment is up and running
- roles needed for the project are allocated
- functional specifications are defined

Exit criteria:

- - 100% tests from Functional testing were executed and 58.33% are passed
- - 100% tests from GUI testing were executed and 80% are passed
- - some Critical issues have Open status
- - update tests are 100% passed
- - exploratory testing was performed on My account module

Risks:

- stability risks (crashes, disconnects, etc)
- IE browser might have performance issues
- the web page pagination could be impacted when opened on mobile devices
- stress conditions might impact the web application
- new browser might not be supported

2.2 Test analysis
- Analyze the business requirements to make sure that we have all the details for creating the test conditions
- Write test conditions
- we plan on running a full regression test on the current version

2.3 Test design

- all the test cases are written and reviewed
- All test cases will be created in Jira as test management tool

2.4 Test implementation

- all the test data is available and reviewed (an account with Admin Role was created)
- this test run includes only regression testing in which we will run tests that have the highest priority, this will be main priority

- Test suites are created (Cycle Summary was created)

2.5 Test execution

- the tests will be executed on the following browsers: Chrome and IE if time will be available we will extend tests on Mozilla and Brave browsers

- Bugs will be created based on the failed test cases

- The full regression testing will be done after new application changes

- Retesting will be done after a bug is fixed

2.6 Test closure

- 100% tests were executed and 90% of them are passed
- no Critical issues have Open status

2.7 Test monitoring and control

- Various periodic reports will be generated to reflect the current status of testing process, in case of major problems control measures could be taken.

3 Test deliverables

3.1 Test plan

3.2 Test conditions
- we will use prod environment
- testing using new accounts and older account is necessary

NDRD-12: Verify if information screen is displayed in the "My account" area

NDRD-14: Verify if first name field is displayed in Information screen from My account menu

NDRD-15: Verify if first name field is displayed as mandatory in Information screen from My account menu

NDRD-16: Verify if first name can be updated when pressing save button from Information screen

NDRD-17: Verify if when mandatory fields are blank user data from Information screen can not be edited

NDRD-18: Check if when email field data doesn't follow the required format user data from Information screen can not be edited

NDRD-19: Verify if Language drop down from Information screen has all possible options

NDRD-20: Verify if when setting Language field from Information screen to "auto" the default language for the website is English

NDRD-21: Check if email notification drop down from My account page has all possible options

NDRD-22: Check if email notification screen contains the two options regarding notifications preferences

NDRD-23: Verify if a check box from email notification screen is displayed next to each option regarding email notifications preferences

NDRD-24: Verify if when leaving the check boxes from Email notifications unchecked the account is updated

NDRD-27: Check if "change password" icon is displayed in My account page

NDRD-29: Check if when pressing on "change password" icon from My account page, change password page is loading

NDRD-30: Check if a user without admin role can set a new password containing less than 8 characters from My account page=>Change password

NDRD-31: Check if hide/show icon functionality from password field from My account-"change password" is working properly

NDRD-33: Check if "E-mails" icon is displayed in My account page

NDRD-35: Check if user is redirected to Email address page when pressing on "E-mails" icon from in My account page

NDRD-37: Check if "Font used for text areas" field drop down from My account page=>Preferences screen has all possible options

NDRD-38: Check if font text is changed when setting a proportional font from "Font used for text areas" drop down from My account page=>Preferences screen

NDRD-40: Check if when the new password is the same as the current one an error message is displayed on Change password page
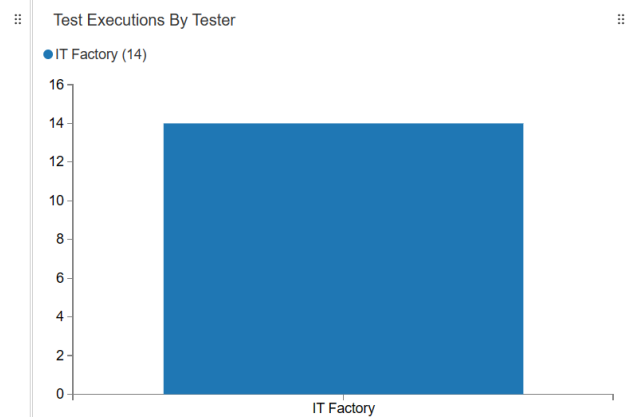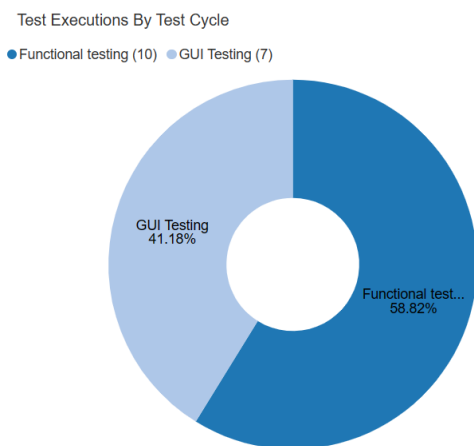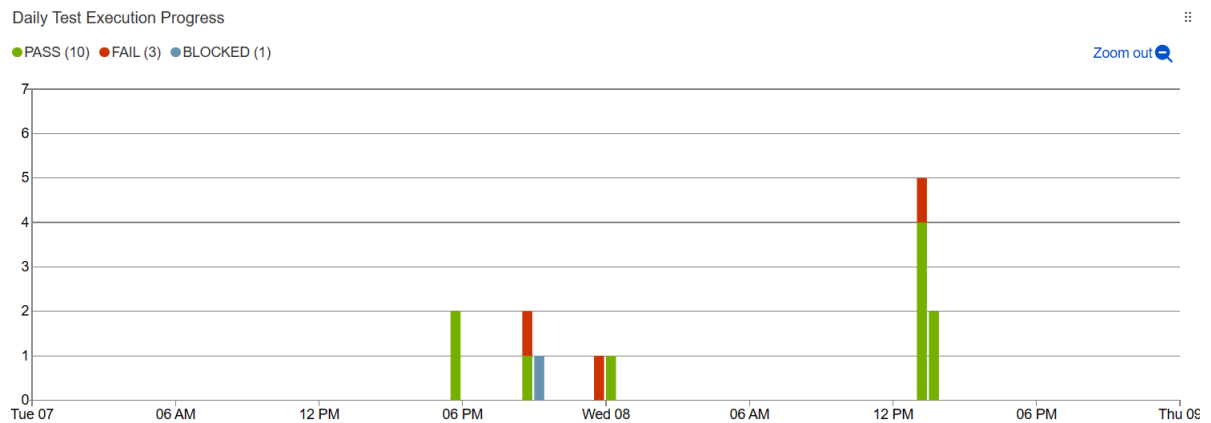
NDRD-41: Check if when the "Confirmation" field password from change password page is different than the one from "New password" field, an error should be displayed
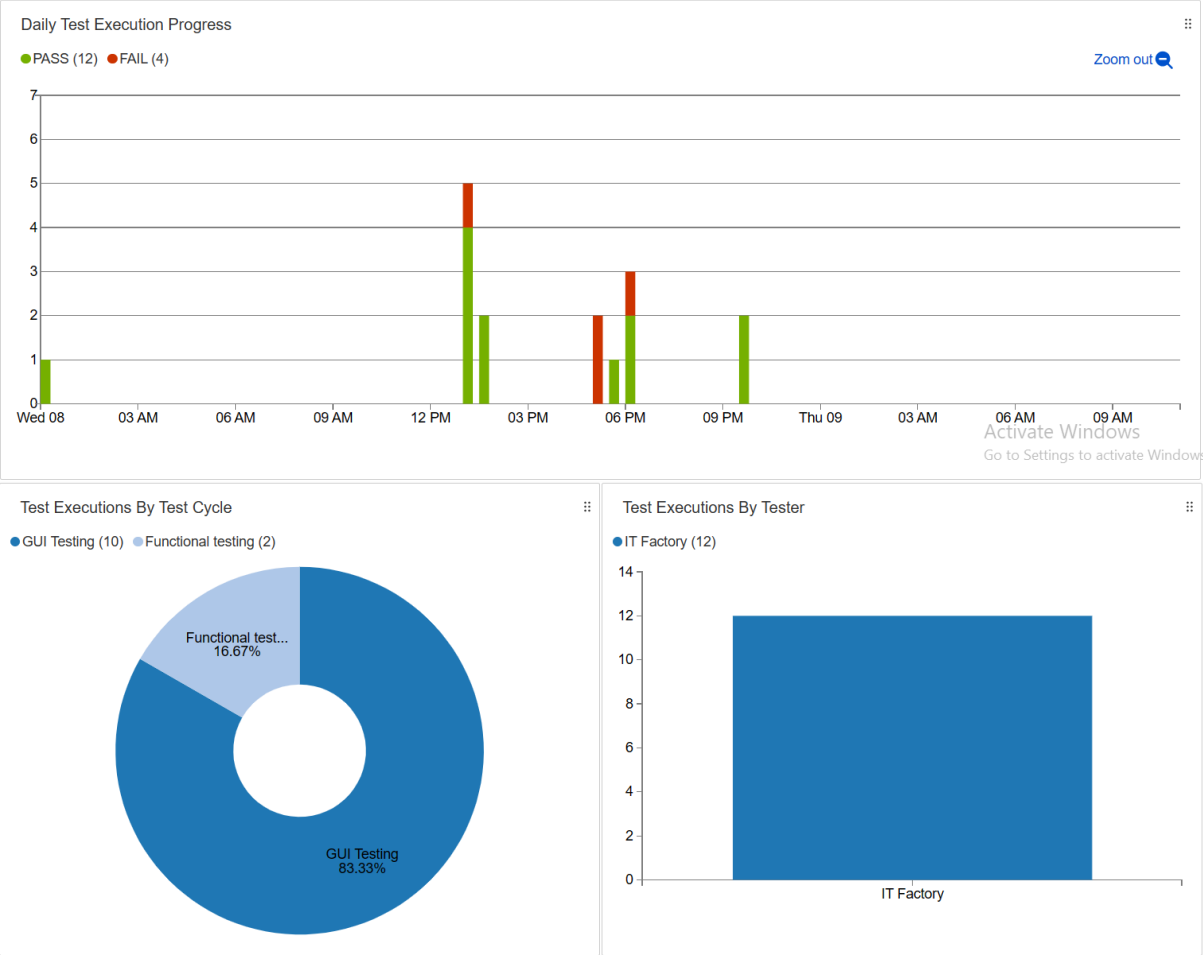
3.3 Test cases
AllTestCases.pdf

3.4 Daily test summary report

Raportul generat in data de 11/07/2023 arata rularea a 10 test case-uri dintre care 3 failed si 1 blocked.

Raportul generat in data de 11/09/2023 arata rularea a 12 test case-uri dintre care 4 failed.

3.5 Traceability matrix

3.6 Test case results

link to test case results

3.7 Bugs report

link to bugs report

3.8 Test completion report

3.9 Schedule

 - we have 3 days of testing
 - we have 22 test cases
 - in order to finish the regression run we would need to run an ~ of 7 tests/day