Test Plan

1. Introduction

Project name: Veterinary clinic website "CenterVet"

Project goal: Familiarize clients with the services of the clinic, provide an opportunity to make an appointment

2. Test Objectives

- User registration and authorization
- Information about services
- Form for making an appointment
- History of appointments in the personal account
- Contacts
- News subscription form

3. Examination of incoming documents

- Analysis of functional requirements
- Study of design documentation, mockups and prototype
- Analyze the documentation, meet with the team, and discuss product functionality
- **Refinement**: at this stage, we discuss the issues that may have arisen, the acceptance criteria, and improve some points as necessary

4. Test Estimation

- Estimating the time required to perform testing
- Determine the scope of work and resources

5. Test Design

Creating test cases and checklists for each functional block using different test design and test analysis techniques

- **Test Cases examples**

  Test Case 1

  ☑ Test Cases › Test Case 1 › Test **@T907d0fbf** `manual`   ✏ Edit ⋯

  ○ **Authorization using valid data**   👤

  | ⓘ DESCRIPTION | <> CODE TEMPLATE | 🔗 ATTACHMENTS | ▶ RUNS | 🕐 HISTORY |

  Requirements
  - User is registered

  Steps
  - Go to the autorization form
  - Enter valid data the "Email" filed
  - Enter the valid data the "Password" filed
  - Click the "Sing in" button

  Expected result
  The user is avtorized and "My account page" is opened

  Test Case 2

  ☑ Test Cases › Test Case 1 › Test **@Ta6054cb7** `manual`   ✏ Edit ⋯

  ○ **Regestration using invalid data**   👤

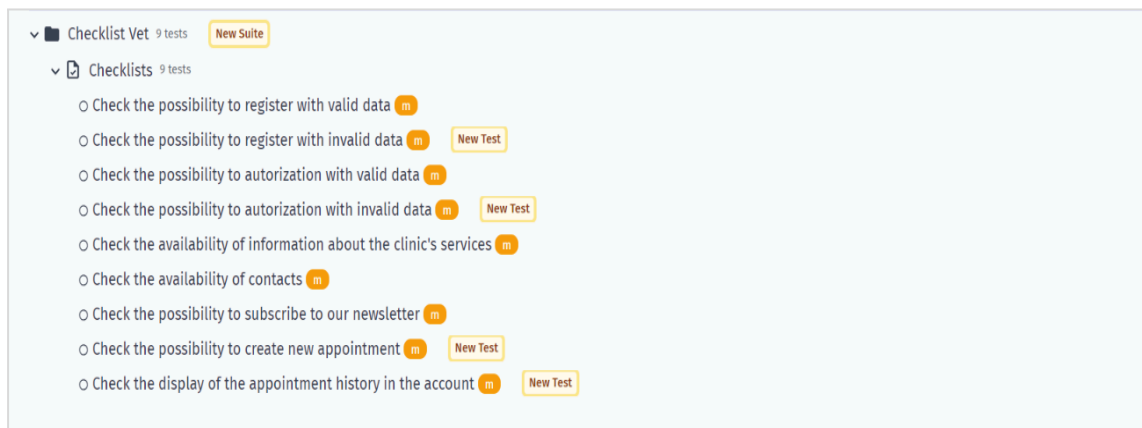 | ⓘ DESCRIPTION | <> CODE TEMPLATE | 🔗 ATTACHMENTS | ▶ RUNS | 🕐 HISTORY |

  Steps
  - Go to the registration form
  - Enter the invalid data the "Email" filed (without @)
  - Enter the valid data to the all fileds
  - Click the "Sing up" button

  Expected result
  The error message is displayed and the"Email" filed is highlighted in red

- **Checklist example**

6. Tools

- Miro
- Testomat.io
- Jira
- SQLite
- Chrome DevTools
- Certificates and Licenses
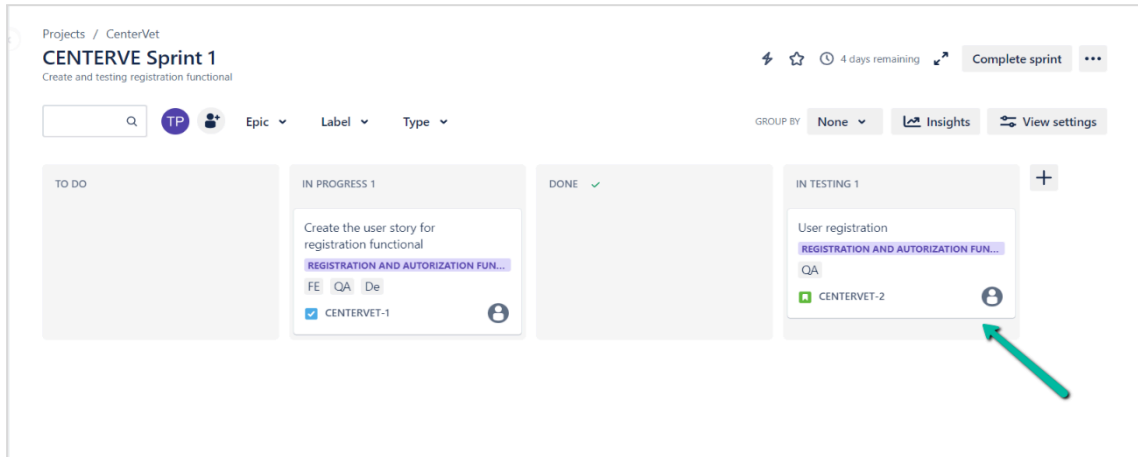
7. Resources

QA 1: analysis and testing of all functionality, documentation
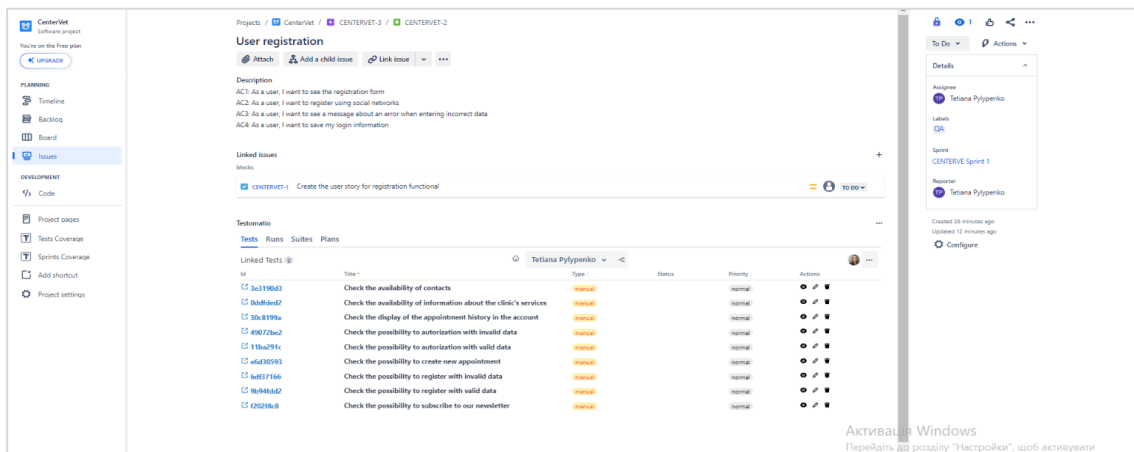
8. Onboarding Plan

- **Stage 1: Preparing for work**
  - Meet the team
  - Familiarization with internal communication and reporting processes
  - Installing and configuring testing tools

- **Stage 2: Joining and welcoming new QA engineers**
  - Organize a meeting or online session
  - Brief presentation of current projects
  - Assigning an experienced QA engineer as a mentor for each new member

- **Stage 3: Training**
  - Learning to create effective test scenarios and cases
  - Introduction to testing tools
  - Conducting technical workshops of web development and testing

- **Stage 4: Moving to a new role**
  - Providing opportunities for gradual inclusion in the work, with the support of a mentor
  - Launching independent test tasks to assess skills and abilities
  - Regular meetings to review progress, resolve issues and plan next steps
  - Planning career development and providing opportunities for growth within the company
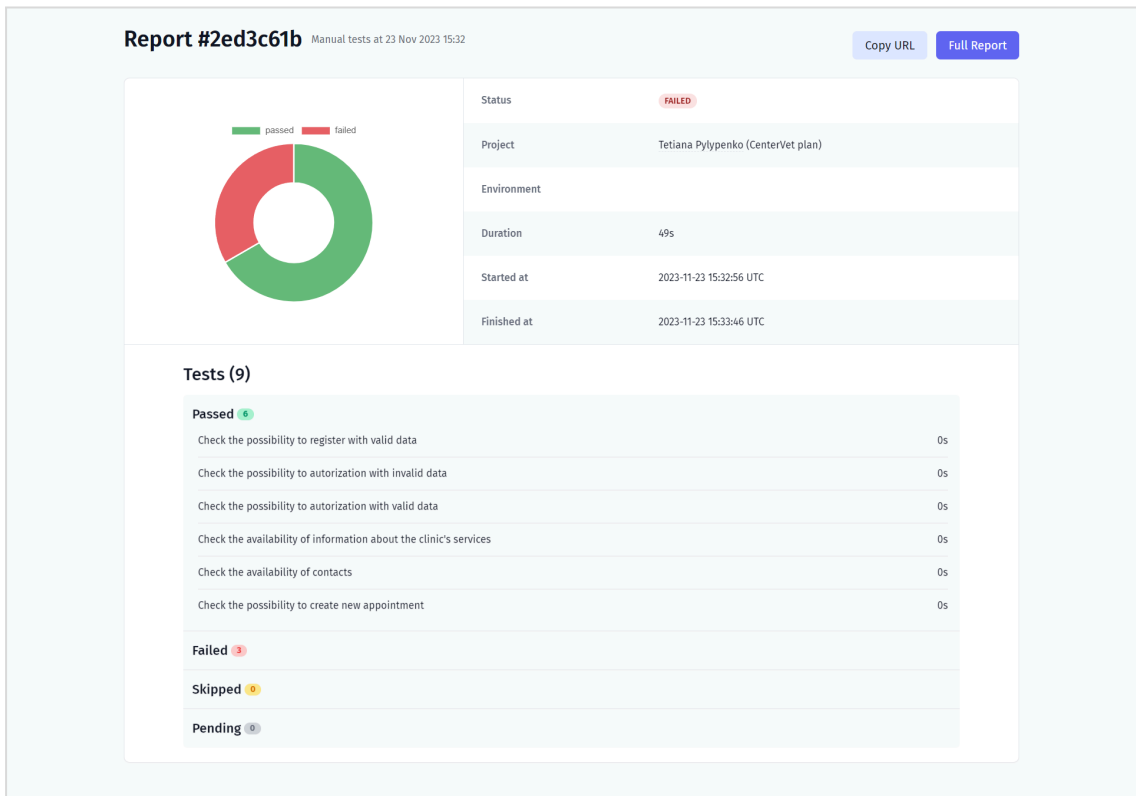
9. Test Execution

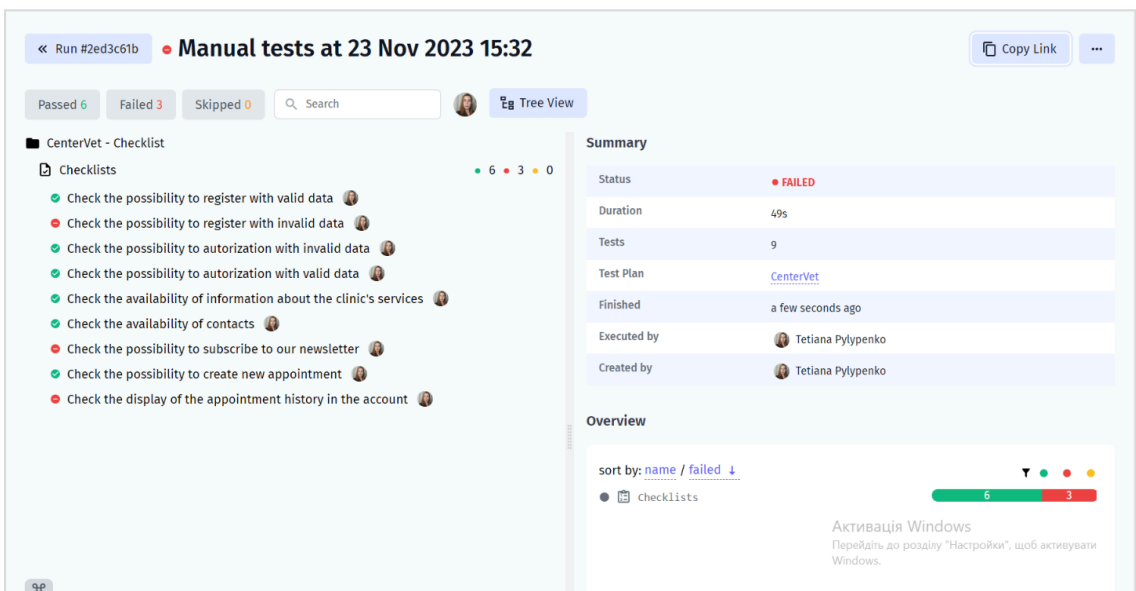Executing tests and reporting results starts after the user story is moved to the **"In testing"** column in Jira

- ## Link Checklist with User Story

● Create a Test Run in Testomat.io

Report #2ed3c61b Manual tests at 23 Nov 2023 15:32

Copy URL   Full Report

Status	FAILED
Project	Tetiana Pylypenko (CenterVet plan)
Environment	
Duration	49s
Started at	2023-11-23 15:32:56 UTC
Finished at	2023-11-23 15:33:46 UTC

passed   failed

Tests (9)

Passed 6

Check the possibility to register with valid data	0s
Check the possibility to autorization with invalid data	0s
Check the possibility to autorization with valid data	0s
Check the availability of information about the clinic's services	0s
Check the availability of contacts	0s
Check the possibility to create new appointment	0s

Failed 3

Skipped 0

Pending 0

● Full Report example

« Run #2ed3c61b • **Manual tests at 23 Nov 2023 15:32**

Copy Link   ...

Passed 6   Failed 3   Skipped 0   Search   Tree View

📁 CenterVet - Checklist

📄 Checklists   ● 6 ● 3 ● 0

- ✓ Check the possibility to register with valid data
- ✗ Check the possibility to register with invalid data
- ✓ Check the possibility to autorization with invalid data
- ✓ Check the possibility to autorization with valid data
- ✓ Check the availability of information about the clinic's services
- ✓ Check the availability of contacts
- ✗ Check the possibility to subscribe to our newsletter
- ✓ Check the possibility to create new appointment
- ✗ Check the display of the appointment history in the account

Summary

Status	● FAILED
Duration	49s
Tests	9
Test Plan	CenterVet
Finished	a few seconds ago
Executed by	Tetiana Pylypenko
Created by	Tetiana Pylypenko

Overview

sort by: name / failed ↓

● 📋 Checklists   6   3

10. Bug reporting

- Creating and sending bug reports
- Sorting bugs
- Communicate with developers to fix bugs

Bug report example

Review the bug which we find and assign it a priority. According to the priority, we assign the bug to a developer to fix or postpone it to the next release

11. Testing stages

- Exploratory testing
- Functional and non-functional testing
- Smoke testing
- Regression Testing

12. Test Environments

- Create and configure test environments
- Define hardware and software configurations

13. Platforms and environments

- **OS systems**
  - Windows 10 x64
- **Browsers**
  - Chrome 119.0.6045.160
  - FireFox 120.0
  - Opera
- **Mobile**
  - Android
  - Iphone
- **Devices 1**
  - Model: Samsung Galaxy S21 FE 6
  - Resolution: 6.4''
  - OS: Android
- **Devices 2**
  - Model: Iphone XR
  - Resolution: 6.1''
  - OS: IOS 17.0.3

14. Test Strategy

System Object and actions	Priority	Strategy	Test Design		Test Execution			Non-functional testing				
			Readiness	Link	Readiness	Link	Date of the last testing	Usability	Perfomance	Load	Rule	Environment
Registration	1	This is one of the main objects on the site that allows businesses to collect data about users and helps users to receive special conditions for using the site's services. To check the functionality, we created checklists with positive and negative scenarios that clearly answer the question "What are we checking?"	100%	Checklist	100%	Test Run	11/24/2023	100%	0%	0%	100%	100%
New user	1	Acceptable and unacceptable values for the field are defined and discussed with the team. Checklists are created and the following techniques are defined Test Design for checks: - Equivalent partitioning - Boundary values - Positive and negative checks	100%	Checklist	100%	Test Run	11/24/2023					
Registered user	1	The behavior of the system was discussed and agreed with the team when trying to register a user who is already in the database. Checklists have been written.	100%	Checklist	100%	Test Run	11/24/2023					
Authorization	1	This is one of the main objects on the site that allows businesses to collect data about users and helps users to receive special conditions for using the site's services and save their history. To test the functionality, we have created checklists with positive and negative scenarios that clearly answer the question "What are we checking?"	100%	Checklist	100%	Test Run	11/24/2023	100%	0%	0%	0%	100%
With email	1	Created the checklists with positiv and negative scenario, used the Test Design techniques - Equivalent partitioning - Boundary values	100%	Checklist	100%	Test Run	11/24/2023					
With social networks	2	Created the checklists with positiv and negative scenario, used the Test Design techniques - Equivalent partitioning - Boundary values	100%	Checklist	100%	Test Run	11/24/2023					
Forgot password	1	Check using databases, api	100%	Checklist	100%	Test Run	11/24/2023					
Form for making an appointment	1	Create checklists with positive and negative checks that clearly answer the question "What are we testing?" We use Test Design: - State Transition - Equivalence partitioning, - Boundary values.	0%	0%	0%			0%	0%	0%	100%	100%
Create an appointment	1	Discuss and agree with the team on acceptable and unacceptable values Create checklists with positive and negative checks. Using the Design test techniques - State transition - Equivalent partitioning - Boundary values	0%	0%	0%			0%				
Save an appointment	1	Use the exploratory testing	0%	0%	0%			0%				
Edit an appointment	2	Using the Design test techniques - Equivalent partitioning - Boundary values	0%	0%	0%			0%				
Delete an appointment	3	Use the exploratory testing	0%	0%	0%			0%				
User profile settings	2	Discuss and agree with the team on the available features for users. Create checklists with positive and negative checks. Use of the Test Design techniques - Equivalent partitioning - Boundary values	0%	0%	0%			0%	0%	0%	100%	100%
Change name	3	Can check using databases, api. Use the exploratory testing	0%	0%	0%			0%	0%	0%	0%	0%
Change password	2	Can check using databases, api. Use the exploratory testing	0%	0%	0%			0%	0%	0%	0%	0%
Change email	2	Can check using databases, api. Use the exploratory testing	0%	0%	0%			0%	0%	0%	0%	0%
Change phone	2	Can check using databases, api. Use the exploratory testing	0%	0%	0%			0%	0%	0%	0%	0%
Delete account	3	Can check using databases, api. Use the exploratory testing	0%	0%	0%			0%	0%	0%	0%	0%
Log out	2	Can check using databases, api. Use the exploratory testing	0%	0%	0%			0%	0%	0%	0%	0%
Total			**39%**	0	**39%**							

15. Test reporting

- Creating a report on the test results
- Link to the Test Run
- List and count of bugs
- Analysis of identified issues and recommendations for improvement