

DEAL MART

-AGILE TESTING APROACH SUMMARY-

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DEAL MART website overview

“ Deal Mart is a leading New Zealand distributor of everything from generators to couches, garden sheds to pool tables – to name just a few! “ -> Source:

<https://dealmart.co.nz/>

Deal Mart is a website which provides and markets various products such as tools, gardens articles, pieces of furniture as well as sports and gaming items.

It can be accesed at <https://dealmart.co.nz/>.

Exploring JIRA tool functionalities

Through this website I intended to get familiar with JIRA agile tool.

This is a demo project which help me understand the JIRA tool functionalities, roles and capabilities.

From creating an account to exploring all the JIRA features, this process was developed using Deal Mart website as a study material.

This document is a “ guide “ which describes plenary the agile process phases that I accomplished using JIRA tool as a resource.

Agile process using JIRA tool steps

Step 1

Creating a JIRA demo account on <https://www.atlassian.com/software/jira/agile>.

Step 2


Setting up the project.

Create project

Name
Dealmart

Key
DEAL ⓘ

Template



Scrum
Manage stories, tasks, and workflows for a scrum team. For teams that deliver work on a regular schedule.

Change template

Create Close



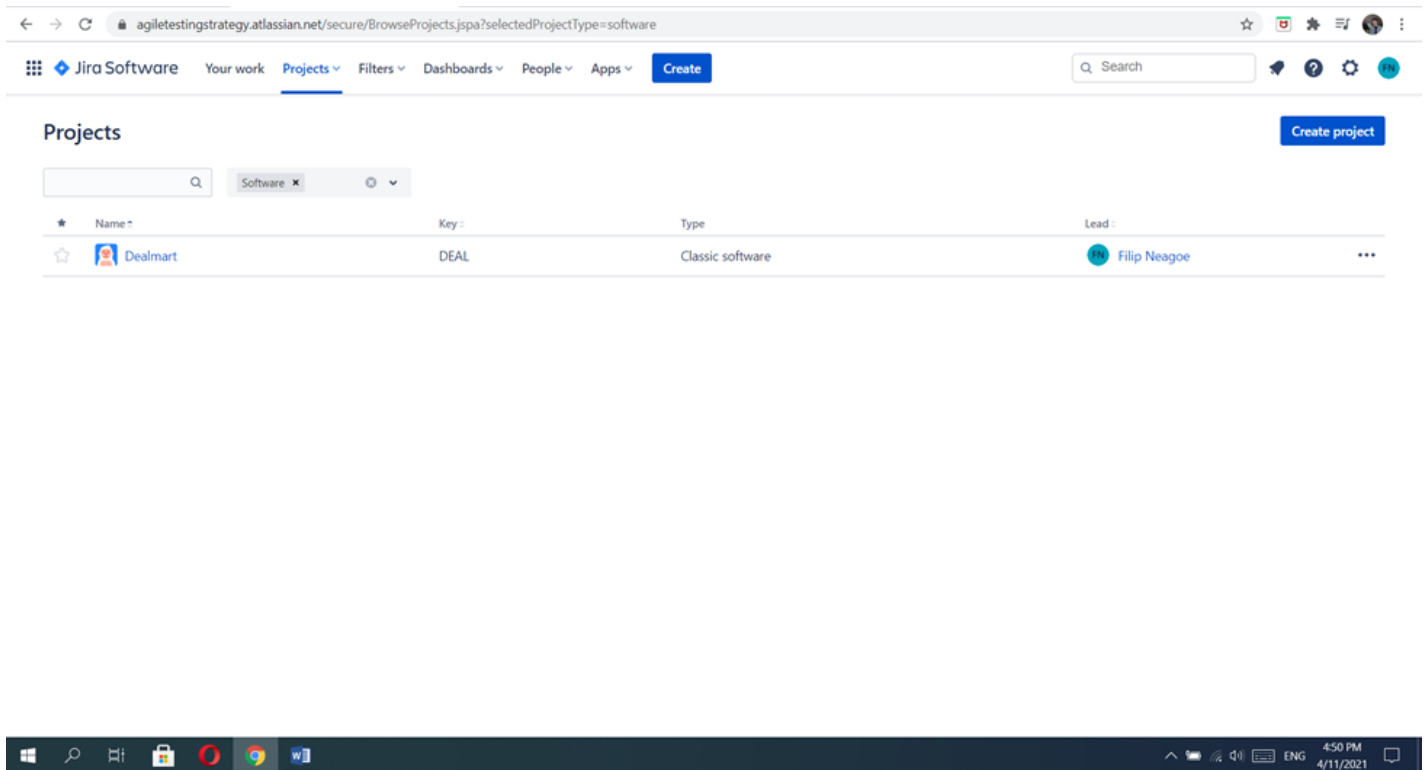
Let's get started

Give your site a name

Choose something familiar like your team or company

AgileTestingStrategy .atlassian.net ✓

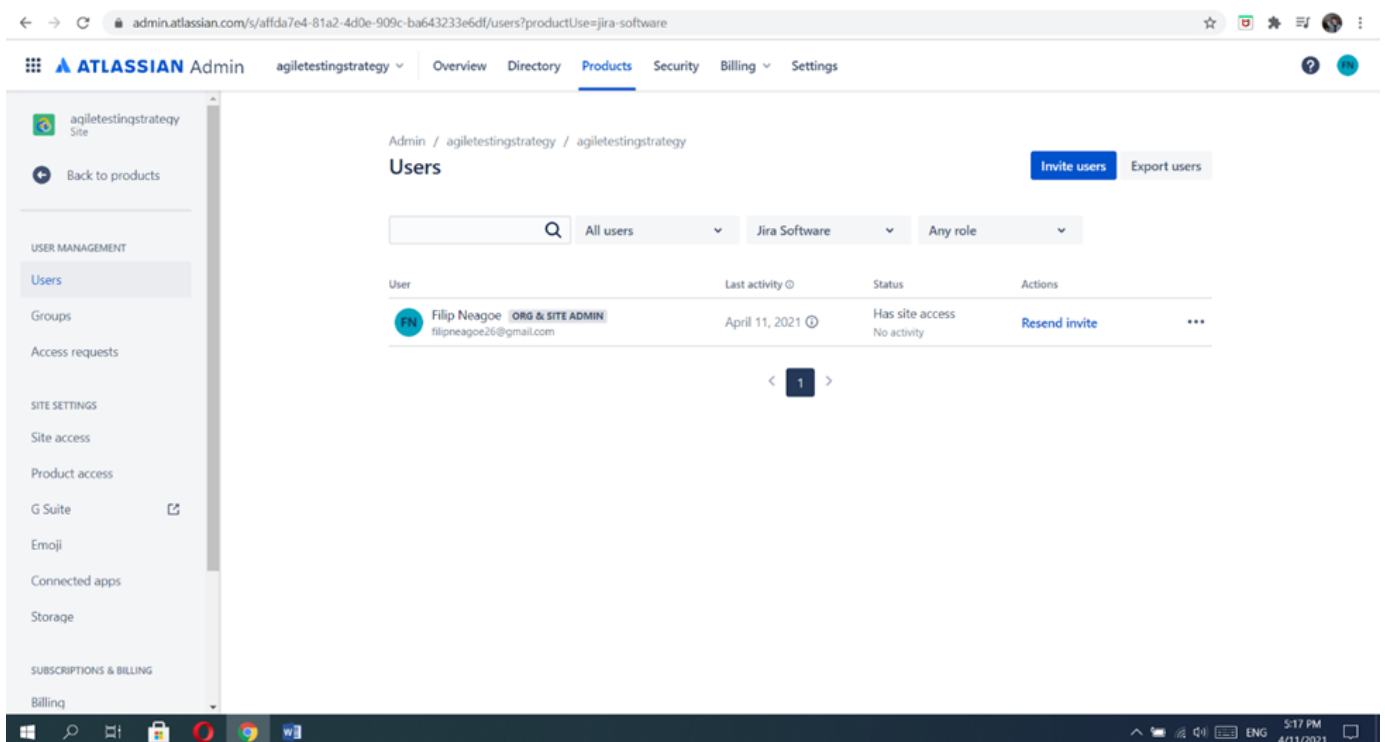
Continue



Step 3

Getting familiar with JIRA fundamental and depth-in functionalities.

- Exploring the User Management field.



- Discovering the Backlog section (already created an Epic and some User Stories ready to be distributed in sprints sessions accordingly to the Excel sheets that I also attach to this project).

The screenshot shows the Jira Software interface for the Dealmart project. The left sidebar contains navigation options: Dealmart (Classic software project), DEAL board, Roadmap, Backlog, Active sprints, Reports, Issues, Components, Code, Releases, Project pages, Add item, and Project settings. The main content area is titled 'Backlog' and shows a list of issues. The issues are organized into columns for Versions (DealV1.1) and Epics (Dealmart_Epic001). The Backlog list shows five issues, each with a status, priority, and assignee. A 'Create sprint' button is visible in the top right corner.

Note: Unfortunately, not all the executed steps are registered into this document. These are just a few captions that I made during this amazing and interactive process.

- Creating and set up sprints.

The screenshot shows the Jira Software interface for the Dealmart project, specifically the 'DEAL Sprint 1' board. The left sidebar contains navigation options: Dealmart (Classic software project), DEAL board, Roadmap, Backlog, Active sprints, Reports, Issues, Components, Code, Releases, Project pages, Add item, and Project settings. The main content area is titled 'DEAL Sprint 1' and shows a list of issues. The issues are organized into columns for 'TO DO', 'IN PROGRESS', and 'DONE'. The 'TO DO' column shows two issues, each with a status, priority, and assignee. The 'IN PROGRESS' and 'DONE' columns are currently empty.

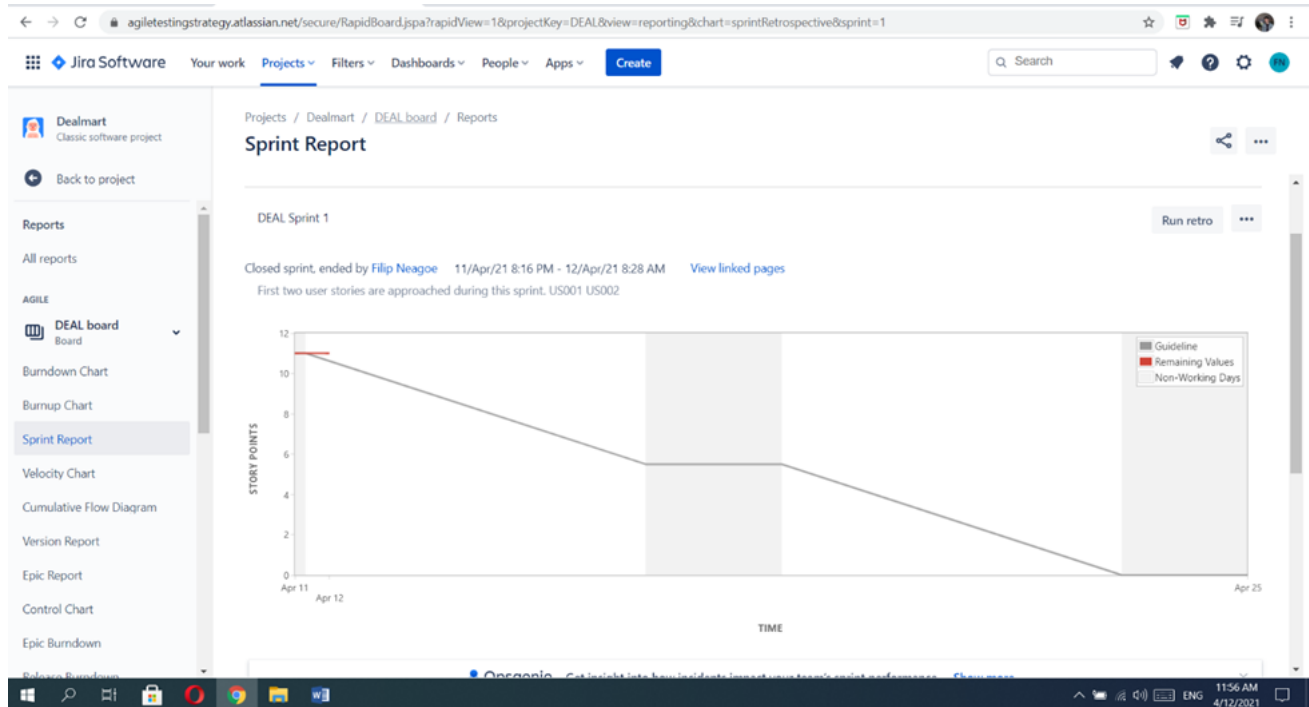
- Break User Stories into specific subtasks.

The screenshot displays the Jira Software interface for a project named 'Dealmart'. The left sidebar contains navigation options: Dealmart, DEAL board, Roadmap, Backlog, Active sprints, Reports, Issues, Components, Code, Releases, Project pages, Add item, and Project settings. The main content area shows a user story titled 'DEAL-1 / DEAL-2'. Below the title, there is a 'Subtasks' section with a progress bar indicating '0% Done'. The subtasks listed are: DEAL-7 Create Test Cases, DEAL-8 Review Test Cases, DEAL-9 Execute Test Cases, DEAL-10 Re-testing & Regression Testing, DEAL-11 Reporting bugs, DEAL-12 Dev - Designing, DEAL-13 Dev - Coding, DEAL-14 Dev - Unit / Integration / System Testing, and DEAL-15 Dev - deliver builds. Each subtask has a 'TO DO' status. To the right of the subtasks, there is a 'To Do' section with fields for Assignee (Filip Neagoe), Reporter (Filip Neagoe), Labels (None), Story Points (8), Epic Link (Dealmart_Epic001), Sprint (DEAL Sprint 1), Fix versions (DealV1.1), and Priority (Medium). A 'Show 3 more fields' link is also present. The bottom of the interface shows a Windows taskbar with various application icons and the system clock indicating 11:35 PM on 4/11/2021.

This screenshot is identical to the one above, showing the Jira Software interface for the 'Dealmart' project. It displays the same user story 'DEAL-1 / DEAL-2' with its subtasks and associated fields. The subtasks are: DEAL-7 Create Test Cases, DEAL-8 Review Test Cases, DEAL-9 Execute Test Cases, DEAL-10 Re-testing & Regression Testing, DEAL-11 Reporting bugs, DEAL-12 Dev - Designing, DEAL-13 Dev - Coding, DEAL-14 Dev - Unit / Integration / System Testing, and DEAL-15 Dev - deliver builds. The right-hand fields include Assignee (Filip Neagoe), Reporter (Filip Neagoe), Labels (None), Story Points (8), Epic Link (Dealmart_Epic001), Sprint (DEAL Sprint 1), Fix versions (DealV1.1), and Priority (Medium). The bottom of the interface shows a Windows taskbar with various application icons and the system clock indicating 11:35 PM on 4/11/2021.

Note: in this stage, all the Epic, US and subtasks concepts functionalities were explored and “played” with.

- Getting used to Sprint sessions behaviours
- Discovering Report and Charts section



DEAL Sprint 1

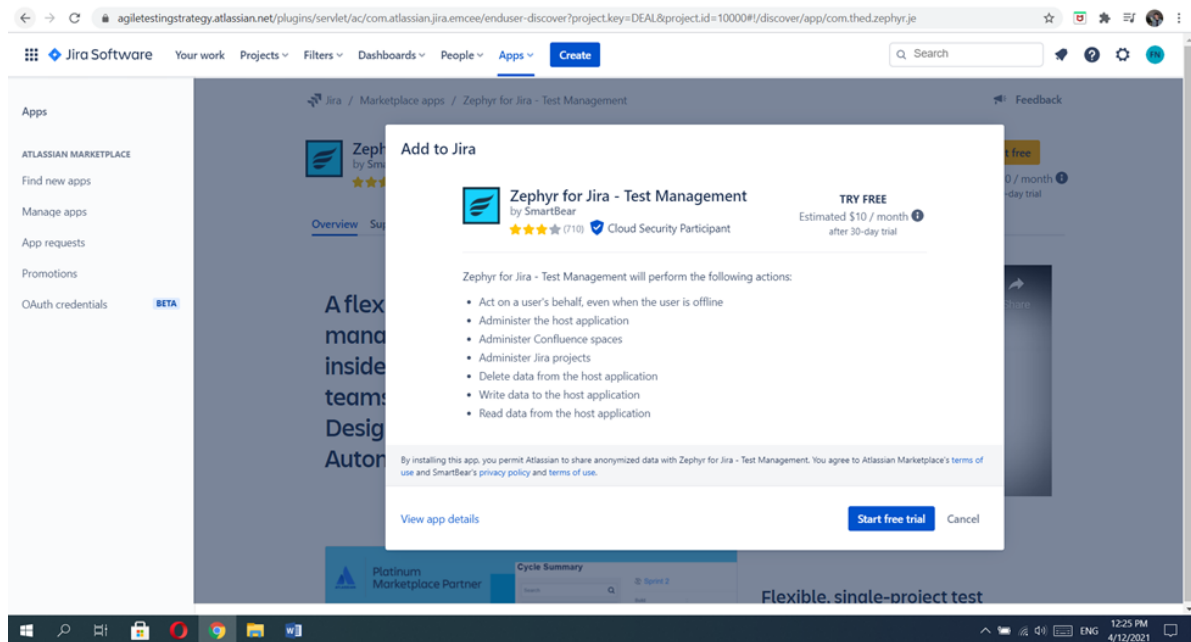
Completed Issues

Key	Summary	Issue Type	Priority	Status	Story Points (-)
DEAL-18 *	The user is not able to list the item in page.	Bug	High	DONE	-

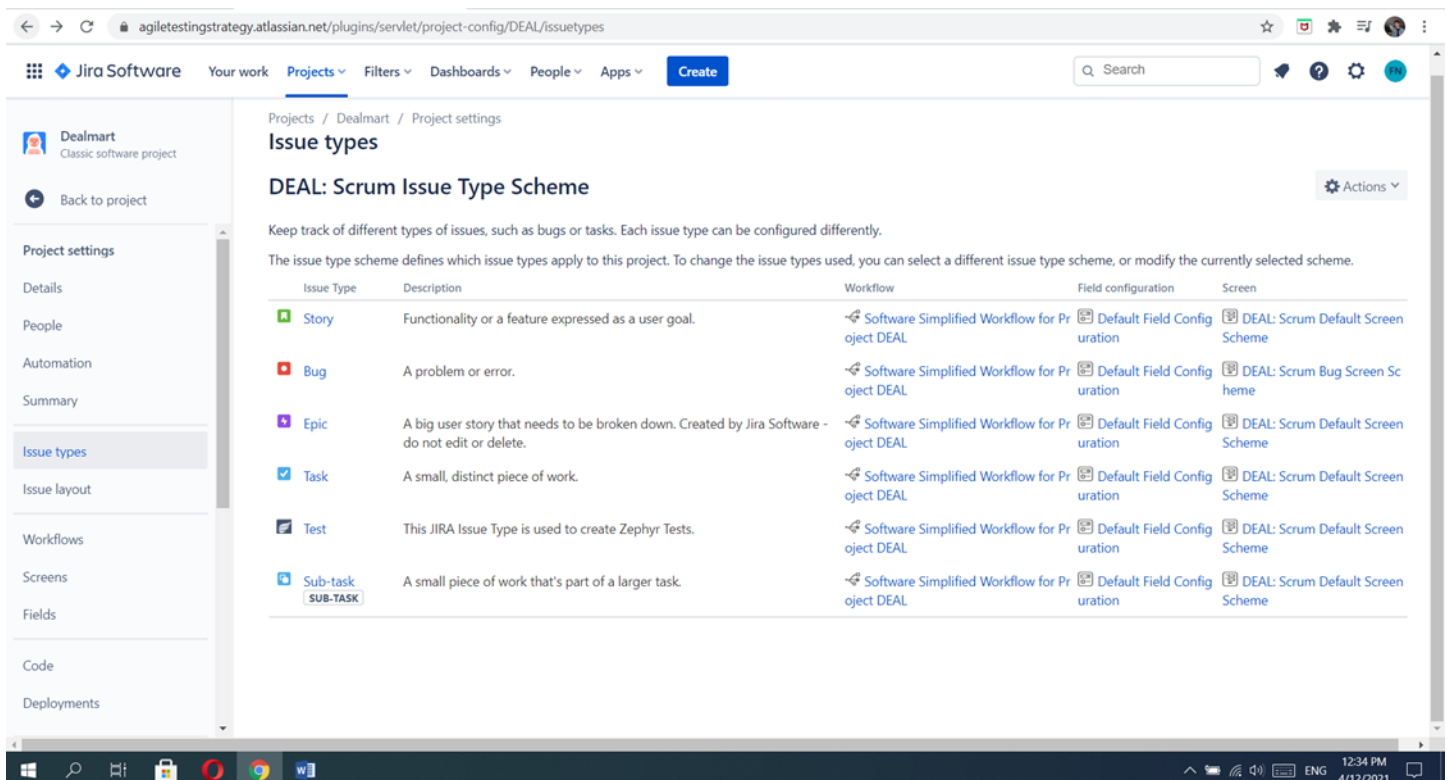
Issues Not Completed

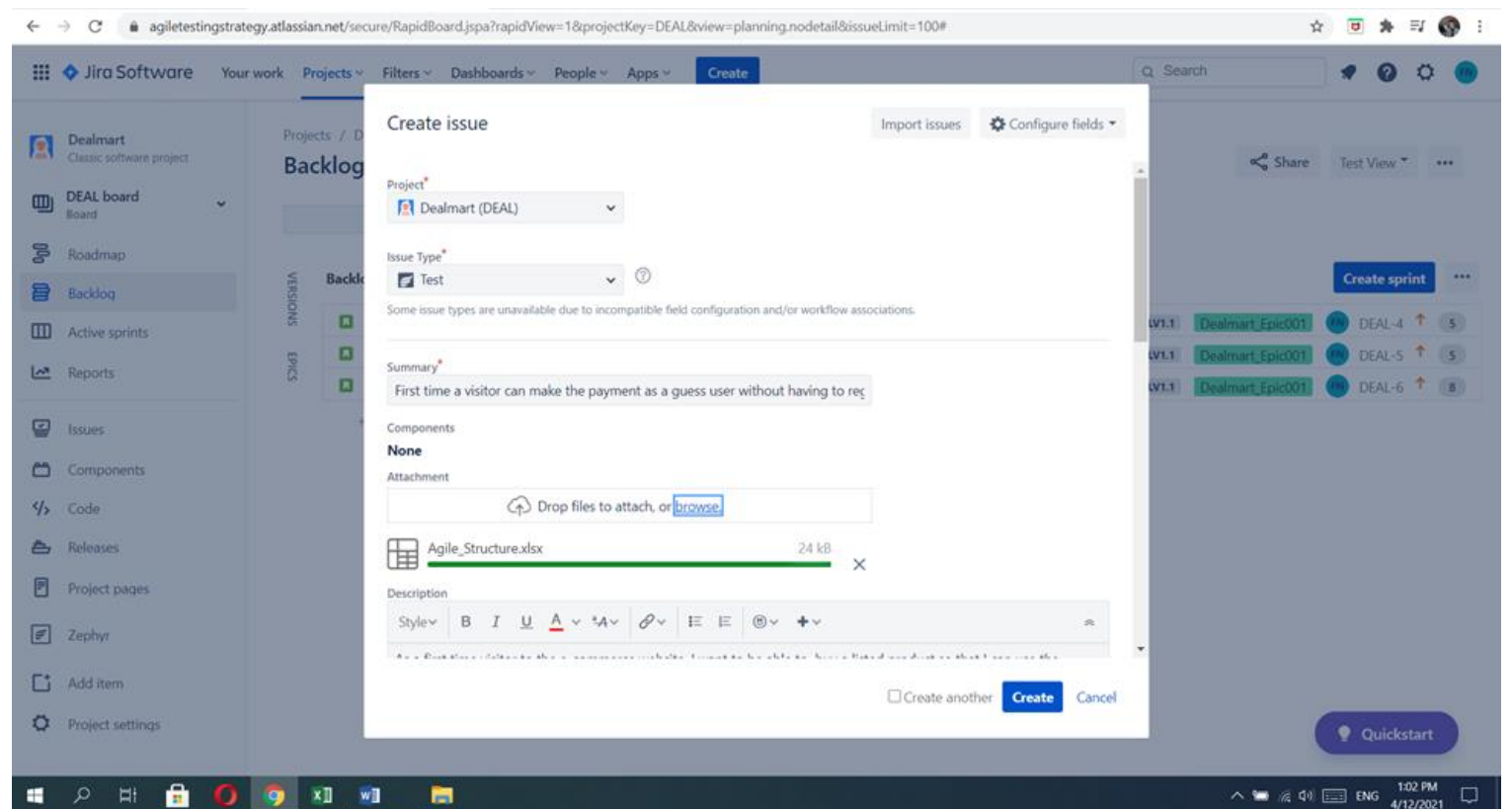
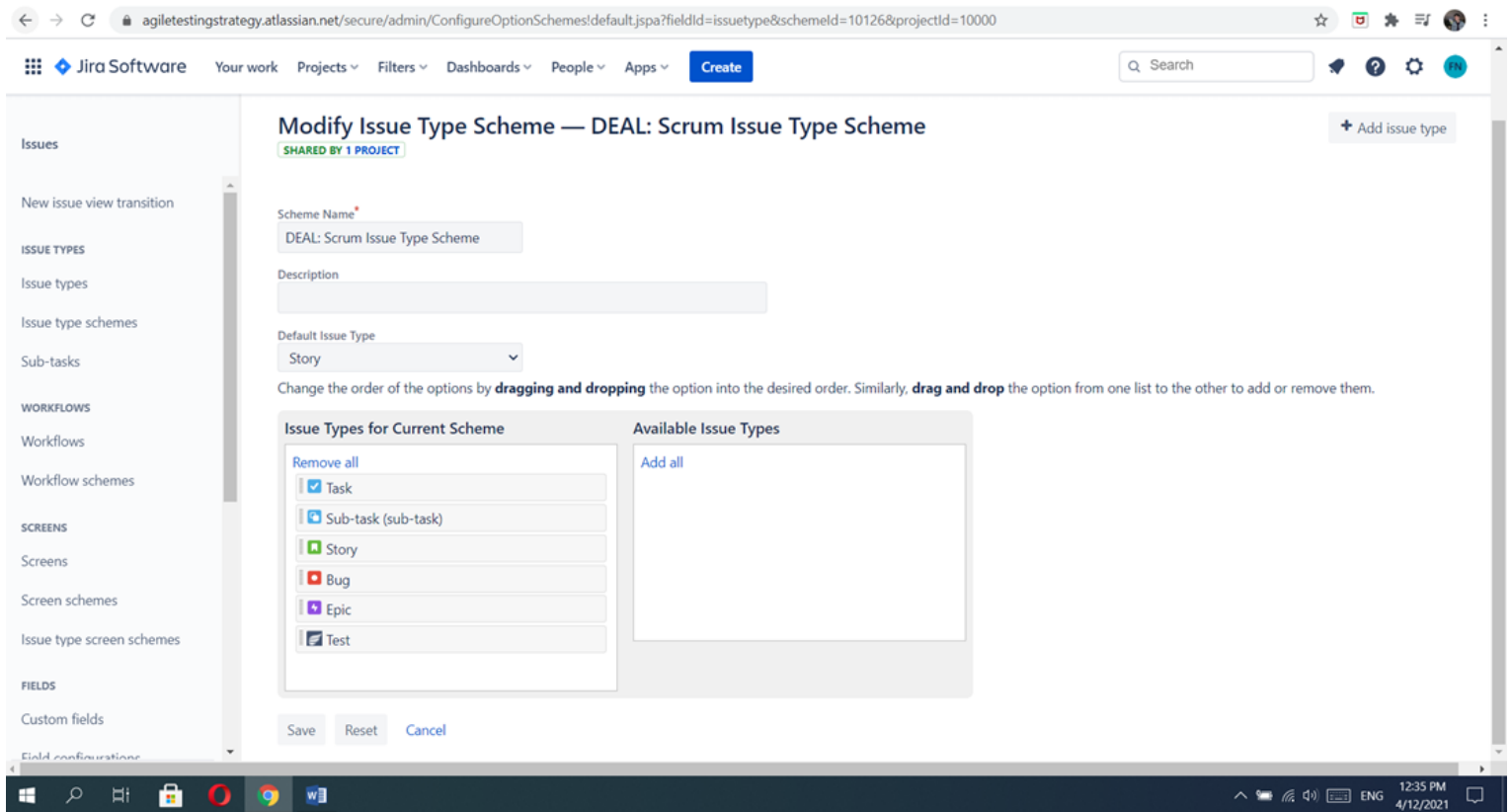
Key	Summary	Issue Type	Priority	Status	Story Points (11)
DEAL-2	First time a visitor can make the payment as a guess user without having to register. (US001)	Story	Medium	TO DO	8
DEAL-3	New user can register to the website. (US002)	Story	Medium	TO DO	3

- Discovering Zephyr test management framework and working with it until I get really comfortable using it in another projects.



- Working with a new Issue type -> Test type





- Set up all Test issues details and parameters.

Projects / Dealmart / DEAL-1 / DEAL-19

Agile_Structure.xlsx
12 Apr 2021, 01:02 PM

Zephyr Actions

Execute Add to Test Cycle(s)

Test Details

Lite

Add Step Columns

Test Step	Test Data	Test Result
1) Open application URL	N/A	User is able to list and buy the product.
2) Go to catalog page		
3) List a product		

To Do

Assignee: Filip Neagoe

Reporter: Filip Neagoe

Labels: None

Epic Link: Dealmart_Epic001

Fix versions: DealV1.1

Priority: Medium

Show 4 more fields
Original estimate, Time tracking, Components and Sprint

Created 7 minutes ago
Updated 7 minutes ago

Configure

Projects / Dealmart / DEAL-1 / DEAL-19

Test Details

Lite

Add Step Columns

Test Step	Test Data	Test Result	Action
1) Open application URL	N/A	User is able to list and buy the product.	
2) Go to catalog page	N/A		
3) List a product	N/A		
4) Add to cart	N/A		
5) Select payment method	N/A		
6) Complete payment	N/A		

To Do

Assignee: Filip Neagoe

Reporter: Filip Neagoe

Labels: None

Epic Link: Dealmart_Epic001

Fix versions: DealV1.1

Priority: Medium

Show 4 more fields
Original estimate, Time tracking, Components and Sprint

Created 11 minutes ago
Updated 11 minutes ago

Configure

In the next steps I linked test cases to relevant subtasks from the Testing tasks of user stories.

I created and set up Test Cycles in which I upload created Test issues.

All the tests were executed manually according to the defined steps.

The sprints were successfully completed and closed.

Finally, the Epic issue was closed.

Conclusions

All the section and tabs of JIRA tool were explored and used.

All created epics, user stories and test cases can be found in the attach Excel document.

The Deal Mart JIRA demo project can be also checked at

<https://agiletestingstrategy.atlassian.net/jira/software/c/projects/DEAL/boards/1/roadmap>

from my JIRA account: <https://dealmart.co.nz/account>.