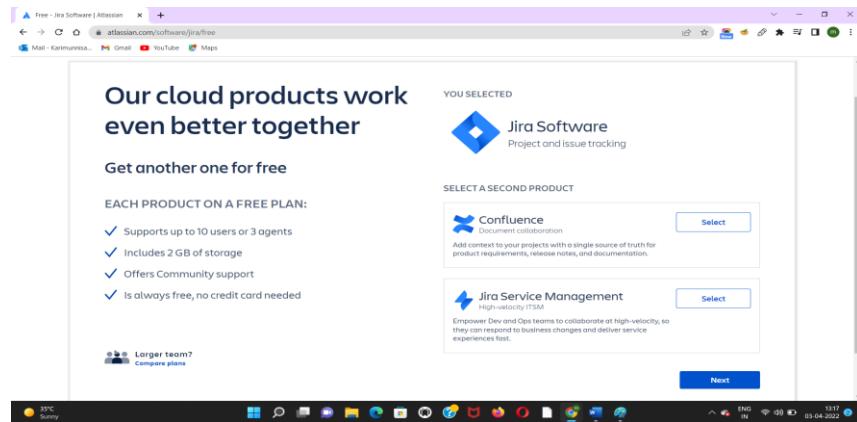


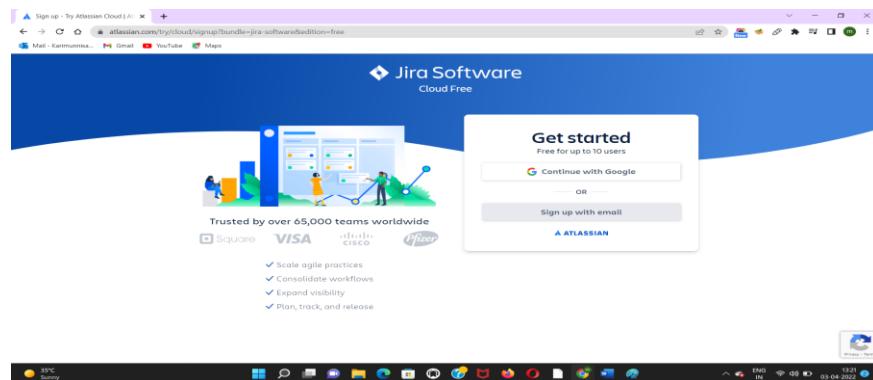
Link to configure jira cloud instance as below:

<https://www.atlassian.com/software/jira/free>

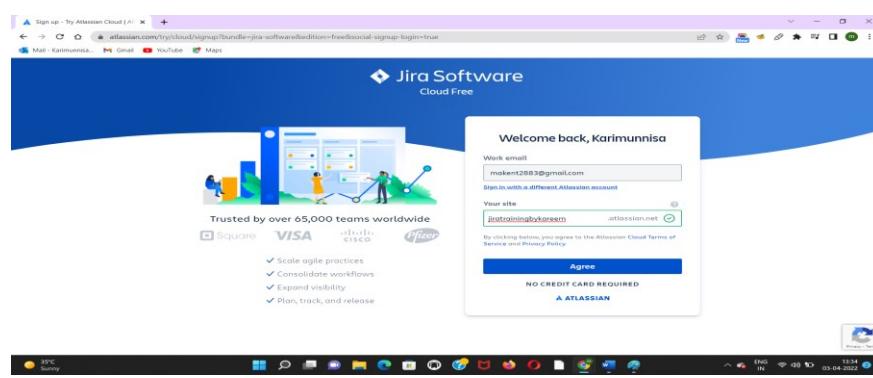
step 1: click on next don't select anything.



Step2:

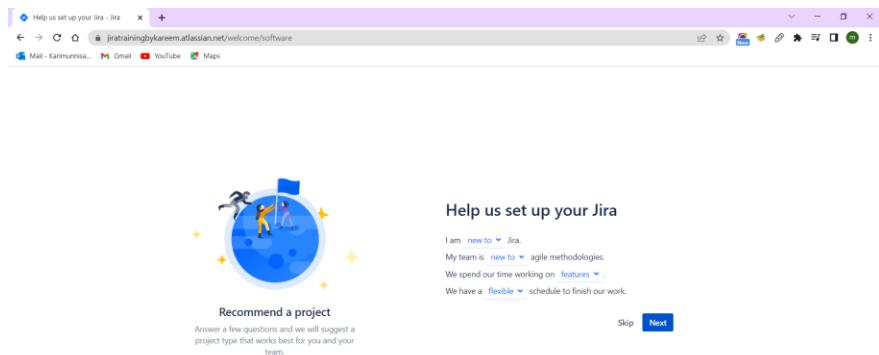


Step3: provide jira url name.as shown in below fig.



Step 4: skip the questions all

Step5:



All these steps are optional here, we can just skip these also options.

Step 6: Select scrum and then click on next

Step 7:

Create project

Name

Key
 Info

Template
 **Scrum**
Manage stories, tasks, and workflows for a scrum team. For teams that deliver work on a regular schedule.
[Change template](#)

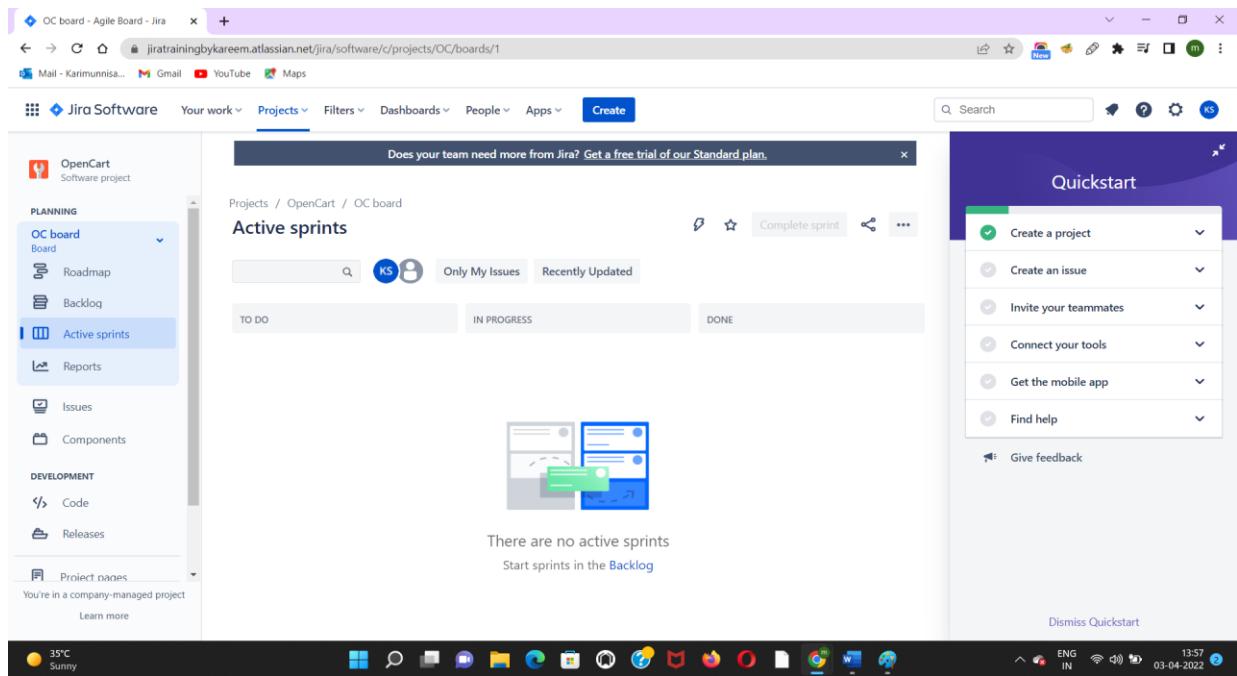
Cancel Create

Project name: OpenCart

Key: oc

Then click on create

Step 8: project will get created and look like



Step 9: Agile Scrum Activities :

Agile scrum activities

- 1) How to create project in Jira
- 2) How to add users/people in Jira

- 3) How to create Backlog -->Epic
- 4) How to create stories in Jira & add story points

- 5) Creating sprint in Jira
- 6) Adding user stories to sprint
- 7) Starting sprint

- 8) Adding sub-tasks to story
- 9) Sprint life cycle

1) How to create project in Jira:

Select project option -> create project -> select classic project -> and then create project page displays then enter project name and provide key and then click create.

2) How to add users/people in Jira:

Goto Settings -> user management -> then add email addresses fo team memebrs .

3) How to create Backlog -> Epic

The screenshot shows the Jira Software interface for creating an Epic. The 'Create Epic' dialog box is open, prompting for the following details:

- Project:** OpenCart (OC)
- Issue type:** Epic
- Epic Name:** OpenCart_Epic_001
- Summary:** For a new e-commerce website to launch, highest business value will be when a new user is able to buy an item from
- Reporter:** Karimunnisa Syed

At the bottom right of the dialog box are the 'Cancel' and 'Create' buttons.

After creation of Epic, it look like as below

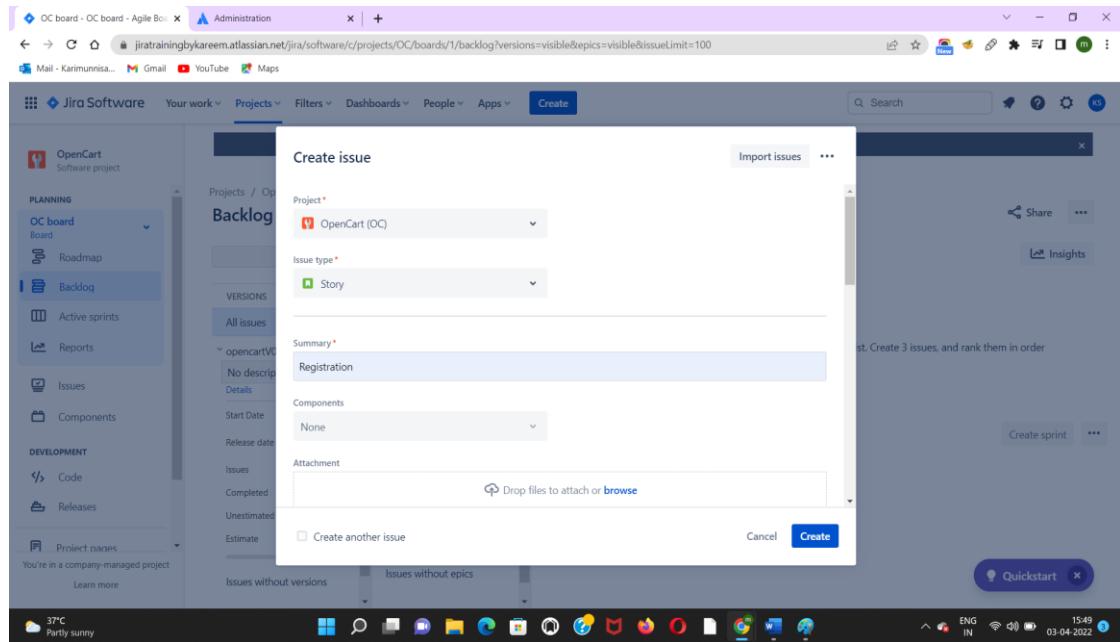
The screenshot shows the Jira Software interface for the 'Backlog' of the 'OpenCart / OC board' project. The backlog list includes the newly created Epic:

- All issues
- OpenCart_Epic_001

A callout box highlights the epic with the text: "Plan your team's work. The backlog is your team's to-do list. Create 3 issues, and rank them in order of priority."

4) How to create stories in jira and add story points:

Click on “create” option and under that select issue type “story” then provide summary of story, and attach any documents if required , this will be done by product owner and in description mention description , select reporter(po) , select assignee , priority, epic link (under which epic we are creating story), then click on create another issue link to create another issue details. As shown in below



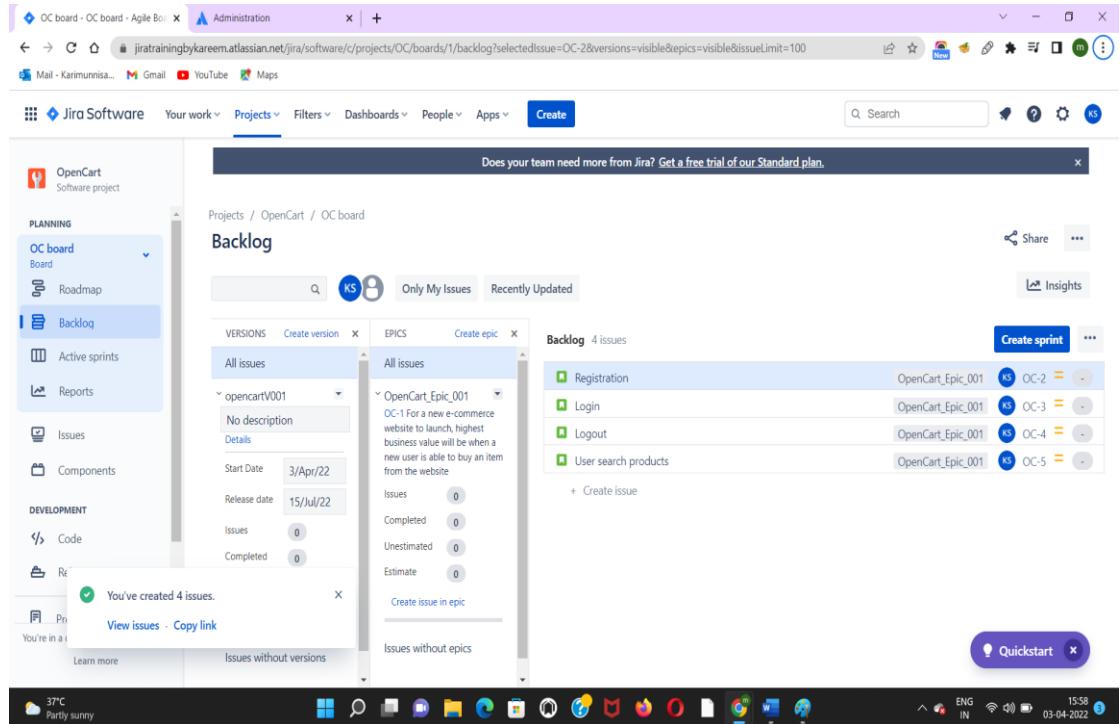
Then, if we want to create another issue, then click on create another issue link and enter details, as shown above same process. For Registration, login, logout, user search products etc.

Note:

These activities are done by product owner not tester.

Now,

After creation of all user stories under epic , it looks like this.

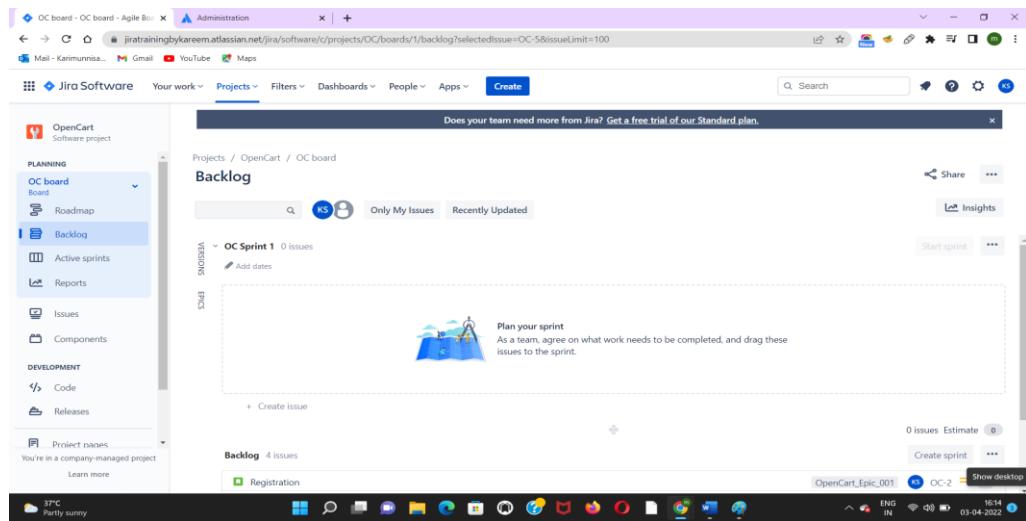


Now, we need to add story points to stories, to select particular story in specified sprint.

- Click on story eg: Registration -> and provide story point as shown in excel file. And the story point for registration looks like above
- With this step 4, backlog is ready with user stories.

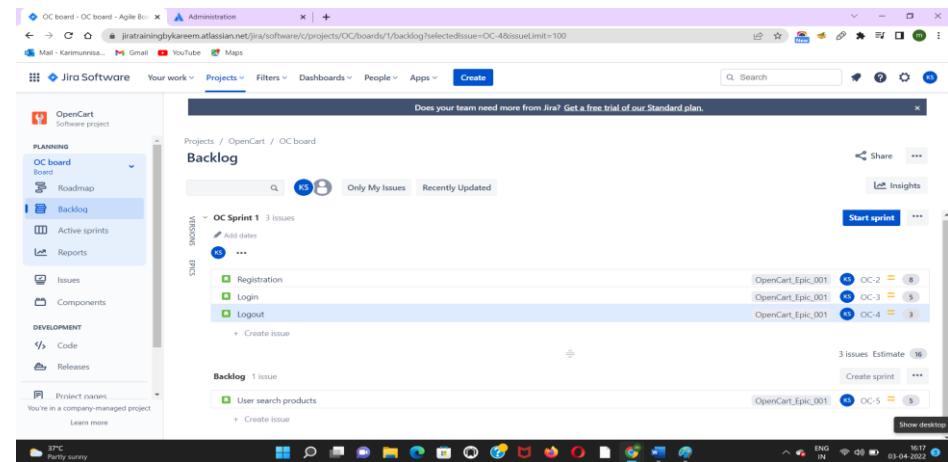
5) Creating Sprint in Jira :

To create a sprint, just click Create Sprint option, and a new screen appears like-



As per discussion, they planned registration, login, logout to develop and test under sprint-1. So now just have to drag and drop those stories into this sprint (plan your sprint option box).

After dragging them it looks like as below.

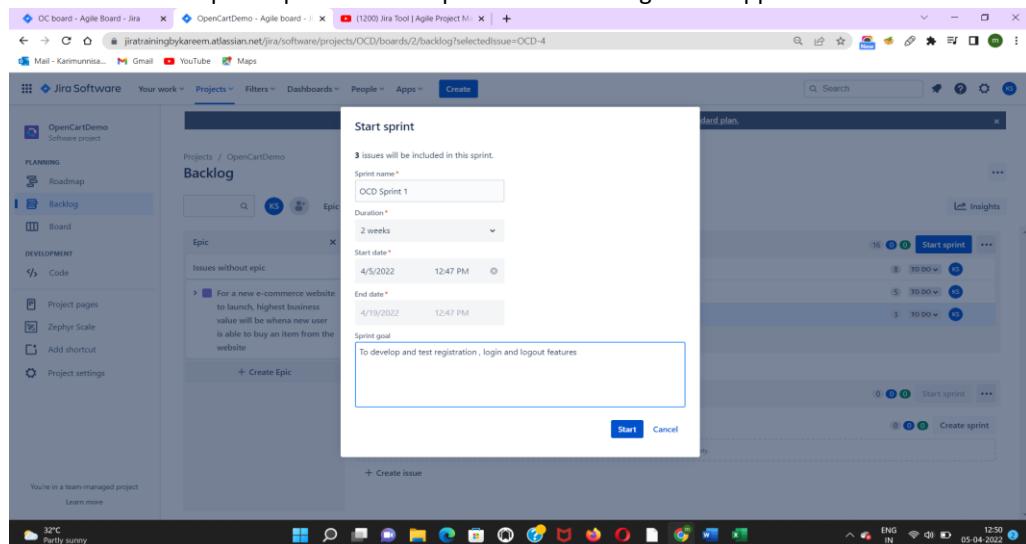


6) Add User Stores to Sprint :

As above we have added stories to the sprint by dragging stories from backlog to that sprint.

7) Starting Sprint :

Just click on start sprint option to start sprint. Then a dialogue box appears looks like below-



After entering duration, start date, goal : (To develop and test registration , login and logout features) and then click on **start** option , then

The **Scrum board** looks like as below –

OC board - Agile Board - Jira Administration Projects OC boards / OC board OC Sprint 1 10 days remaining Complete sprint Insights

PLANNING OC board Board Roadmap Backlog Active sprints Reports Issues Components DEVELOPMENT Code Releases Project names

37°C Partly sunny ENG IN 16:24 03-04-2022

Scrum Master will move these stories from one stage to another ie from

todo -> in progress -> done,

by getting status from developer and tester.

We can see the status everything in this board.

Now from scrum board, we need to drag those stories from do to in progress and then to close.

Note:

developer and tester will have their own tasks.

To add **tasks** for each stories, first click on Registration story and then a small window opens as shown below:

OC-1: For a new e-commerce website to launch, highest business value will be when a new user is able to buy an item from the website OC board - Agile Board - Jira Administration Projects OC boards / OC-1 OC-2 Registration Attach Create subtask Link issue ...

Description As a first-time visitor to the e-commerce website I want to register my account, so that I can login to application.

Activity Show: All Comments History Work log Newest first 17 Add a comment... Pro tip: press M to comment

To Do Pinned fields Click on the X next to a field label to start pinning.

Details Assignee Karimunnisa Syed Reporter Karimunnisa Syed Labels None Story Points 8 Epic Link OpenCart_Epic_001 Sprint OC Sprint 1 Priority Medium

ENG IN 21:46 03-04-2022

To create task,

Click on registration story and click on create subtask from above window,

Or

Just goto project dashboard, there click on create option then select task from it. This option will create task for any story.

but if we want to create task for a specific story, then follow first step ie click on create subtask option from registration story. As shown in above window.

So, first add development tasks

As shown in below window

The screenshot shows a Jira Software interface for a project named 'OpenCart Software project'. A modal window is open over the main dashboard, which displays a backlog of stories like 'OC-1' and 'OC-2'. The modal is titled 'Registration' and contains a 'Subtasks' section. It lists four subtasks: 'OC-6 Understand requirements (Dev & QA)', 'OC-7 Desing', 'OC-8 Development', and 'OC-9 Unit Testing'. Each subtask has a progress bar indicating '0% Done'. Below the subtasks is a button to 'Add a comment...'. To the right of the subtasks, a sidebar shows pinned fields for the story, including assignee (Karimunnisa Syed), reporter (Karimunnisa Syed), labels (None), story points (8), epic link (OpenCart_Epic_001), sprint (OC Sprint 1), and priority (Medium). The status bar at the bottom right shows the date as 03-04-2022 and time as 21:55.

After adding task to registration story, then close the window. Then the scrum board looks like as below:

The screenshot shows the Jira Scrum board for the 'OC Sprint 1' sprint. The board has three columns: 'TO DO', 'IN PROGRESS', and 'DONE'. In the 'TO DO' column, there is one item: 'OC-2 TO DO 8 sub-task Registration'. This item has eight sub-tasks under it: 'Understand requirements (Dev & QA)' (OC-6), 'Desing' (OC-7), 'Development' (OC-8), 'Unit Testing' (OC-9), 'Integration Testing' (OC-10), 'Bug fixing' (OC-11), and two other issues. The 'IN PROGRESS' and 'DONE' columns are currently empty. The status bar at the bottom right shows the date as 03-04-2022 and time as 21:57.

Now to create QA tasks, click on same registration story, and click on create subtask and then add QA tasks one by one.

Then close the window.

- After adding all tasks, then we need to do progress.
- So to do progress, just click on tasks one by one for eg: click on understand requirement -> change To Do to In Progress , then the task will move from Todo to InProgress , as shown in below fig:

- Once it is done, then click on that task and change to Done and close the window, then it looks like

This means, for this task ie understanding requirement for both dev and qa is completed.

- Then click on Design task and then change from TODO to Done.

- Now development and creating testscenarios and testcases will do parallelly. So move them both from TODO to INProgress, as shown below:

- Then move Unit Testing, Integration Testing, Bug fixing to Done state. ie developers tasks completed

→ Now left with QA tasks, lets move setup env and to InProgress and then to Done state both setup env and creating testcases.

Then we are left with executing testcases and verify bugs tasks.

->then move development and executing testcases to Done state, then we left with verify bug task. Then move this verify bug to Done state. To complete this user story called “Registration”.

Note:

Once tasks of Registration user story completed, then move this user story to Done. By clicking on “move to done” option.

OC board - Agile Board - Jira

Projects / OpenCart / OC board

OC Sprint 1

To develop and test registration, login and logout features.

TO DO

IN PROGRESS

DONE

Only My Issues Recently Updated

OC-2, TO DO | 10 sub-tasks Registration

Other Issues 2 issues

Login [OpenCart_Epic_001] OC-3

Logout [OpenCart_Epic_001] OC-4

Move to Done

PLANNING

OC board

Roadmap

Backlog

Active sprints

Issues

Components

DEVELOPMENT

Code

Releases

Project names

You're in a company-managed project

Learn more

Note:

Similarly same thing will be done for every story.

Test Mgmt Activities – Zephyr plugin

Test Management Activities (Zephyr)

- 1) Test cases
- 2) Test cycle
- 3) update test cases passed/failed/blocked
- 4) Report bugs
- 5) Reports

How to install zephyr plugin

How to create Test case in Jira Manually

How to import multiple test cases in to Jira tool

Creating test cycles

Add test cases to cycle

Execute/Update Test cases

Reporting bugs

Reports in Zephyr

Traceability Matrix

- 1) Create testcases or import all testcases in jira
- 2) Execute test cycle(sanity cycle, re / regression cycle)
- 3) Update testcases passed/failed/blocked
- 4) Report bugs
- 5) Generate reports.

To install Zephyr plugin in jira,

→ Goto Apps option in jira, and then click on find more apps option,

To **create testcases** in zephyr:

Created folder by project name and then click on create testcase and then added summary
Login to application and description and then save.

→ Click on create testcase as shown below

The screenshot shows two Jira Software windows side-by-side. The top window displays the 'TEST CASES' screen for the 'OpenCart Software project'. A context menu is open over the 'All test cases' list, with the 'Create test case...' option highlighted. The bottom window shows the details of a specific test case named 'OC-T1 (1.0)'. The 'Details' tab is selected, showing fields for Name (Login to application), Objective (Login to Application), Precondition (Click to type the precondition), and Details (Status: Draft, Priority: Normal, Component: None, Owner: Karimunnisa Syed, Estimated Time: 0h:00m). The 'Test Script' tab is also visible.

Click on created testcase, and then under test script Write test steps, data, result as shown below

The screenshot shows the Jira Software interface for a project named 'OpenCart'. The left sidebar includes sections for 'Issues', 'Components', 'Development', and 'Zephyr Scale'. The main content area displays a 'Test Script' for a test case titled 'Login to application'. The 'Test Script' tab is selected, showing a step-by-step process:

Step	Action	Test Data	Expected Result
1	open application url	www.opencart.com	app url open and able to see home page
2	Click to type the test data	Click to type the expected result	Hint: when editing the last step, press tab to add a new one.

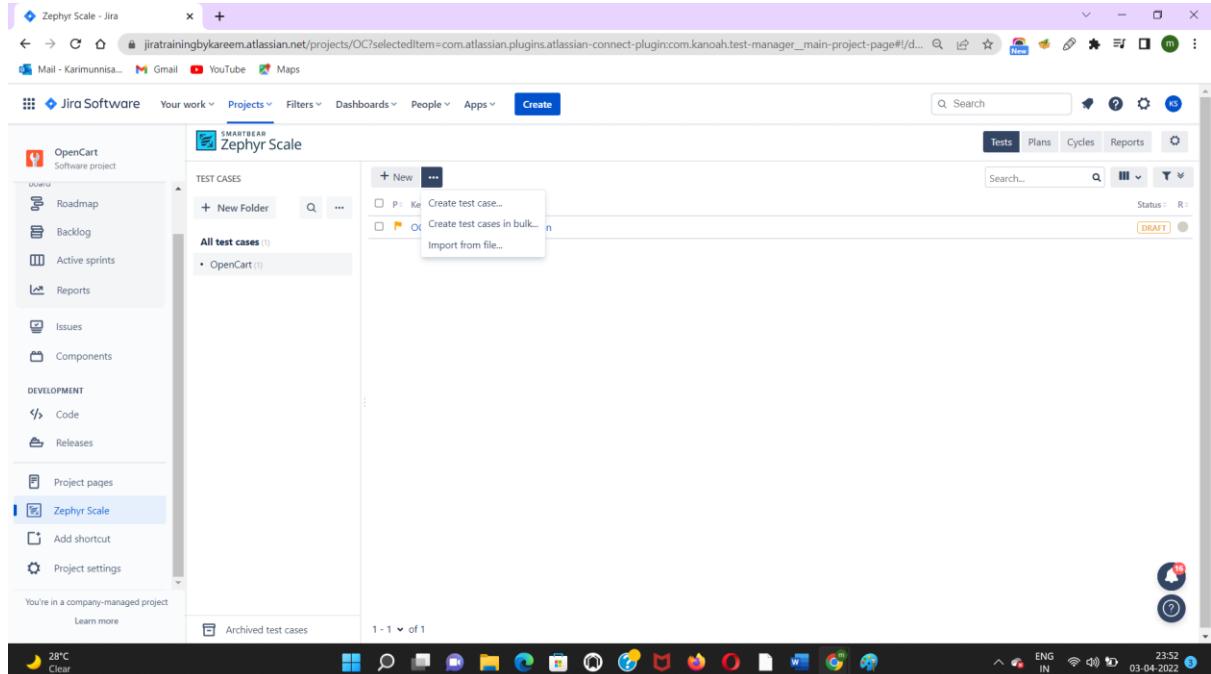
I created 3 steps

The screenshot shows the Jira Software interface for a project named 'OpenCart'. The left sidebar includes sections for 'Issues', 'Components', 'Development', and 'Zephyr Scale'. The main content area displays a 'Test Script' for a test case titled 'Login to application'. The 'Test Script' tab is selected, showing a step-by-step process:

Step	Action	Test Data	Expected Result
1	open application url	www.opencart.com	app url open and able to see home page
2	provide valid user name and password	valid user and password	text fields should allow values
3	click on submit button	n/a	user should go to myaccount page

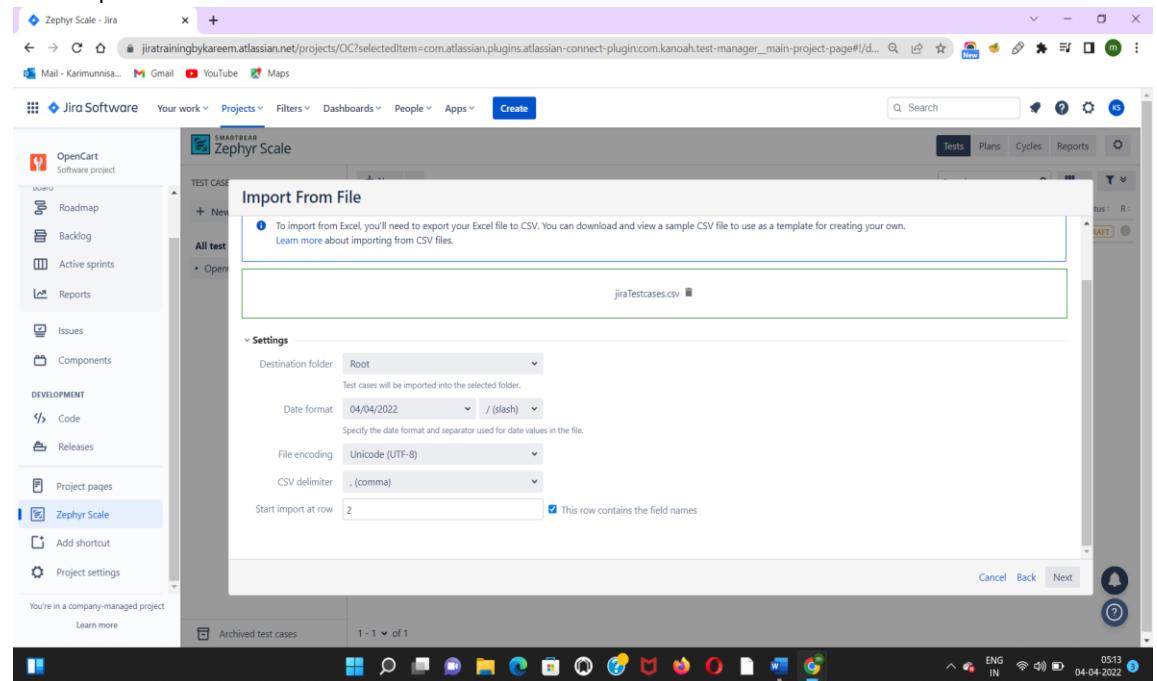
Now I want to import all testcases ,

Select import from file as shown below:



→ Import the file, and set some settings like

Start import a row from 1



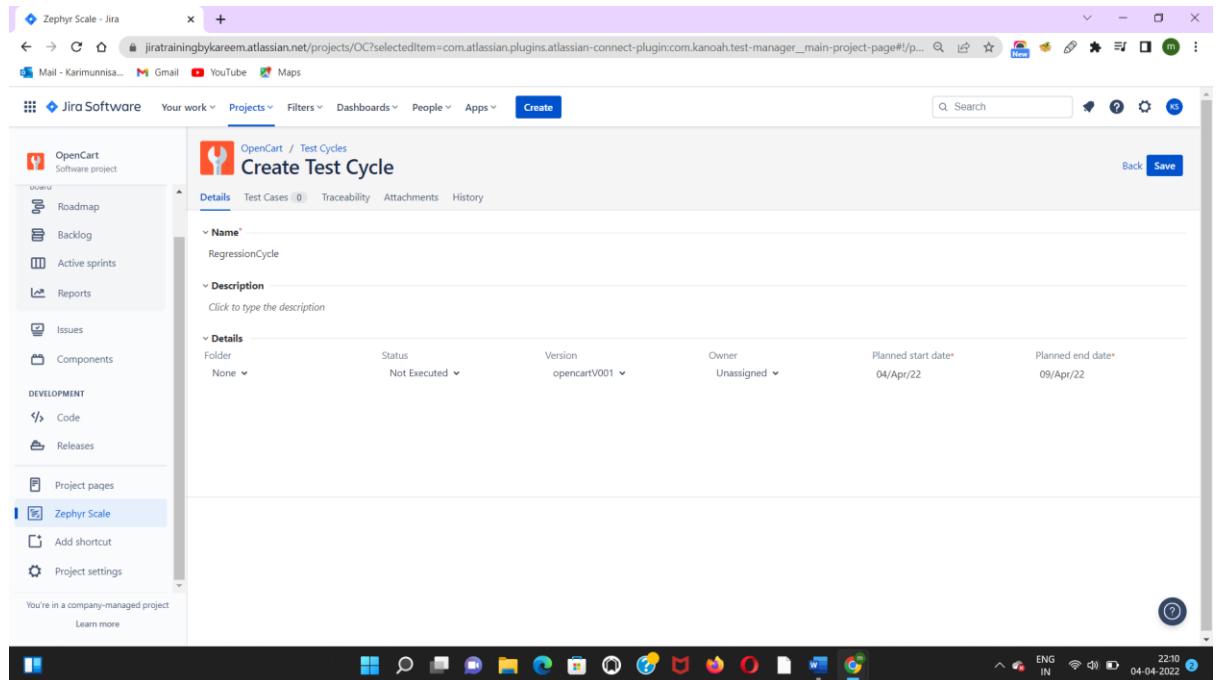
The image consists of two vertically stacked screenshots of a computer desktop. Both screenshots show the Jira Software application running in a web browser window titled "Zephyr Scale - Jira".

Screenshot 1 (Top): This screenshot shows the "Import From File" dialog. The "Field Mapping" tab is selected. It lists several CSV fields and their corresponding Zephyr Scale fields:

CSV Field	Zephyr Scale Field
Register User	Name
Validate Registering an account by providing the account details	Test Script (Plain Text)
1	Objective
Open Application URL	Test Script (Step-by-Step) - Step
http://opencart.com	Test Script (Step-by-Step) - Test Data
Field 6	None
Field 7	None

Screenshot 2 (Bottom): This screenshot shows the same "Import From File" dialog, but the "Field Mapping" tab is no longer selected. A message box at the top left states: "The field Name must be mapped in order to continue." The table of mappings is identical to the one in the first screenshot.

Now,
-create test cycle, by selecting create test cycle option.

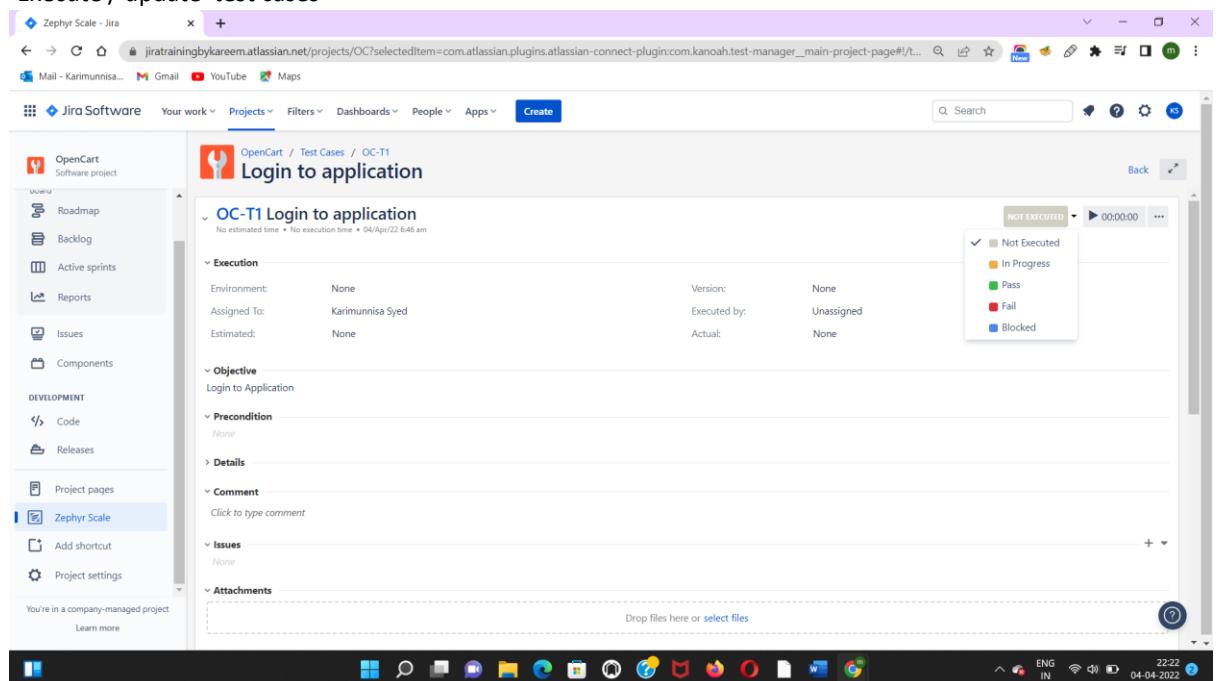


Then click on save.

-Now, we need to add testcases to this test cycle.

By clicking add testcases

-Execute / update test cases



Click on pass after that click on oc-t1, then it looks like below:

The screenshot shows a Jira Software interface for a project named "OpenCart". The main view is titled "Login to application" under the "Execution" tab. A table displays a single test case entry:

Key	Status	Actual End Date	Estimated	Actual	Assigned To	Executed by	Environment	Test Cycle	V	Issues	T
OC-E1	PASS	04/Apr/22 10:23 pm	-	-	Karimunnisa Syed	Karimunnisa Syed	-	OC-R1	1.0	0	0

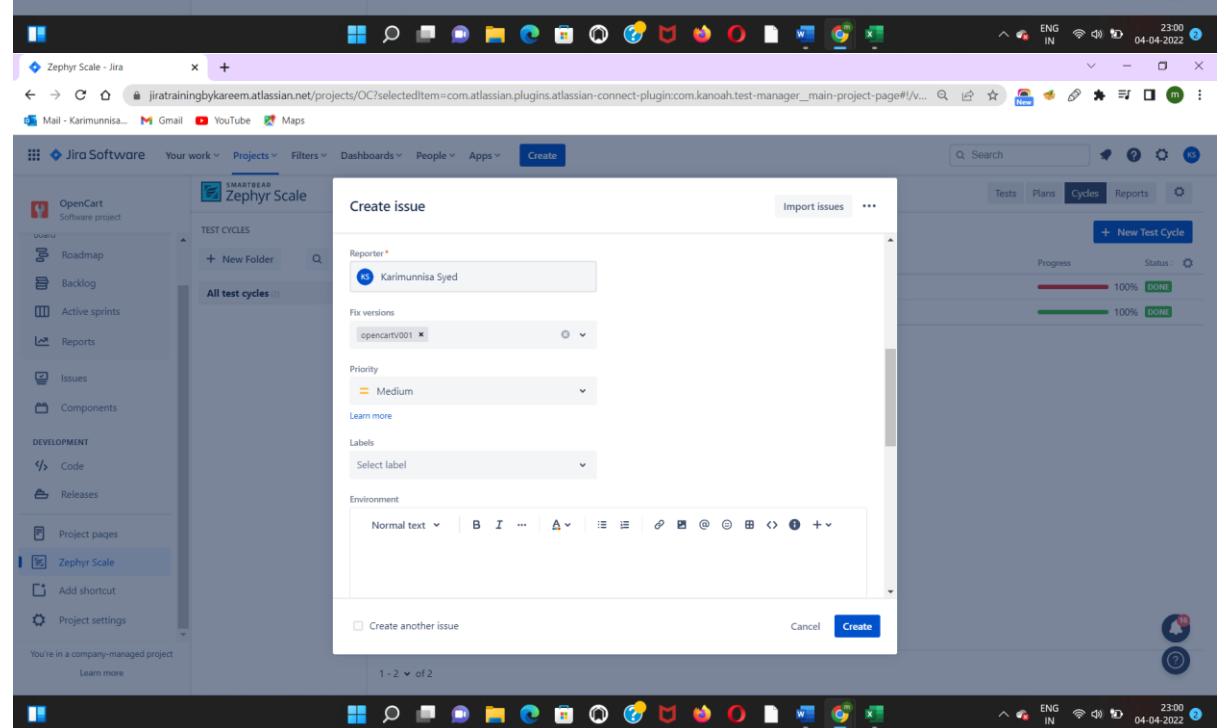
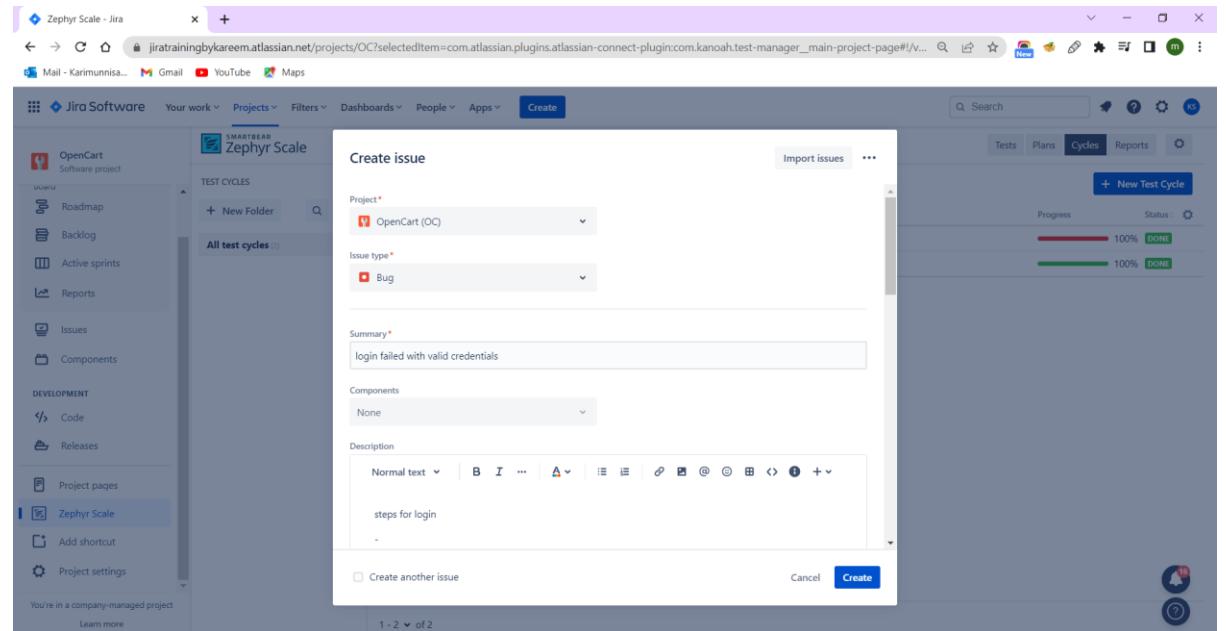
The left sidebar shows various project management sections like Roadmap, Backlog, Active sprints, Reports, Issues, Components, Development (Code, Releases), Project pages, and Zephyr Scale. The Zephyr Scale section is currently selected.

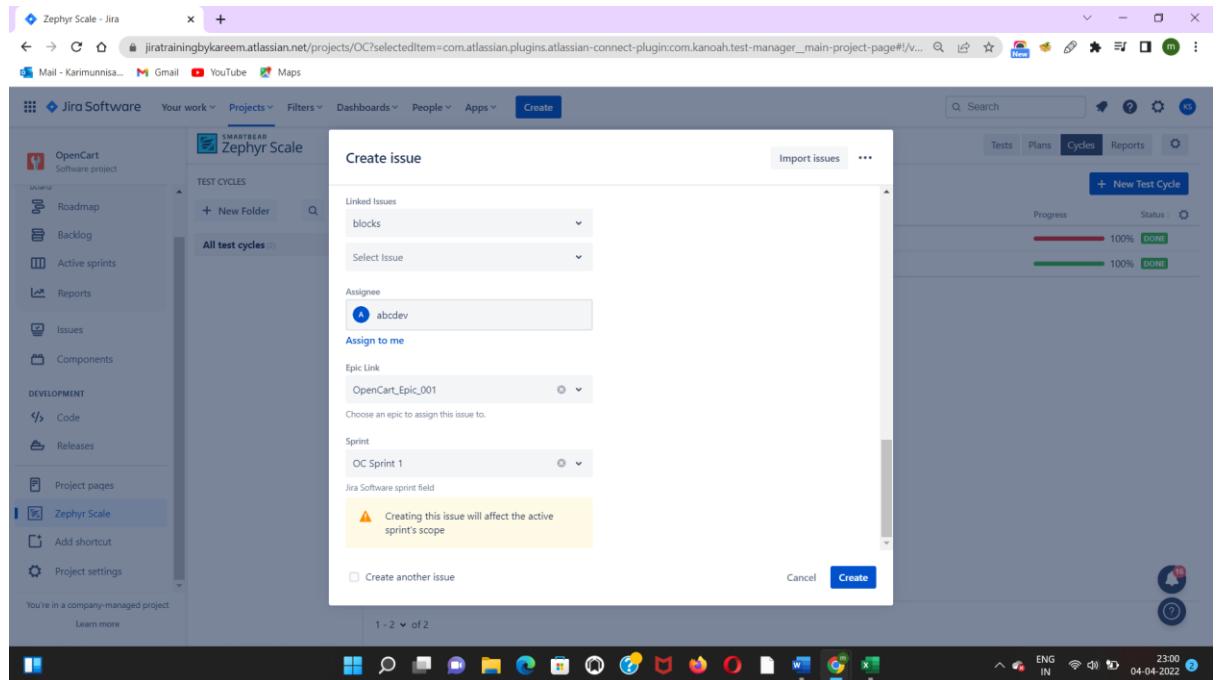
The screenshot shows the "TEST CYCLES" page within the Jira Software interface. It lists two test cycles:

Key	Name	Progress	Status
OC-R1	Regression Cycle	100%	DONE
OC-R3	RegressionCycle	100%	DONE

The left sidebar includes the Zephyr Scale section, which is also selected.

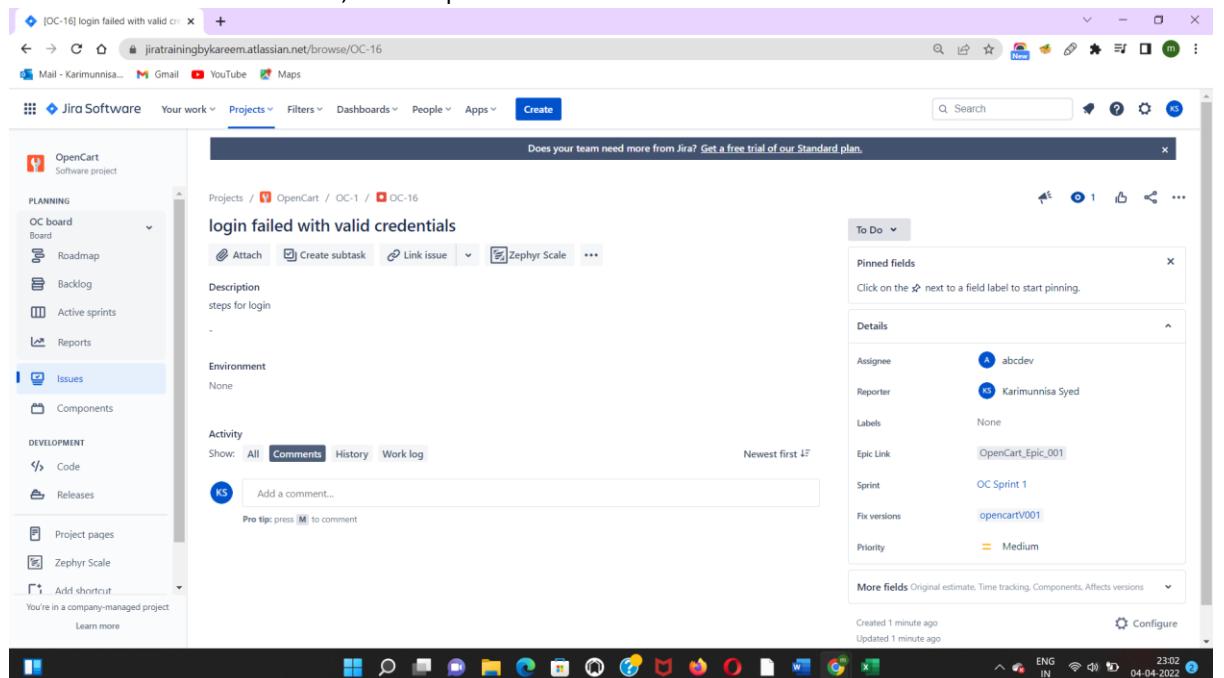
Once testcases got fail, create bug from create option.





Then click on create button.

Then click on the issue created, then it opens like



Once defect is raised, then developer starts fixing them and comments it as fixed,inprogress etc.

- And to see all issues, then select project and under that select issues option under project dashboard, then list of all issues displays.

The screenshot shows the Jira Software Issues page for the 'OpenCart' project. The left sidebar contains filters for 'All issues', 'My open issues', 'Reported by me', 'Open issues', 'Done issues', 'Viewed recently', 'Resolved recently', and 'Updated recently'. The main area displays a table of issues with columns: Type, Key, Summary, Assignee, Reporter, P, Status, Resolution, Created, and Up. The first issue listed is OC-16: 'login failed with valid credentials' assigned to abcdev, reported by Karimunnisa Syed, status TO DO, unresolved since Apr 4, 2022. Other issues include OC-15, OC-14, OC-13, OC-12, OC-11, OC-10, OC-9, OC-8, OC-7, and OC-6.

Type	Key	Summary	Assignee	Reporter	P	Status	Resolution	Created	Up
OC-16	OC-16	login failed with valid credentials	abcdev	Karimunnisa Syed	TO DO	Unresolved	Apr 4, 2022	Apr 4, 2022	Ap
OC-15	OC-15	Verify bugs	Unassigned	Karimunnisa Syed	DONE	Done	Apr 3, 2022	Apr 3, 2022	Ap
OC-14	OC-14	Execute Testcases	Unassigned	Karimunnisa Syed	DONE	Done	Apr 3, 2022	Apr 3, 2022	Ap
OC-13	OC-13	Setup Environment and install build	Unassigned	Karimunnisa Syed	DONE	Done	Apr 3, 2022	Apr 3, 2022	Ap
OC-12	OC-12	Creating Test scenarios and Test cases	Unassigned	Karimunnisa Syed	DONE	Done	Apr 3, 2022	Apr 3, 2022	Ap
OC-11	OC-11	Bug fixing	Unassigned	Karimunnisa Syed	DONE	Done	Apr 3, 2022	Apr 3, 2022	Ap
OC-10	OC-10	Integration Testing	Unassigned	Karimunnisa Syed	DONE	Done	Apr 3, 2022	Apr 3, 2022	Ap
OC-9	OC-9	Unit Testing	Unassigned	Karimunnisa Syed	DONE	Done	Apr 3, 2022	Apr 3, 2022	Ap
OC-8	OC-8	Development	Unassigned	Karimunnisa Syed	DONE	Done	Apr 3, 2022	Apr 3, 2022	Ap
OC-7	OC-7	Desing	Unassigned	Karimunnisa Syed	DONE	Done	Apr 3, 2022	Apr 3, 2022	Ap
OC-6	OC-6	Understand requirements (Dev & QA)	Unassigned	Karimunnisa Syed	DONE	Done	Apr 3, 2022	Apr 3, 2022	Ap
OC-5	OC-5	User search products	Karimunnisa Syed	Karimunnisa Syed	In Progress	Unresolved	Apr 3, 2022	Apr 3, 2022	Ap

This screenshot is identical to the one above, showing the Jira Software Issues page for the 'OpenCart' project. It displays the same list of issues (OC-16 through OC-5) with their respective details, including assignees, reporters, and statuses.

-Reporting bugs

For Reports in jira, select project and select reports under project dashboard,

The screenshot shows the Jira Software interface with the 'OpenCart - Jira' project selected. The top navigation bar includes links for 'Mail - Karimunnisa...', 'Gmail', 'YouTube', and 'Maps'. The main menu has options like 'Your work', 'Projects', 'Filters', 'Dashboards', 'People', 'Apps', and 'Create'. A search bar is at the top right. On the left, a sidebar titled 'Reports' lists various report types: 'All reports' (selected), 'AGILE' (which includes 'OC board', 'Board', 'Burndown Chart', 'Burnup Chart', 'Sprint Report', 'Velocity Chart', 'Cumulative Flow Diagram', 'Version Report', 'Epic Report', and 'Control Chart'), and a note 'You're in a company-managed project' with a 'Learn more' link. The main content area is titled 'All reports' and 'Agile'. It features four charts: 'Burndown Chart' (a step-down graph), 'Burnup Chart' (a step-up graph), 'Sprint Report' (a bar chart), and 'Velocity Chart' (a bar chart). Below each chart is a brief description. At the bottom of the page, there's a toolbar with icons for Windows, a search bar, and various application icons. The taskbar at the bottom of the screen shows the date as 04-04-2022 and time as 23:11.

-Reports in Zephyr

For test summary reports , go to zephyr

- Traceability matrix

Agile scrum activities

- 1) How to create project in Jira
- 2) How to add users/people in Jira
- 3) How to create Backlog -->Epic
- 4) How to create stories in Jira & add story points

- 5) Creating sprint in Jira
- 6) Adding user stories to sprint
- 7) Starting sprint

- 8) Adding sub-tasks to story
- 9) Sprint life cycle|

Test Management Activities (Zepyre)

- 1) Test cases
- 2) Test cycle
- 3) update test cases passed/failed/blocked
- 4) Report bugs
- 5) Reports

Test Management Activities (Zephyre)

- 1) Test cases
- 2) Test cycle
- 3) update test cases passed/failed/blocked
- 4) Report bugs
- 5) Reports

How to install zephyr plugin

How to create Test case in Jira Manually

How to import multiple test cases in to Jira tool

Creating test cycles

Add test cases to cycle

Execute/Update Test cases

Reporting bugs

Reports in Zephyr

Traceability Matrix