

Order and Sales Management System.

The client's need is a software that can help him to order and purchase the electrical products such as finolex cables, L&T products etc.

Requirements.

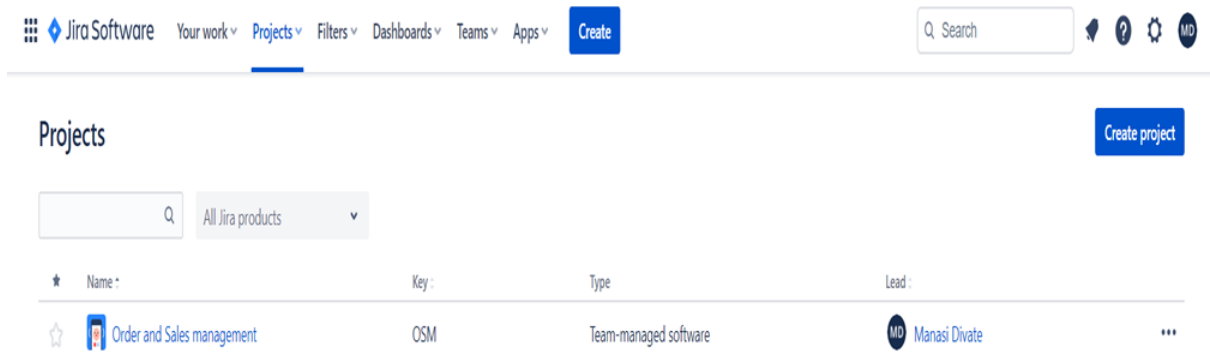
1. A software to maintain/run business in a productive way, as it is difficult and time consuming to do the work manually.
2. A format that can store the product's name with the SI.no, description, quantity, rate, discount and GST.
3. There should be in-built features to automatically calculate the total amount.
4. The software should show the message or notification of the product shortage when the product quantity reaches the benchmark that is set specifically.
5. There should be the facility to save the created format permanently for maintaining records.
6. There should be an automated feature to indicate if there is any product quality damage so that it can be replaced.
7. There should be a facility to share the created format to the company to order the products and sell them to the customer.
8. The software must have high security to protect against unauthorized access and data breaches.
9. The software must be able to support multiple languages, time-zones and cultural requirements.
10. The software must handle the errors in an informative manner, providing meaningful error messages.
11. The software should perform efficiently to accommodate increasing amount of data or product information overtime.
12. The software should automate the order processing and fulfillment process, including order confirmation, packing slips etc.

Risks.

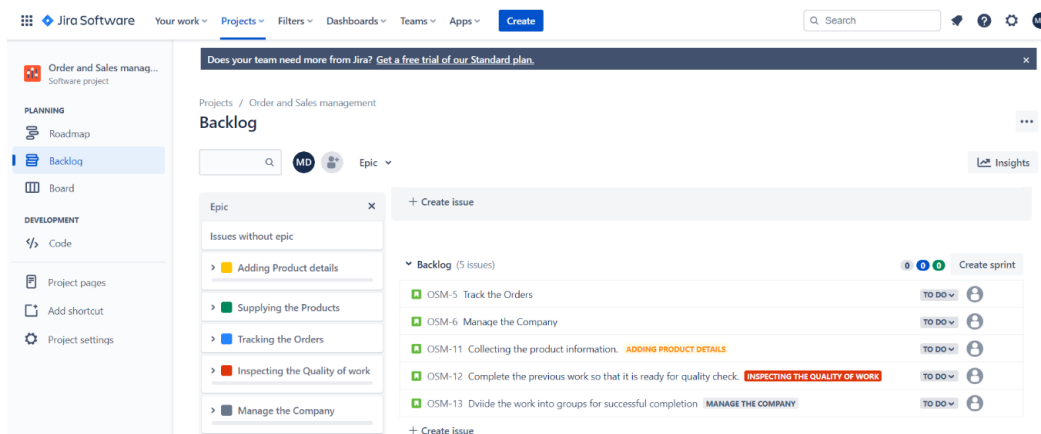
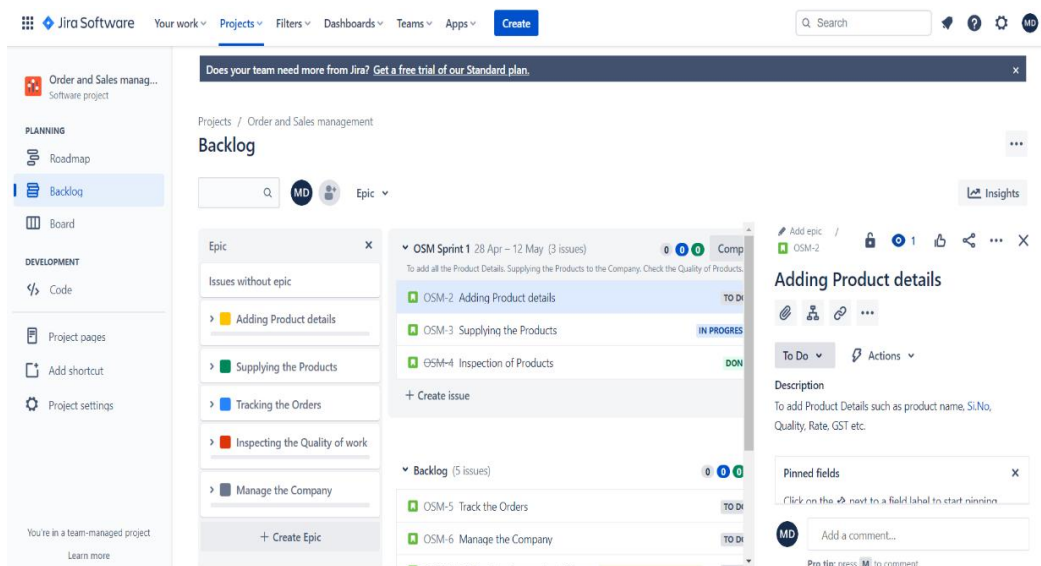
1. Ordering and selling company often contains sensitive data, including customer information, financial details and sales data. If this information is not properly secured it can lead to hacking, and other cyber attacks.
2. If the ordering and selling company software does not integrate seamlessly with other systems, such as inventory management or shipping software, it can cause delays, errors and other issues.
3. If the software is not designed to handle a growing customer base or increasing sales volumes, it can become slow, unreliable or even crash, which can negatively impact the business.
4. When the customer's orders a specific product and receives some other product it will be a risk for the company.

Configure JIRA for managing the project to solve the identified problem.

STEP 1: Click on the project button – Your created projects will be displayed



STEP 2: Click on Backlog button and create an issue in backlog. Drag the issues from backlog to sprint.



STEP 3: Click on Board and drag the issues to its respective fields.

The screenshot shows the Jira Software interface for a project named 'Order and Sales management'. The left sidebar contains a navigation menu with 'Board' selected under the 'PLANNING' section. The main content area displays the 'OSM Sprint 1' board. At the top, there's a banner asking if the user needs more from Jira. Below that, the sprint name 'OSM Sprint 1' is shown with a description: 'To add all the Product Details. Supplying the Products to the Company. Check the Quality of Products.' and a timer indicating '11 days remaining'. The board is divided into three columns: 'TO DO 1 ISSUE', 'IN PROGRESS 1 ISSUE', and 'DONE 1 ISSUE'. Issues are represented as cards with titles and IDs: 'Adding Product details' (OSM-2) in TO DO, 'Supplying the Products' (OSM-3) in IN PROGRESS, and 'Inspection of Products' (OSM-4) in DONE. A search bar and filters are visible at the top of the board area.

STEP 4: Click on Roadmap and create the Epic and child processes.

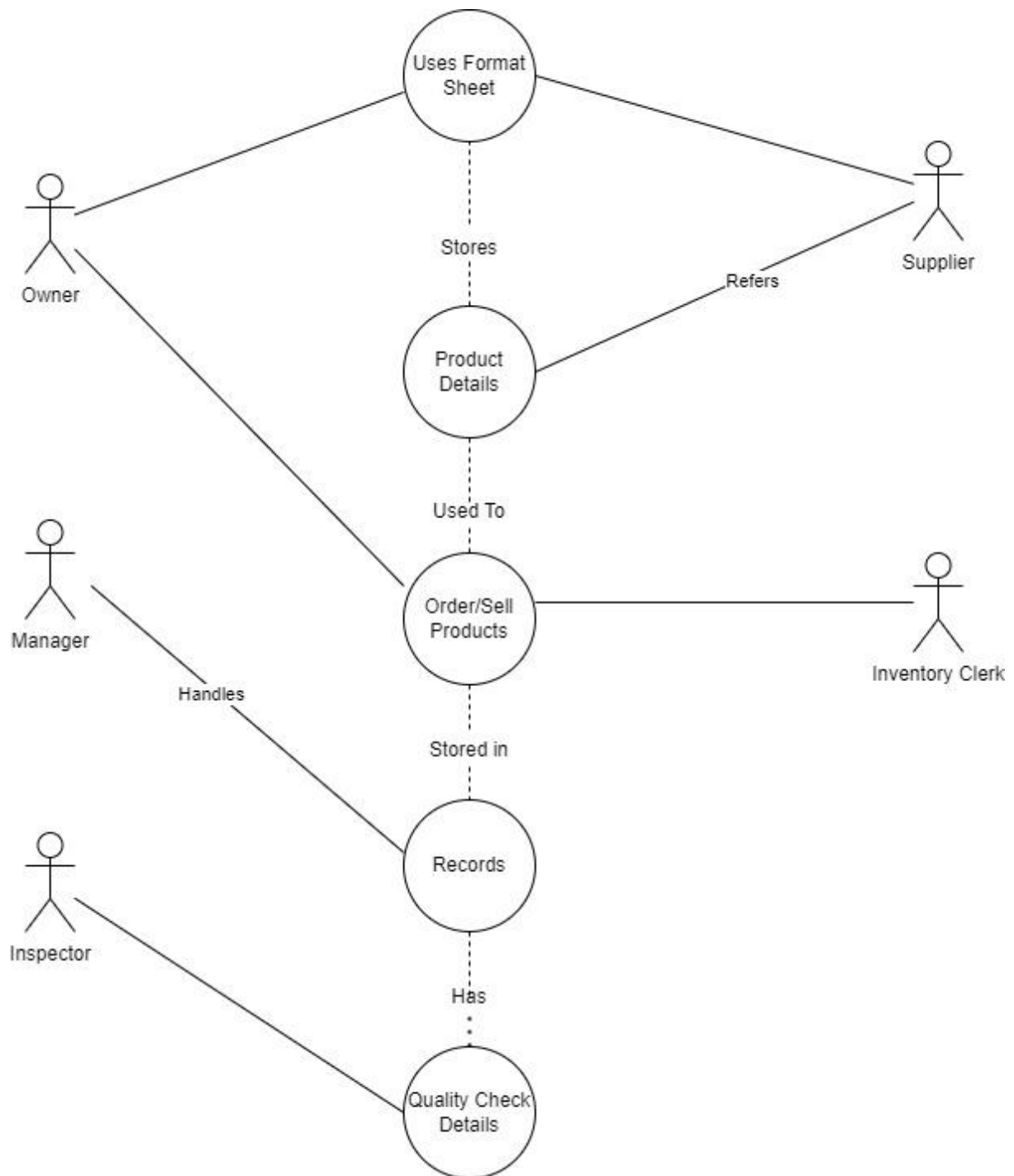
The screenshot shows the Jira Software interface for the same project, but now the 'Roadmap' view is selected in the sidebar. The main content area displays the 'Roadmap' for 'OSM Sprint 1'. It features a timeline with columns for months: APR, MAY, and JUN. A horizontal bar chart shows the duration of various tasks: 'OSM-1 Adding Product details' (yellow bar in May), 'OSM-7 Supplying the Products' (green bar from May to June), 'OSM-8 Tracking the Orders' (blue bar from May to June), and 'OSM-9 Inspecting the Quality of work' (red bar in May). A '+ Create Epic' button is visible at the bottom left of the roadmap area. The top navigation bar and search bar are also present.

STEP 5: Share the Project to the users.

This screenshot is identical to the one in Step 3, showing the 'OSM Sprint 1' board. However, the user's profile icon in the top right corner now displays a yellow circle with a 'D' inside, indicating that the project has been shared with the user. The board layout, including the 'TO DO', 'IN PROGRESS', and 'DONE' columns with their respective issue cards, remains the same.

UML Diagram:

USE CASE Diagram



User Stories:

Title: Product Details	Priority: High	Estimate: 2
User Story – Owner <u>As a</u> first-time user of the ordering and selling website, <u>I want</u> to enter the product with their details, <u>So that</u> the products can be ordered and sold.		
Acceptance Criteria: <u>Given</u> that the new user wants to order and sell the products using website, <u>When</u> the product details are entered, <u>Then</u> the sales of products can be done easily.		

Title: Sales of policies	Priority: High	Estimate: 2
User Story – Supplier <u>As a</u> supplier of the electrical products, <u>I want</u> to use the website to provide products, <u>So that</u> there will be no shortage of products, once they reach the benchmark.		
Acceptance Criteria: <u>Given</u> that the supplier wants to sell the products using website, <u>When</u> they use the website for providing products, <u>Then</u> there will be no shortage of products.		

Title: Tracking orders	Priority: low	Estimate: 2
User Story – Inventory clerk <u>As a</u> professional inventory clerk of the ordering and selling company, <u>I want</u> to keep track of orders and manage them, <u>So that</u> the records are maintained properly.		
Acceptance Criteria: <u>Given</u> that the inventory clerk wants to track the products, <u>When</u> they manage the records, <u>Then</u> the records will be maintained in a productive way.		

Title: Inspecting the products	Priority: Low	Estimate: 2
User Story – Inspector <u>As an</u> inspector of the ordering and selling company, <u>I want</u> to inspect the products, <u>So that</u> the quality/good work can be done.		
Acceptance Criteria: <u>Given</u> that the inspector of ordering and selling company, wants to inspect the products, <u>When</u> they visit the company for inspection, <u>Then</u> the proper inspection of products can be done.		

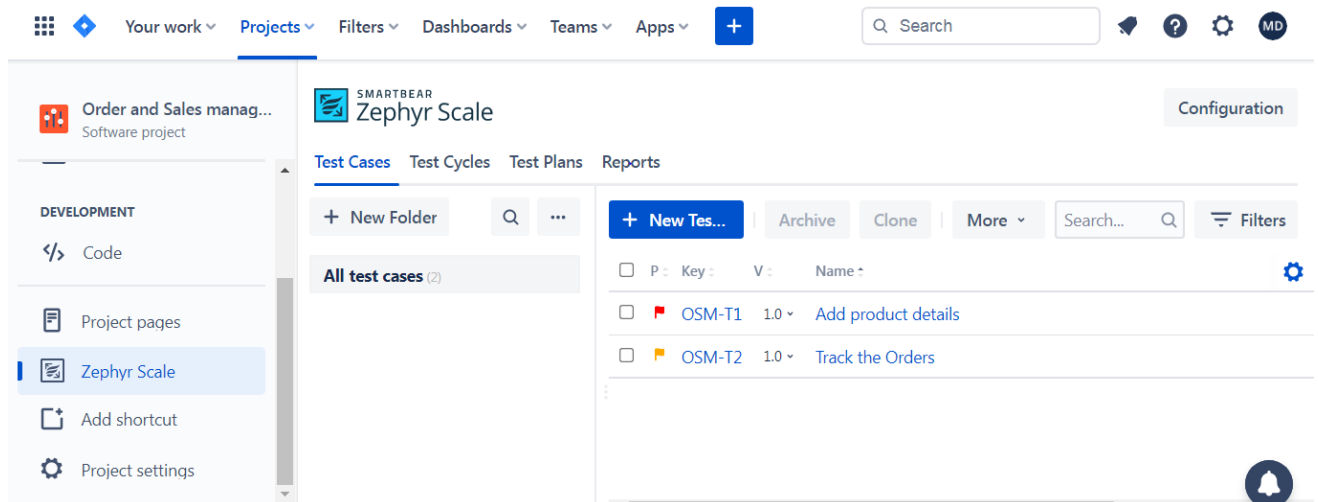
Title: Managing the company	Priority: Low	Estimate: 2
User Story – Manager <u>As a</u> manager of ordering and selling company, <u>I want</u> to manage overall administration of the company, <u>So that</u> the company is maintained properly and there will be no lost of products.		
Acceptance Criteria: <u>Given</u> that the manager of ordering and selling company wants to manage the company, <u>When</u> they manage the overall administration of the company, <u>Then</u> the company will be well maintained.		

Test Plan(Suite) for the above user stories using Jira.

Step 1:Install Zephyr Scale - Test Management for Jira



Step 2:Create Test Suite(case) for your Project



Step 3: Add the details for your test suite.(case)

Jira Software

Your work ▾ Projects ▾ Filters ▾ Dashboards ▾ Teams ▾ Apps ▾ Create

Q Search

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Order and Sales manag...
Software project

PLANNING
Roadmap
Backlog
Board
DEVELOPMENT
Code
Project pages
Zephyr Scale
Add shortcut
Project settings

Order and Sales management / Test Cases / OSM-T1 (1.0)

Add product details

Back Save New Version 1.0 ...

Details Test Script Execution Traceability Attachments Comments History

▼ Name*

Add product details

▼ Objective

Add product details

▼ Precondition

Format sheet will be opened and product details will be entered

▼ Details

Status	Priority	Component	Owner	Estimated Time ⓘ
Draft ▼	High ▼	None ▼	Manasi Divate ▼	hh:mm
Folder				
None ▼				

Jira Software

Your work ▾ Projects ▾ Filters ▾ Dashboards ▾ Teams ▾ Apps ▾ Create

Q Search

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Order and Sales manag...
Software project

PLANNING
Roadmap
Backlog
Board
DEVELOPMENT
Code
Project pages
Zephyr Scale
Add shortcut
Project settings

Order and Sales management / Test Cases / OSM-T2 (1.0)

Track the Orders

Back Save New Version 1.0 ...

Details Test Script Execution Traceability Attachments Comments History

▼ Name*

Track the Orders

▼ Objective

Track the Orders

▼ Precondition

Ordering and selling records are tracked

▼ Details

Status	Priority	Component	Owner	Estimated Time ⓘ
Draft ▼	Normal ▼	None ▼	Manasi Divate ▼	hh:mm
Folder				
None ▼				