

ASSIGNMENT 6.1
on
Collaboration

Submitted by:
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and
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Dated: 22nd May 2023

Solution:

We have created the project Inventory Management System, in which we have one sprint of two weeks

The project has four main functionalities:

1. Managing Customers
2. Managing Suppliers
3. Managing Inventory Stock
4. Managing Purchase Invoices
5. Managing Sales Invoices

We have created two epics,

1- Front-end

Frontend contains the 5 User stories for above functionalities along with their descriptions, subtasks, effort estimations and responsible team members.

2- Back-end (Database)

Backend contains the 5 main tasks of creating tables for storing the data of above operations along with description, effort estimation and responsible team members.

Board

The screenshot displays the Jira Software interface for the 'Inventory Management System' project. The top navigation bar includes 'Jira Software', 'Your work', 'Projects', 'Filters', 'Dashboards', 'Teams', 'Apps', and a 'Create' button. The left sidebar shows the project name 'Inventory Management System' and a navigation menu with 'PLANNING' (Roadmap, Backlog) and 'DEVELOPMENT' (Board, Project pages, Story Maps, Checklist, Add shortcut, Project settings). The main area is titled 'Projects / Inventory Management System' and 'IMS Sprint 1', with a subtitle 'To Complete the front-end within given 2 weeks sprint'. It shows a progress bar for '9 days remaining' and a 'Complete sprint' button. The board is organized into columns: 'IN PROGRESS 2 ISSUES', 'DONE 2 ISSUES', 'TO DO 2 ISSUES', and 'FUNCTIONAL DEPENDENCIES 4 ISSUES'. The 'TO DO' column is expanded, showing two epics: 'IMS-1 Front-end for IMS 5 issues' and 'IMS-29 Back-end DB for IMS 5 issues'. Each epic contains five issues, represented by cards with titles like 'Suppliers', 'Customers', 'Inventory', 'Sales Invoice', and 'Purchase Invoices' for the front-end, and 'Customers Table', 'Suppliers Table', 'Inventory Table', 'Sales Invoice Table', and 'Purchase Invoice Table' for the back-end. Each card displays the issue ID (e.g., IMS-5, IMS-3, IMS-8, IMS-7, IMS-6, IMS-30, IMS-32, IMS-33, IMS-34, IMS-35), a status icon (green for 'To Do', blue for 'In Progress', grey for 'Done'), and a team member icon.

Backlog

Jira Software

Your work

Projects

Filters

Dashboards

Teams

Apps

Create

Inventory Manage...

Software project

PLANNING

Roadmap

Backlog

Board

> DEVELOPMENT

Project pages

Story Maps

Checklist

Add shortcut

Project settings

You're in a team-managed project

Learn more

Projects / Inventory Management System

Backlog

HS

Epic 3

Type

Clear filters

Insights

Epic

Issues without epic

> Front-end for IMS

> Back-end DB for IMS

+ Create epic

IMS Sprint 1 22 May – 5 Jun (10 issues)

14 12 0 Complete sprint

To Complete the Fron-end within given 2 weeks sprint

IMS-3 Customers FRONT-END FOR IMS 2 IN PROGRESS

IMS-5 Suppliers FRONT-END FOR IMS 2 IN PROGRESS HS

IMS-8 Inventory FRONT-END FOR IMS 4 IN PROGRESS HS

IMS-7 Sales Invoice FRONT-END FOR IMS 4 FUNCTIONAL DEPENDENCIES

IMS-6 Purchase Invoices FRONT-END FOR IMS 4 FUNCTIONAL DEPENDENCIES

IMS-30 Customers Table BACK-END DB FOR IMS 2 IN PROGRESS

IMS-32 Suppliers Table BACK-END DB FOR IMS 2 IN PROGRESS

IMS-33 Inventory Table BACK-END DB FOR IMS 2 TO DO

IMS-34 Sales Invoice Table BACK-END DB FOR IMS 2 FUNCTIONAL DEPENDENCIES

IMS-35 Purchase Invoice Table BACK-END DB FOR IMS 2 FUNCTIONAL DEPENDENCIES

+ Create issue

Backlog (0 issues)

0 0 0 Create sprint






Plan and prioritize future work in your backlog

+ Add upcoming work here

Epic1: Front-end : 05 User stories, their subtasks and other details

IMS-1 / IMS-7

Sales Invoice



Description










As a User,


I want to add, update, delete and list the sales Invoices,

Acceptance criteria:

1. User should be able to add, update, delete and list the sales invoice.
2. Sales invoice must have following files.
 - a. Date
 - b. Customer name
 - c. invoice no.
 - d. number of items (should be changeable (Increment/ Decrement))
 - i. each item must have (item 1, name, qty, price, total)
 - e. total amount
3. Item should be automatically gets updated (decreased from)inventory whenever new sales is added.

Child Issues Order by ▾ ... + 0% Done

 IMS-21	Add Sales Invoice Form	 1	 TO DO ▾
 IMS-22	Update Sales Invoice form	 1	 TO DO ▾
 IMS-23	Delete Sales Invoice form	 1	 TO DO ▾




Pro tip: press **M** to comment

Functional dependencies ▾

Actions ▾


Details ▴

Assignee  Hira Fatima
[Assign to me](#)


Labels None


Sprint [IMS Sprint 1](#)


Story point estimate 4


Reporter  Haseebullah Shaikh


Automation ⚡ Rule executions

Invision for Jira  Open **Invision for Jira**


Smart Checklist  Open **Smart Checklist**

Sentry  Linked Issues

Slack Discussion  Open **Slack Discussion**






Zendesk Support  Linked Tickets

Created 2 hours ago
Updated 1 hour ago

 Configure

IMS-1 / IMS-8

Inventory



Description










As a User,


I want to add, update, delete and list the Inventory items,

Acceptance criteria:

1. User should be able to add, update, delete and list the inventory items.
2. Inventory items must have following files.
 - a. id
 - b. item name
 - c. unit
 - d. purchase price
 - e. sales price
 - f. in stock
3. Item should be automatically gets updated in inventory whenever new purchase is added and must be decreased when new sales is added.

Child Issues Order by ▾ ... + 0% Done

 IMS-17	Add inventory form	 1	 TO DO ▾
 IMS-18	Update Inventory form	 1	 TO DO ▾
 IMS-19	Delete Inventory form	 1	 TO DO ▾




Pro tip: press **M** to comment

To Do ▾

Actions ▾



Details ▴


Assignee  Haseebullah Shaikh

Labels None


Sprint [IMS Sprint 1](#)


Story point estimate 4


Development  [Create branch](#) ▾
 [Create commit](#) ▾


Reporter  Haseebullah Shaikh


Automation ⚡ Rule executions

Invision for Jira  Open **Invision for Jira**


Smart Checklist  Open **Smart Checklist**

Sentry  Linked Issues

Slack Discussion  Open **Slack Discussion**

Zendesk Support  Linked Tickets

Created 2 hours ago
Updated 1 minute ago

 Configure

IMS-1 / IMS-3

Customers

Description

As a User,

I want to add, update, delete and list the customers,

Acceptance criteria:

1. User should be able to add, update, delete and list the customers.

2. Customer must have following fields id, name, email, address, contact.

3. It should be accessed in the sales invoice.

Child issues

Order by

0% Done

IMS-9

Customer add form

0.5

TO DO

IMS-10

Customer Update

0.5

TO DO

IMS-11

Customer delete

0.5

TO DO

IMS-12

List Customers

0.5

TO DO

Activity

Show: Comments

Newest first

HS

Add a comment...

Pro tip: press **M** to comment

H2

Add a comment...

Pro tip: press **M** to comment

show: Comments

Newest first

Child issues

Order by

0% Done

IMS-10

List subscribers

0.2

TO DO

IMS-12

Delete subscribers

0.2

TO DO

IMS-14

Subscribe subscribers

0.2

TO DO

IMS-13

Add subscribers

0.2

TO DO

Description

As a User,

I want to add, update, delete and list the subscribers,

Acceptance criteria:

1. User should be able to add, update, delete and list the subscribers.

2. It should be accessed in the purchase invoice.

3. Subscribers must have following fields id, name, email, address, contact.

4. User should be able to add, update, delete and list the subscribers.

Subscribers

IMS-1 / IMS-2

Done

Done

Actions

Details

Assignee

Faiza Gulzar Ahmed (2303-001-KHI-DEG)

Assign to me

Labels

None

Sprint

IMS Sprint 1

Story point estimate

2

Development

Create branch

Create commit

Releases

Add feature flag

Reporter

Haseebullah Shaikh

Automation

Rule executions

Invision for Jira

Open Invision for Jira

Smart Checklist

Open Smart Checklist

Sentry

Linked Issues

Slack Discussion

Open Slack Discussion

Zendesk Support

Linked Tickets

Created 2 hours ago

Updated 1 minute ago

Resolved 1 minute ago

Configure

Zendesk Support

Linked Tickets

Slack Discussion

Open Slack Discussion

Sentry

Linked Issues

Smart Checklist

Open Smart Checklist

Invision for Jira

Open Invision for Jira

Automation

Rule executions

Reporter

Haseebullah Shaikh

Releases

Add feature flag

Development

Create branch

Create commit

Story point estimate

5

Sprint

IMS Sprint 1

Labels

None

Assignee

Haseebullah Shaikh






Details

In Progress

Actions

IMS-1 / IMS-6

Purchase Invoices



Description

As a User,

I want to add, update, delete and list the purchase Invoices,







Acceptance criteria:


1. User should be able to add, update, delete and list the purchase.
2. Purchase invoice must have following files.
 - a. Date
 - b. Supplier name
 - c. invoice no.
 - d. number of items (should be changeable (Increment/ Decrement))
 - i. each item must have (item 1, name, qty, price, total)
 - e. total amount
3. Item should be automatically gets updated in inventory whenever new purchase is added.

Child issues

Order by ... +

0% Done

 IMS-25	Add Purchase invoice form	= 1	 TO DO ▾
 IMS-26	Update purchase invoice form	= 1	 TO DO ▾
 IMS-27	Delete purchase invoice form	= 1	 TO DO ▾

 HS

Add a comment...


Pro tip: press **M** to comment

Functional dependencies ▾

Actions ▾

Details

Assignee

 yamna.tahir

[Assign to me](#)

Labels

None


Sprint


IMS Sprint 1

Story point estimate


4

Development


 Create branch

 Create commit


Releases

 Add feature flag


Reporter

 Haseebullah Shaikh


Automation

 Rule executions


Invision for Jira

 Open Invision for Jira


Smart Checklist

 Open Smart Checklist


Sentry

 Linked Issues

Slack Discussion


 Open Slack Discussion

Zendesk Support

 Linked Tickets

Created 2 hours ago






Updated 1 hour ago

 Configure

Epic 02: Backend DB, its 5 tasks and their details.

IMS-29 / IMS-34

Sales Invoice Table



Description
Table should be created for the Sales Invoices, data should be add, deleted, updated, listed and searched through the table.

Activity
Show: Comments Newest first

HS

Add a comment...

Pro tip: press **M** to comment

Functional dependencies

Details

Assignee

Usman Zaman 2211-032-KHI-DEG
[Assign to me](#)

Labels

None

Sprint

IMS Sprint 1

Story point estimate

2

Development

[Create branch](#)
[Create commit](#)


Releases

[Add feature flag](#)


Reporter

HS Haseebullah Shaikh


Automation

 Rule executions


Invision for Jira

 Open **Invision for Jira**


Smart Checklist

 Open **Smart Checklist**


Sentry

 Linked Issues

Slack Discussion


 Open **Slack Discussion**

Zendesk Support

 Linked Tickets






Created 12 minutes ago

Updated 3 minutes ago

 Configure

IMS-29 / IMS-33

Inventory Table



Description
Table should be created for the Inventory, data should be add, deleted, updated, listed and searched through the table.

Activity
Show: Comments Newest first

HS

Add a comment...

Pro tip: press **M** to comment

To Do

Details

Assignee

Usman Zaman 2211-032-KHI-DEG
[Assign to me](#)

Labels

None

Sprint

IMS Sprint 1


Story point estimate

2


Reporter

HS Haseebullah Shaikh


Automation

 Rule executions


Invision for Jira

 Open **Invision for Jira**


Smart Checklist

 Open **Smart Checklist**


Sentry

 Linked Issues

Slack Discussion


 Open **Slack Discussion**

Zendesk Support

 Linked Tickets






Created 13 minutes ago

Updated 3 minutes ago

 Configure

IMS-29 / IMS-32

Suppliers Table



Description

Table should be created for the Suppliers, data should be add, deleted, updated, listed and searched through the table.

Activity

Show: Comments Newest first

HS

Add a comment...

Pro tip: press M to comment


Done

Done

Actions

Details

Assignee

 Usman Zaman 2211-032-KHI-DEG
[Assign to me](#)

Labels

None

Sprint

[IMS Sprint 1](#)


Story point estimate

2


Development

[Create branch](#)


Reporter

 Haseebullah Shaikh


Automation

 Rule executions


Invision for Jira

 Open **Invision for Jira**


Smart Checklist

 Open **Smart Checklist**


Sentry

 Linked Issues

Slack Discussion

 Open **Slack Discussion**


Zendesk Support

 Linked Tickets

Created 15 minutes ago






Updated 2 minutes ago

Resolved 2 minutes ago

 Configure

IMS-29 / IMS-30

Customers Table



Description

Table should be created for the customer, data should be add, deleted, updated, listed and searched through the table.

Activity

Show: Comments Newest first

HS

Add a comment...


Pro tip: press M to comment

In Progress

Actions

Details

Assignee

 Usman Zaman 2211-032-KHI-DEG
[Assign to me](#)

Labels

None

Sprint

[IMS Sprint 1](#)


Story point estimate

2


Development

[Create branch](#)


Reporter

 Haseebullah Shaikh


Automation

 Rule executions


Invision for Jira

 Open **Invision for Jira**


Smart Checklist

 Open **Smart Checklist**


Sentry

 Linked Issues

Slack Discussion


 Open **Slack Discussion**

Zendesk Support

 Linked Tickets

Created 28 minutes ago

Updated 3 minutes ago

 Configure

IMS-29 / IMS-35

Purchase Invoice Table

Description

Add a description...

Activity

Show: Comments ▾

Newest first ↕

HS

Add a comment...

Pro tip: press **M** to comment

Functional dependencies ▾

Actions ▾

Details

Assignee

Usman Zaman 2211-032-KHI-DEG

Assign to me

Labels

None

Sprint

IMS Sprint 1

Story point estimate

2

Development

Create branch

Create commit

Releases

Add feature flag

Reporter

HS

Haseebullah Shaikh

Automation

Rule executions

Invision for Jira

Open Invision for Jira

Smart Checklist

Open Smart Checklist

Sentry

Linked Issues

Slack Discussion

Open Slack Discussion

Zendesk Support

Linked Tickets

Created 9 minutes ago

Updated 3 minutes ago

Configure

The End 😊