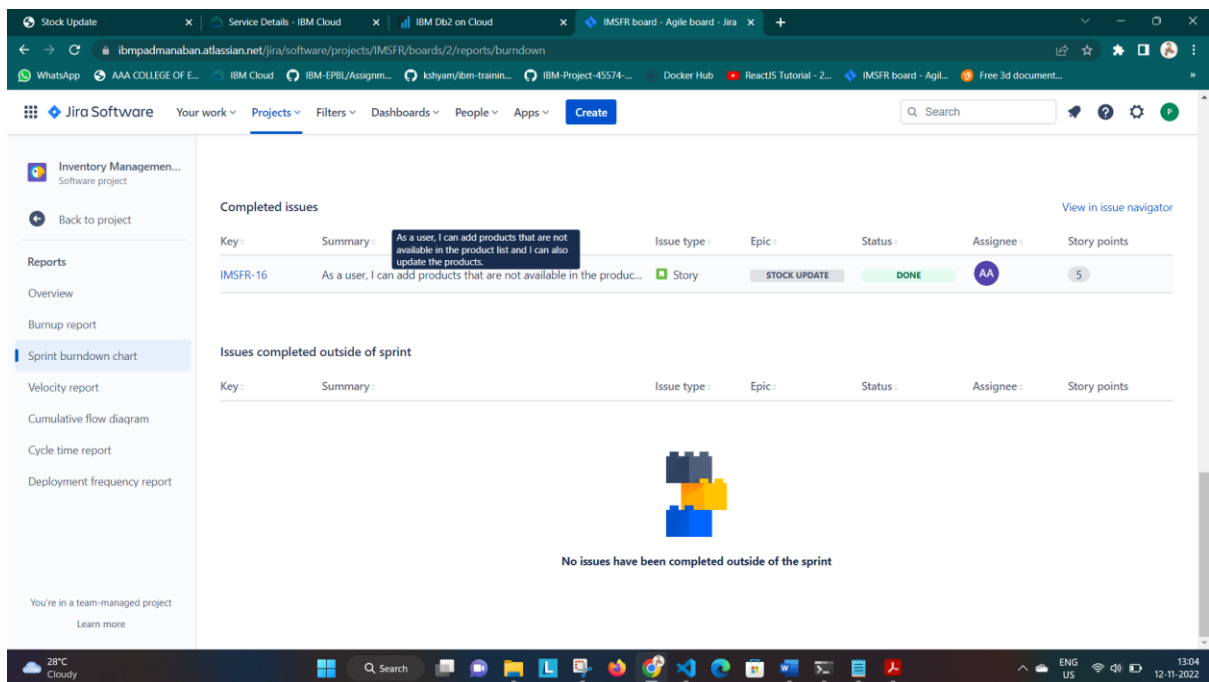


SPRINT 3:



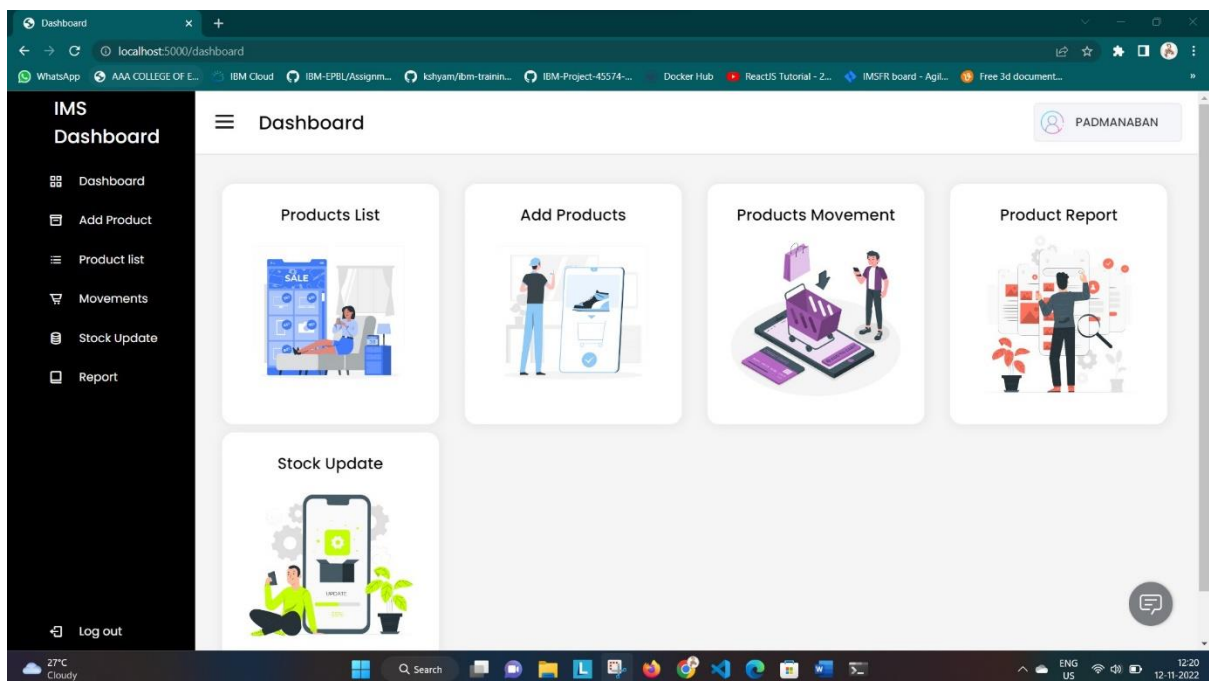
The screenshot shows the Jira Software interface for a project named 'Inventory Management'. The left sidebar contains a 'Reports' section with options like 'Overview', 'Burnup report', 'Sprint burndown chart' (selected), 'Velocity report', 'Cumulative flow diagram', 'Cycle time report', and 'Deployment frequency report'. The main area displays the 'Sprint burndown chart' for 'Sprint 3'. The chart shows a single issue, 'IMSR-16', with a summary of 'As a user, I can add products that are not available in the product list and I can also update the products'. The issue is a 'Story' type, assigned to 'AA', and has a status of 'DONE'. The chart also shows 'Issues completed outside of sprint' with a message: 'No issues have been completed outside of the sprint'.

USER STORIES:

USN-8: As a user, I can add products movements that are not available in the product list and I can also update the products.

Dashboard Page:

Navigating through dashboard:



The screenshot shows the 'IMS Dashboard' interface. The left sidebar contains a 'Dashboard' section with options like 'Dashboard', 'Add Product', 'Product list', 'Movements', 'Stock Update', and 'Report'. The main area displays a grid of five cards: 'Products List', 'Add Products', 'Products Movement', 'Product Report', and 'Stock Update'. Each card features an illustration related to its function. The user's name 'PADMANABAN' is visible in the top right corner. The bottom of the screen shows a Windows taskbar with various application icons and system information.

Movement Page:

Adding movements to products:

The screenshot shows the IMS Dashboard interface. On the left is a sidebar with navigation links: Dashboard, Add Product, Product list, Movements, Stock Update, and Report. The main content area is titled 'Dashboard' and features a user profile 'PADMANABAN' in the top right. Below the title is a section 'Add Movements to product' with a form containing a 'Select a product' dropdown (set to 'Intel processor'), a 'Quantity to move' input field (set to '50'), and a 'To' dropdown (set to 'Warehouse 1'). A 'Submit' button is next to the form. Below this is a 'Product Movement List' table.

PRODUCT NAME	QUANTITY IN	QUANTITY OUT	TO
Intel processor	100		
GIGASTAR 3.4 GHz LGA 1155 INTEL CORE I5-3570 Processor (Silver)	150		
Intel i9-12900KF 5.2 GHz Upto 5.2 GHz LGA1700 Socket 16 Cores 24 Threads Desktop Processor (Blue)	100		
amd Ryzen 5 3600 with Wraith Stealth Cooler (100-000000031) 3.6 GHz Upto 4.2 GHz	250	100	Warehouse 3

The bottom of the screen shows a Windows taskbar with the date and time '12:24 12-11-2022'.

Notifying the added movement of the product:

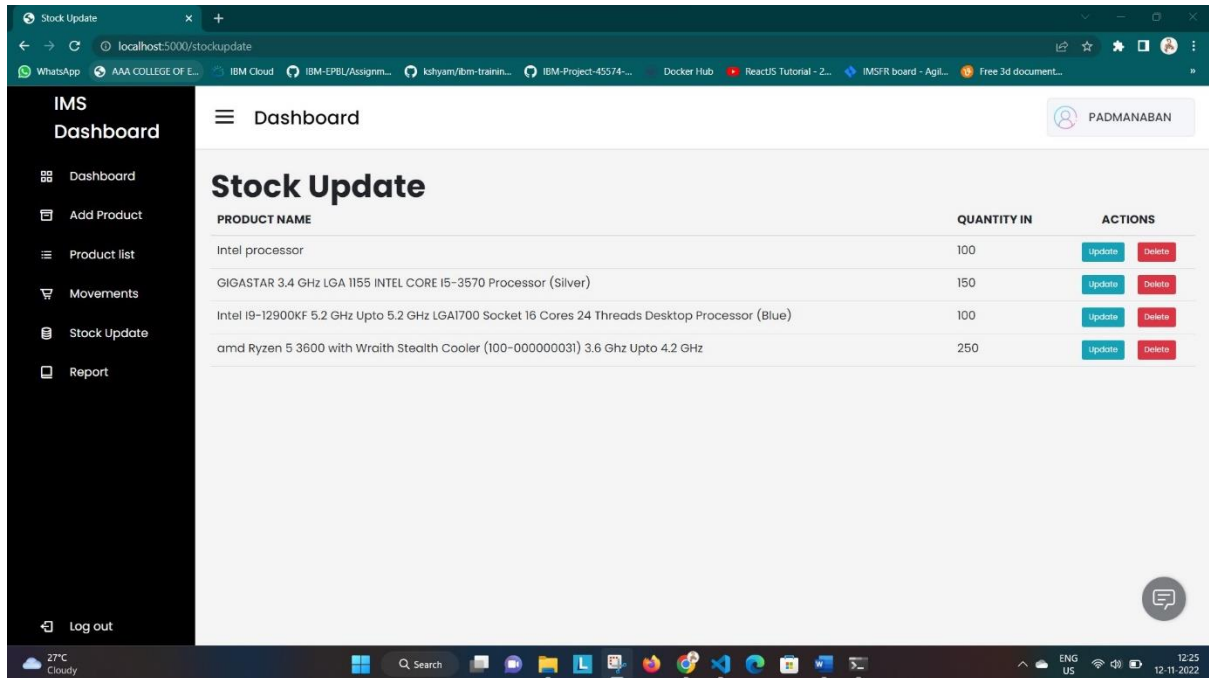
This screenshot shows the same IMS Dashboard interface as the previous one, but after a movement has been added. The 'Add Movements to product' form now has a 'Quantity' input field instead of a value. Below the form, a message 'Product movement noted!' is displayed. The 'Product Movement List' table has been updated: the 'Intel processor' row now shows 'QUANTITY OUT' as 50 and 'TO' as 'Warehouse 1'. The other rows remain the same as in the previous screenshot.

PRODUCT NAME	QUANTITY IN	QUANTITY OUT	TO
Intel processor	100	50	Warehouse 1
GIGASTAR 3.4 GHz LGA 1155 INTEL CORE I5-3570 Processor (Silver)	150		
Intel i9-12900KF 5.2 GHz Upto 5.2 GHz LGA1700 Socket 16 Cores 24 Threads Desktop Processor (Blue)	100		
amd Ryzen 5 3600 with Wraith Stealth Cooler (100-000000031) 3.6 GHz Upto 4.2 GHz	250	100	Warehouse 3

The bottom of the screen shows the same Windows taskbar with the date and time '12:24 12-11-2022'.

Stock Update Page:

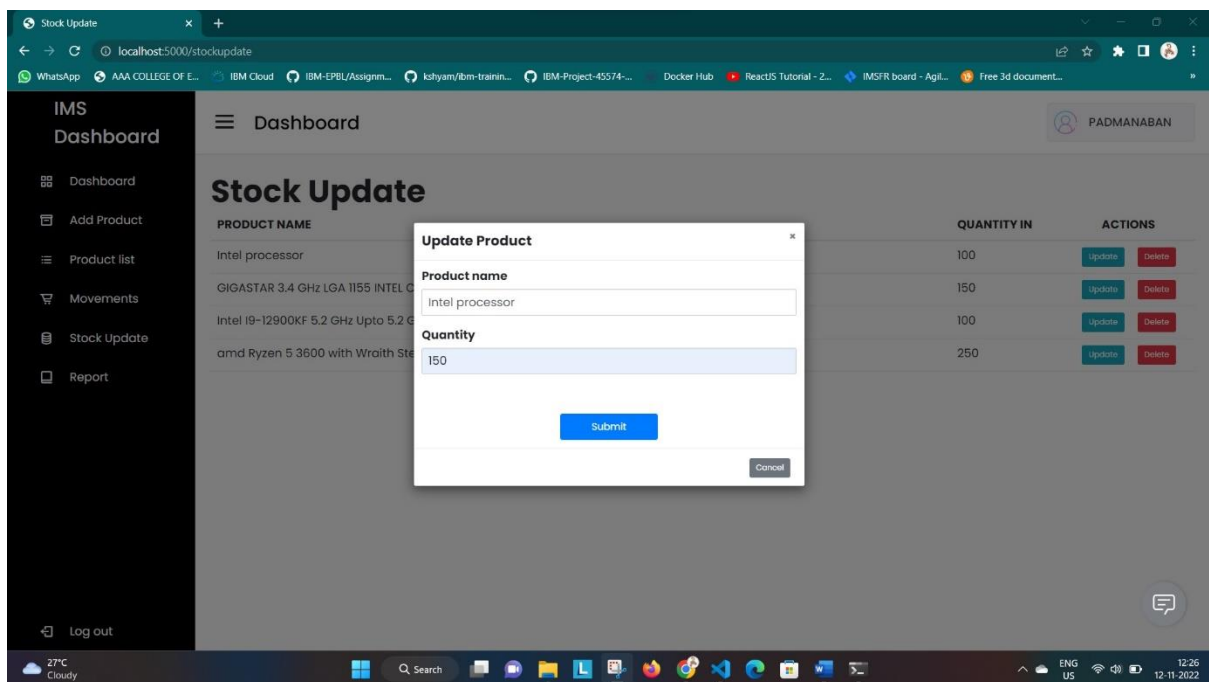
Updating and Deleting the products:



The screenshot shows a web application interface for stock management. On the left is a dark sidebar with the 'IMS Dashboard' logo and a menu containing 'Dashboard', 'Add Product', 'Product list', 'Movements', 'Stock Update', and 'Report'. The 'Stock Update' option is selected. The main content area has a 'Dashboard' header and a 'Stock Update' title. Below the title is a table with three columns: 'PRODUCT NAME', 'QUANTITY IN', and 'ACTIONS'. The table lists four products: 'Intel processor' (100), 'GIGASTAR 3.4 GHz LGA 1155 INTEL CORE I5-3570 Processor (Silver)' (150), 'Intel i9-12900KF 5.2 GHz Upto 5.2 GHz LGA1700 Socket 16 Cores 24 Threads Desktop Processor (Blue)' (100), and 'amd Ryzen 5 3600 with Wraith Stealth Cooler (100-000000031) 3.6 Ghz Upto 4.2 GHz' (250). Each row has 'Update' and 'Delete' buttons in the 'ACTIONS' column. A 'Log out' button is at the bottom left of the sidebar. The browser's address bar shows 'localhost:5000/stockupdate'.

PRODUCT NAME	QUANTITY IN	ACTIONS
Intel processor	100	<button>Update</button> <button>Delete</button>
GIGASTAR 3.4 GHz LGA 1155 INTEL CORE I5-3570 Processor (Silver)	150	<button>Update</button> <button>Delete</button>
Intel i9-12900KF 5.2 GHz Upto 5.2 GHz LGA1700 Socket 16 Cores 24 Threads Desktop Processor (Blue)	100	<button>Update</button> <button>Delete</button>
amd Ryzen 5 3600 with Wraith Stealth Cooler (100-000000031) 3.6 Ghz Upto 4.2 GHz	250	<button>Update</button> <button>Delete</button>

Updating the product quantity:



This screenshot shows the same 'Stock Update' page as before, but with an 'Update Product' modal window open in the center. The modal has a title bar 'Update Product' and two input fields: 'Product name' (containing 'Intel processor') and 'Quantity' (containing '150'). At the bottom of the modal are 'Submit' and 'Cancel' buttons. The background table is dimmed, showing the 'Intel processor' row with a quantity of 100. The browser's address bar and sidebar remain the same.

Notifying the updated product:

The screenshot shows a web application titled "Stock Update" running on localhost:5000. The dashboard displays a table of products with their names, quantities, and actions. A notification at the top right states "Product successfully updated!".

PRODUCT NAME	QUANTITY IN	ACTIONS
Intel processor	150	<button>Update</button> <button>Delete</button>
GIGASTAR 3.4 GHz LGA 1155 INTEL CORE I5-3570 Processor (Silver)	150	<button>Update</button> <button>Delete</button>
Intel i9-12900KF 5.2 GHz Upto 5.2 GHz LGA1700 Socket 16 Cores 24 Threads Desktop Processor (Blue)	100	<button>Update</button> <button>Delete</button>
amd Ryzen 5 3600 with Wraith Stealth Cooler (100-000000031) 3.6 Ghz Upto 4.2 GHz	250	<button>Update</button> <button>Delete</button>

Updating the product name & quantity at the same time:

The screenshot shows the same "Stock Update" dashboard, but with an "Update Product" modal open. The modal contains input fields for "Product name" and "Quantity", and buttons for "Submit" and "Cancel".

Update Product

Product name: GIGASTAR 3.4 GHz LGA 1155 INTEL CORE I5-3570 Processor (Silver)

Quantity: 100

Submit Cancel

Notifying the product updates to user:

The screenshot shows a web application titled "Stock Update" running on a browser at the URL `localhost:5000/proc_update`. The application has a dark sidebar with navigation links: Dashboard, Add Product, Product list, Movements, Stock Update, and Report. The main content area displays a "Stock Update" dashboard with a notification "Product successfully updated!". Below the notification is a table with the following data:

PRODUCT NAME	QUANTITY IN	ACTIONS
Intel processor	150	<button>Update</button> <button>Delete</button>
GIGASTAR 3.4 GHz LGA 1155 INTEL CORE I5-3570 Processor (Black)	100	<button>Update</button> <button>Delete</button>
Intel i9-12900KF 5.2 GHz Upto 5.2 GHz LGA1700 Socket 16 Cores 24 Threads Desktop Processor (Blue)	150	<button>Update</button> <button>Delete</button>
amd Ryzen 5 3600 with Wraith Stealth Cooler (100-000000031) 3.6 Ghz Upto 4.2 GHz	250	<button>Update</button> <button>Delete</button>

The browser's taskbar at the bottom shows the system clock as 12:36 on 12-11-2022.

Deleting the product:

The screenshot shows the same "Stock Update" dashboard, but with a confirmation dialog box open. The dialog box, titled "localhost:5000 says", contains the text: "Do you want to permanently delete amd Ryzen 5 3600 with Wraith Stealth Cooler (100-000000031) 3.6 Ghz Upto 4.2 GHz". It has "OK" and "Cancel" buttons. The table below the dialog box shows the product list with the "amd Ryzen 5 3600 with Wraith Stealth Cooler (100-000000031) 3.6 Ghz Upto 4.2 GHz" row highlighted. The browser's taskbar at the bottom shows the system clock as 12:33 on 12-11-2022.

Notifying the deletion to the user:

The screenshot shows a web application titled "Stock Update" running on a browser at localhost:5000. The application has a dark sidebar with navigation links: Dashboard, Add Product, Product list, Movements, Stock Update, and Report. The main content area is titled "Dashboard" and displays a message "Product successfully deleted!". Below this, there is a table with the following data:

PRODUCT NAME	QUANTITY IN	ACTIONS
Intel processor	150	Update Delete
GIGASTAR 3.4 GHz LGA 1155 INTEL CORE I5-3570 Processor (Silver)	150	Update Delete
Intel I9-12900KF 5.2 GHz Upto 5.2 GHz LGA1700 Socket 16 Cores 24 Threads Desktop Processor (Blue)	150	Update Delete

The browser's taskbar at the bottom shows the system time as 12:34 on 12-11-2022.

Storing the updated product details to IBM Db2:

The screenshot shows the IBM Db2 on Cloud console interface. The top navigation bar includes links for Load Data, Load History, Tables, Views, Indexes, Aliases, MQTs, Sequences, and Application objects. The main content area displays the table "LK93724.PRODUCTS". A table with the following data is shown:

ID	PRODUCTNAME	QUANTITYIN	QUANTITYOUT	TO	DATE	HOLDERNAME
15	GIGASTAR 3.4 GHz LGA 1155 INTEL CORE I5-3570 Processor(Black)	100			2022-11-12 10:05:00	PADMANABAN
19	Intel processor	150	100	Warehouse 3	2022-11-12 12:19:00	PADMANABAN
20	Intel I9-12900KF 5.2 GHz Upto 5.2 GHz LGA1700 Socket 16 Cores 24 Threads Desktop Processor (Blue)	150	50	Warehouse 4	2022-11-12 12:19:00	PADMANABAN
21	amd Ryzen 5 3600 with Wraith Stealth Cooler (100-000000031) 3.6 Ghz Upto 4.2 GHz	250	100	Warehouse 3	2022-11-12 12:35:00	PADMANABAN

The console also features a sidebar with icons for various database operations and a top bar with a "Back" button and an "Export to CSV" button.