Simpana

INVENTORY MANAGEMENT SYSTEM

OVERVIEW

- **About Us**
- **Mission and Vision**
- **Project Overview**
- **Introduction**
- **Features**
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ABOUT US

- Simpana Technologies is all about excellence, passion and flexibility. We have offered world class services in IT consulting, offshore software development, testing and user interface design.

- We work on diverse projects ranging from simple information systems and websites to complex enterprise type architectures, desktop or web-enabled applications, traditional n-tier and service oriented architectures. We follow three main rules to get to our goals: do it on-time, do it within scope and offer the best services.

OUR MISSION

Our mission combines work and talent. We seek to achieve extraordinary results by helping our clients make distinctive improvements. How do we do it? By leveraging best-of-breed technology and building a great company that is profitable and appeals to, helps develop and retains exceptional people.

Our passion for what we do led us here. Our vision guides our business every day to provide one of the best IT consulting and software development services while taking care of our people and honoring our values.

OUR VISION

PROJECT OVERVIEW

Inventory Management System is a material management application which helps the Users to easily maintain the records of the Inventory during the purchase and consumption. It will help to bundle all the data related to the Inventory materials with some advanced features of notifications and emails which will notify users about the activities performing in the application without even login in it.

INTRODUCTION

▶ **Tracks, stores, and manages University inventory.**

▶ **Handles Goods-In/Out operations.**

▶ **Dashboard monitors operations.**

Step 1:
Order materials

Step 2:
Store inventory

Step 3:
Monitor stock

Step 4:
Process orders

Step 5:
Refresh inventory

Step 6:
Repeat as needed

This presentation covers the Inventory Management process in a School/University and its key steps.
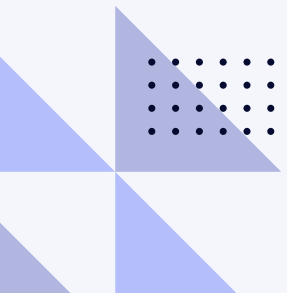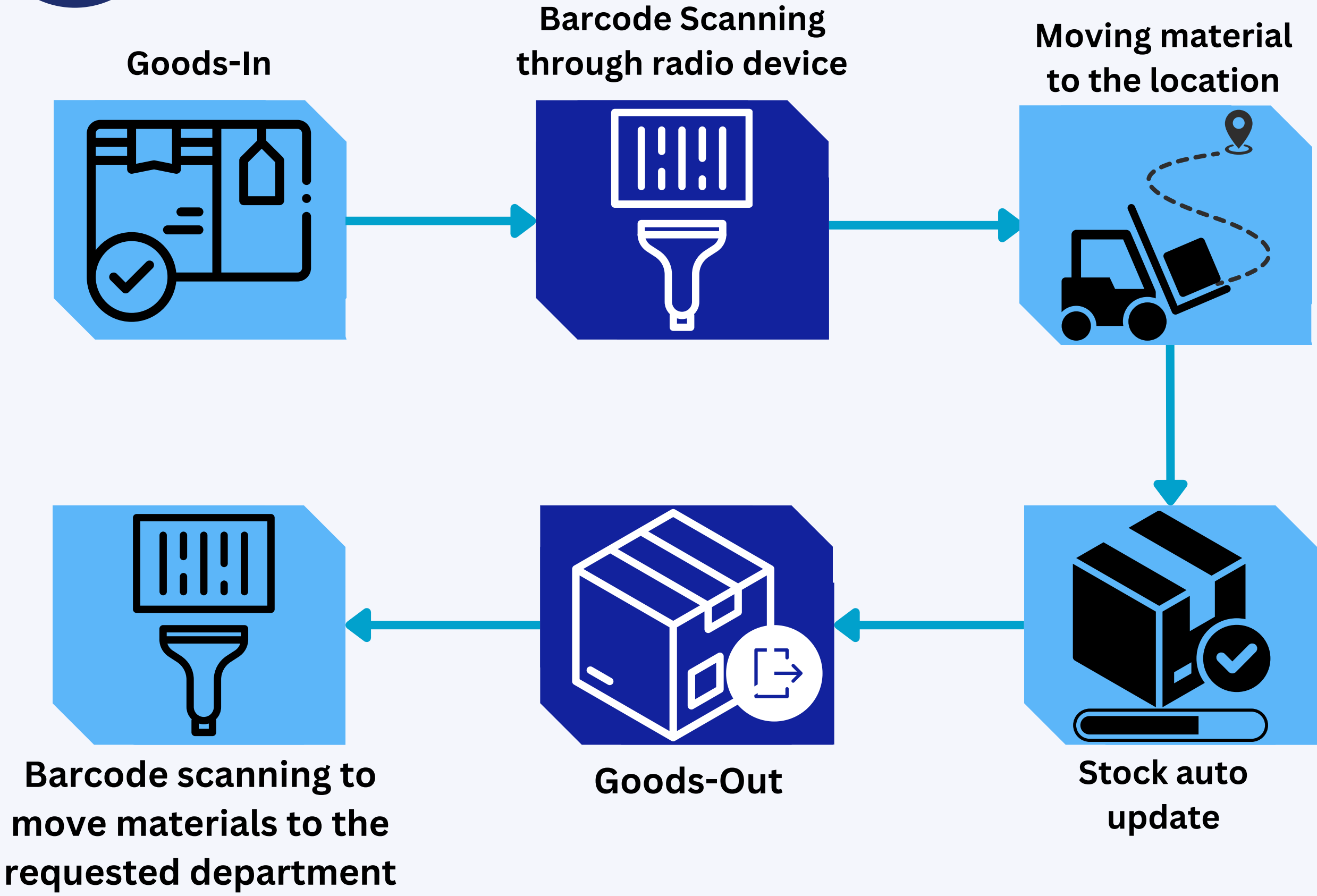
FEATURES

Inventory Management Systems (IMS) streamline and optimize inventory processes. Key features include:

- **Product Catalog:** Database of products with SKU, description, and pricing.
- **Batch/Serial Tracking:** Traceability through batch or serial numbers.
- **Order Tracking:** Monitor order status from placement to delivery.
- **Barcode Integration:** Efficient tracking with barcode scanning.
- **Low Stock Alerts:** Notifications for low inventory levels.
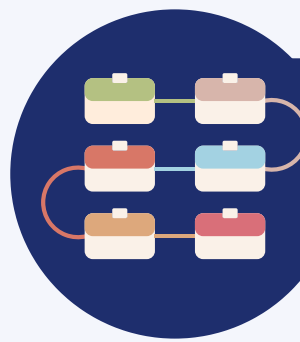- **Notification/Email Settings:** Customizable alerts

These features enhance efficiency, accuracy, and strategic inventory management. Required features may vary based on the business's unique needs.
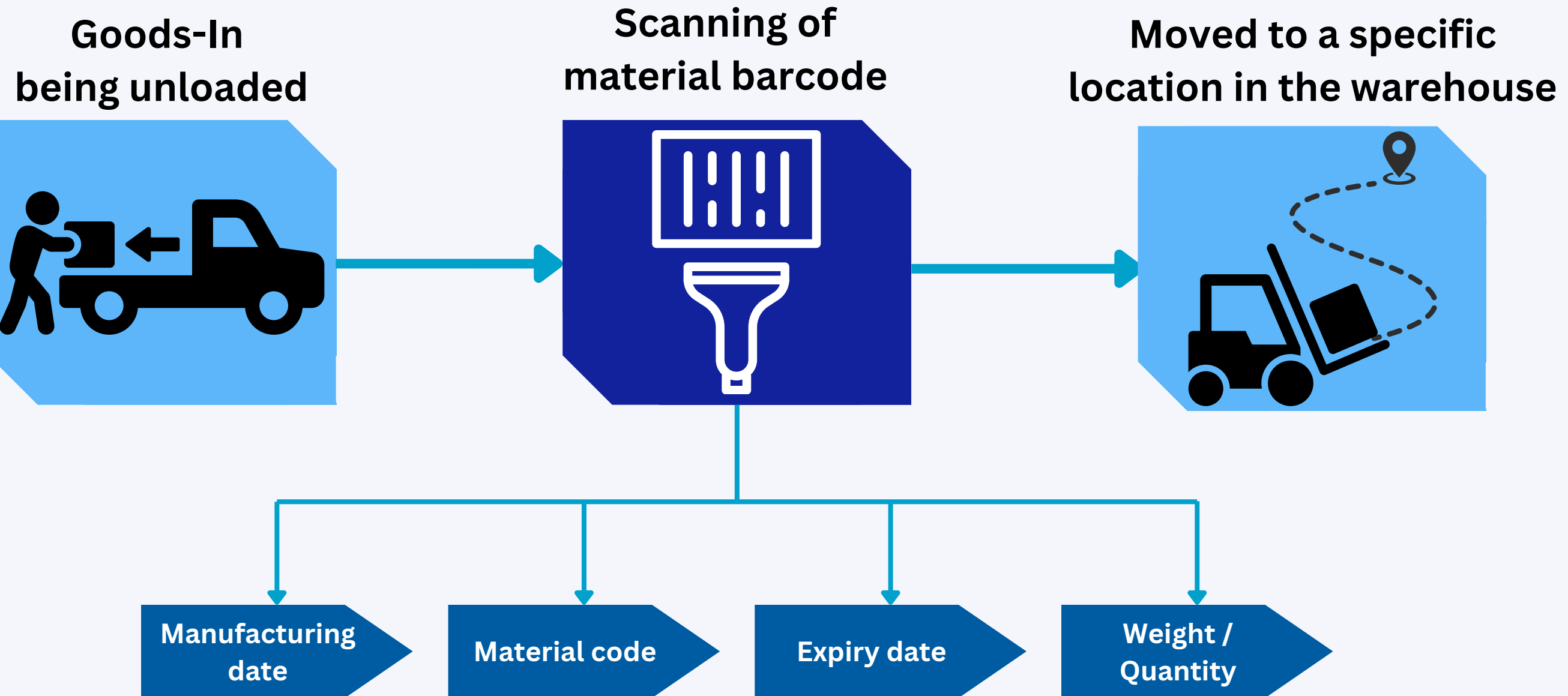
PROCESS FLOW

Goods-In

Barcode Scanning through radio device

Moving material to the location

Stock auto update

Goods-Out

Barcode scanning to move materials to the requested department

GOODS-IN PROCESS

Goods-In being unloaded

Scanning of material barcode

Moved to a specific location in the warehouse

Manufacturing date

Material code

Expiry date

Weight / Quantity
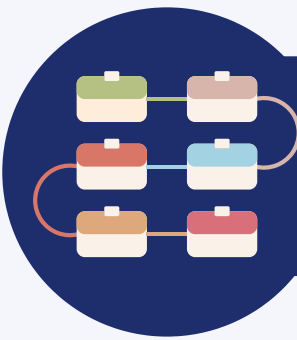
User Roles

This system can be accessed by multiple users with valid credentials, and menus depending on the user roles.

Administrator

Department users

Store supervisors

IMS WORKFLOW

➤ Inventory receiving

➤ Scanning and putting in to the specific location

➤ Department material order request

➤ Approval for department requests

➤ Movement of materials in departments

SCREENSHOTS

(with functional flow)
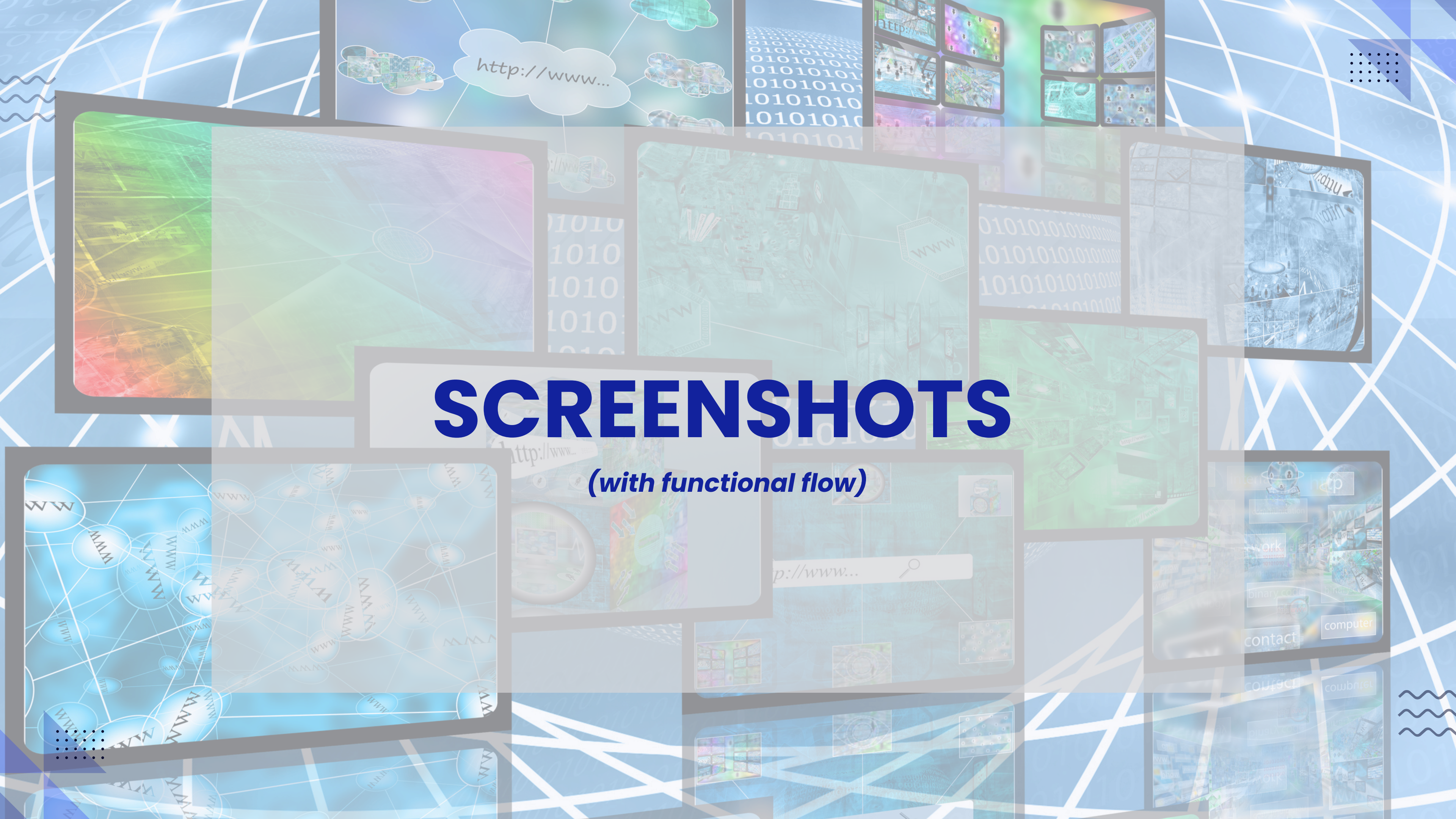
LOGIN PAGE

- Admin will intimate users with their valid User name and Password to Login in Inventory Management System.
- Users who have their User Id and Password can Login through Login page.
- After successful login user will be redirect to the home page of Inventory Management.

admin

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Login

Want to login to Radio? Click here

SCHOOL / COLLEGE
MANAGEMENT SYSTEM

- Our Home page is dashboard for the end user. It shows all the module in our application.
- From Home page we can directly reach to any required module.
- We can switch to modules by the navigation bar.

IMS Inventory Management System

Catalog

Admin

Notification Alert

Stock

Goods Handling

Stock Snapshot

Request Notification

User Guide

Location

Goods In

Movement

CREATE PRODUCT

- User can create Products and create PO.

Delete Product

- List Page shows the record of multiple purchase order.
- Records can be filter by PO number Description etc.

IMS Inventory Management System

admin

Logout

Goods Handling >> Goods Received >> Create PO

| Delete | Export | | | | | | | | | | Refresh |

| Previous | | Page | 1 | of 1 | | 5 rows | | Next | |

Select All	PO Number	SAP No	Create BAGS	View Pallet	Description	Packaging	Vendor Name	Order Quantity	Receive Quantity	Location	Remark
	22220009	22200098	Create BAG	View Material	LAPTOPS	BAG	IBRAHIM	10	10		CREATING PO F...	UI
	222220009	22200008	Create BAG	View Material	Mobiles	BAG	IBRAHIM	10	10		purchasing mob...	UI
	9090909098	45454545	Create BAG	View Material	CHAIRS	BAG	siraj	10	10		CREATING PO F...	UI
☐	64061857	45454545	Create BAG	View Material	CHAIRS	BAG	KAIF	5	0	T101	OK	COMI
☐	56487676	22200008	Create BAG	View Material	Mobiles	BAG	NAZIM	4	0	F201	GOOD	COMI

| Previous | | Page | 1 | of 1 | | 5 rows | | Next | |

BAG CREATION FOR USER

- User enter the quantity then barcode will be generated for the bags.

GOODS-IN LIST PAGE

- User can the check Awaiting Stock inside the Goods-in Bag menu.

IMS Inventory Management System

admin

Logout

Goods In >> Bags

Refresh

| | Previous | | | Page | 1 | of 1 | | 20 rows | | | Next | |

Select All	SAP No	PO Number	Description	Bag Code	Department Name	Location	Mode	Modified Date	Modified By
☐	45454545	64061857	CHAIRS	64061857000000			Awaiting	6/5/2024	admin
☐	45454545	64061857	CHAIRS	64061857000001			Awaiting	6/5/2024	admin
☐	45454545	64061857	CHAIRS	64061857000002			Awaiting	6/5/2024	admin

Dashboard

Catalogue

Admin

Notification Alert

Stock

Goods Handling

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Goods In

Movement

Mission Cancellation

ASSIGNING LOCATIONS

- User can assign location to awaiting stocks.
- Select any row by clicking on the checkbox.
- Select any department from dropdown and select validate.

IMS Inventory Management System

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Goods In >> Bags

Refresh

Dashboard

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Select All ☐	SAP No	PO Number	Description	Bag Code	Department Name	Location	Mode	Modified Date	Modified By
	45454545	64061857	CHAIRS	64061857000000	COMPUTER SCIENCE ...	COMPUTER SCIENCE ...	Awaiting	6/5/2024	admin
	45454545	64061857	CHAIRS	64061857000001	COMPUTER SCIENCE ...	COMPUTER SCIENCE ...	Awaiting	6/5/2024	admin
	45454545	64061857	CHAIRS	64061857000002	COMPUTER SCIENCE ...	COMPUTER SCIENCE ...	Awaiting	6/5/2024	admin

| | Previous | Page 1 of 1 | 5 rows | Next |

Total number of Data : 3
Total number of Selected Rows : : 0

GoodsIn successfull

COMPUTER SCIENCE DEPARTN ⌄   --- Select Rack --- ⌄   Validate

RADIO APPLICATION – LOGIN

- User enter the valid Username and Password to sigh-in the radio Application.

Login Id :

Password:

Login

GOODS RECEIVE PAGE – RADIO

- User can select Goods-receive menu.
- User scan the barcode throw the device. Material to move location.

Goods Received	
Goods Issue	Logout
Mission Movement	

Enter Container Value   64061857000000

Location   COMPUTER SCIENCE DEP.

Warehouse   COMPUTER SCIENCE DEP.

Back   submit

GOODS-OUT PROCESS

CREATE ADDITIVES ISSUE REQUEST

- User creates the Material request.
- Request send for Approval to Admin.
- Menu -> Goods Handling -> Goods Issue Request -> Create Request.

ADDITIVES REQUEST LIST

- Admin can Accept/Reject the department request.
- Menu -> Goods Handling -> Goods Issue Request -> Approve/Reject.

IMS Inventory Management System

ad

Goods Handling >> Goods Issue Request >>Create Request

Export | Refresh

Previous | Page 1 of 1 | 5 rows | Next

SAP No	Request Plant	Approval Date	Required Quantity	Approve/Reject By	Packaging	Manager Name	Request Status	Date Of Delivery	Approve	Closed & Rejected	Print PDF
22200098	University	2020-09-19	1	admin	BAG		APPROVED	2020-09-19	Approved	Rejected	Print PDF
22200098	COMPUTER SCIE...	2023-11-29	2	admin	BAG	cs	APPROVED	2023-11-29	Approved	Rejected	Print PDF
22200008	COMPUTER SCIE...	2023-11-29	2	admin	BAG		APPROVED	2023-11-30	Approved	Rejected	Print PDF
45454545	COMPUTER SCIE...	2024-03-12	2	admin	BAG	cs	APPROVED	2024-03-12	Approved	Rejected	Print PDF
22200008	COMPUTER SCIE...		1		BAG	cs	AWAITING	2024-06-21	Approved	Rejected	Print PDF

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Total number of Data: 5

Dashboard

Catalogue

Admin

Notification Alert

Stock

Goods Handling

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Movement

GOODS ISSUE – RADIO

- User Select the Goods-issue menu.
- After that select the mission generated for request.
- Scan the barcode through device to validate.

Goods Received		Logout
Goods Issue		
Mission Movement		

Select Mission [▼]

Back | submit

188560

Location	UNIVERSITY WAREHOUSI
WareHouse	UNIVERSITY WAREHOUSI
Container No	22222000900003
Enter Container Value	[ ]

Back | submit

GOODS CONSUMED

- Checking in web application Goods Handling -> Goods Consumed menu, if the Material is in Shipped/Dispatched state.

Simpana

Thank you!
Do you have any questions?

Email
contact@simpanatech.com