AS-IS vs TO-BE Process Overview & Automation Roadmap - WMS
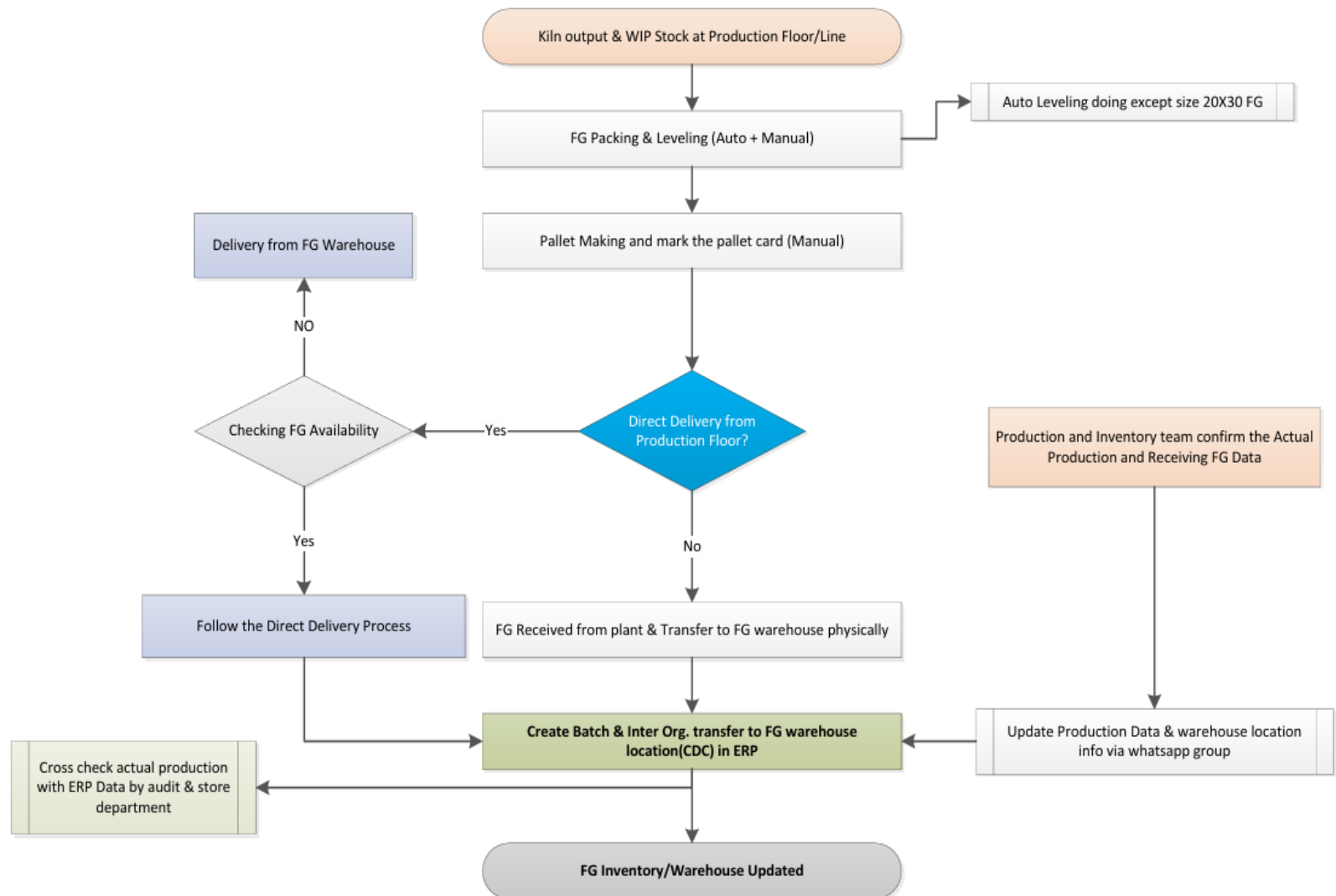
Agenda

- AS-IS process overview

- Identified gaps

- Proposed TO-BE process & automation scope

- Assumptions & dependencies
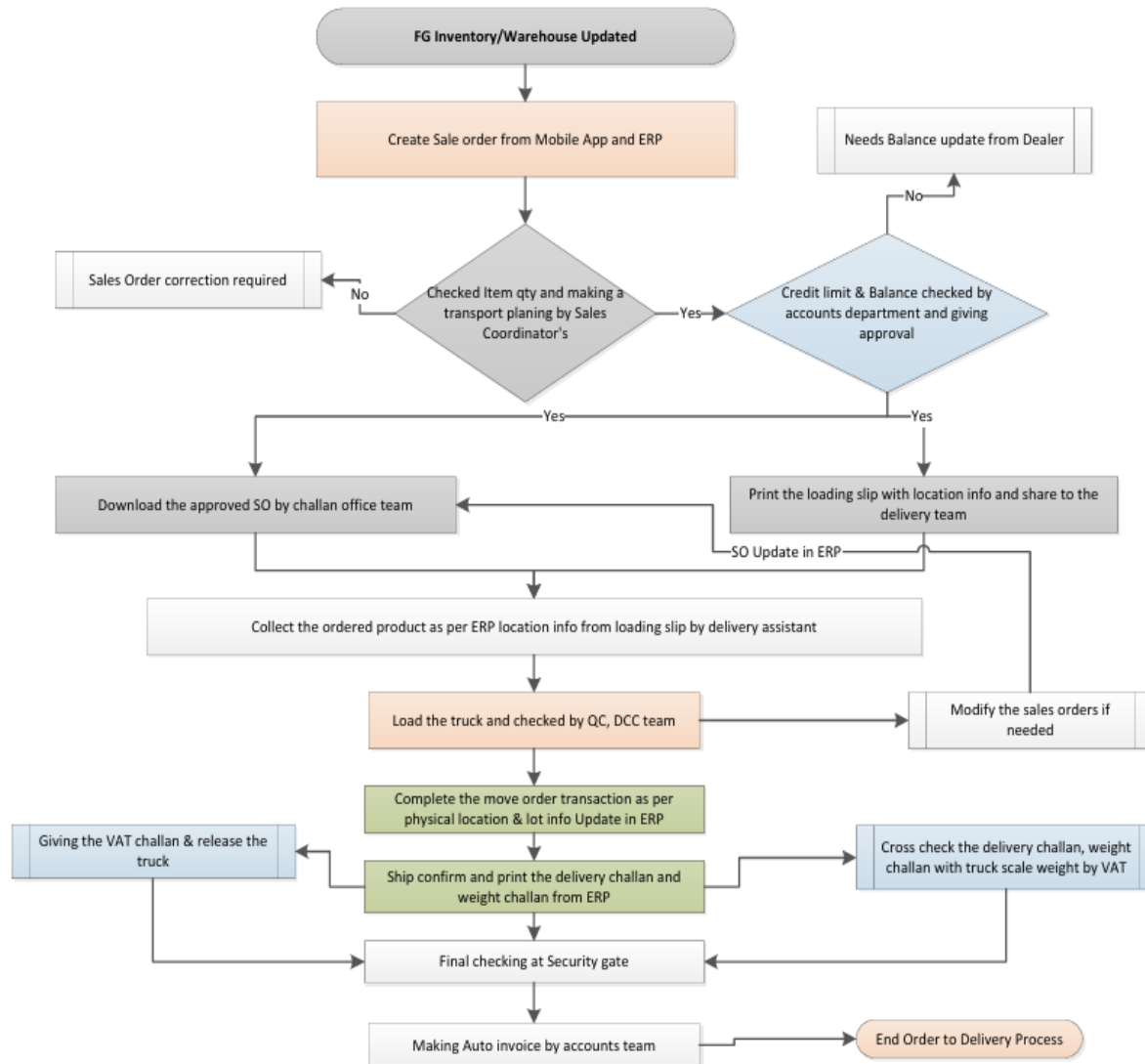
- Next steps & validation

AS-IS Process Overview

- Predominantly manual or semi-manual operations

- Limited system-driven controls

- High dependency on user intervention

- Limited real-time visibility

FG Production Floor to Warehouse operation process flow (AS-IS)


```
          ┌─────────────────────────────────────┐
          │ Kiln output & WIP Stock at          │
          │ Production Floor/Line               │
          └─────────────────────────────────────┘
                        │
                        ▼
          ┌─────────────────────────────────────┐      ┌──────────────────────────────┐
          │ FG Packing & Leveling (Auto + Manual)│─────▶│ Auto Leveling doing except   │
          └─────────────────────────────────────┘      │ size 20X30 FG                │
                        │                               └──────────────────────────────┘
                        ▼
          ┌─────────────────────────────────────┐
          │ Pallet Making and mark the pallet   │
          │ card (Manual)                       │
          └─────────────────────────────────────┘
```

Delivery from FG Warehouse

NO

Checking FG Availability ◀──Yes── Direct Delivery from Production Floor?

Yes

No

Production and Inventory team confirm the Actual Production and Receiving FG Data

Follow the Direct Delivery Process

FG Received from plant & Transfer to FG warehouse physically

Cross check actual production with ERP Data by audit & store department

Create Batch & Inter Org. transfer to FG warehouse location(CDC) in ERP

Update Production Data & warehouse location info via whatsapp group

FG Inventory/Warehouse Updated

FG Sales Order to Delivery operation process flow (AS-IS)

AS-IS Pain Points

- Manual data entry and errors

- Delayed inventory updates

- Inefficient warehouse movement

- Limited traceability

Identified Gaps

- No system-enforced process control

- Limited real-time inventory accuracy

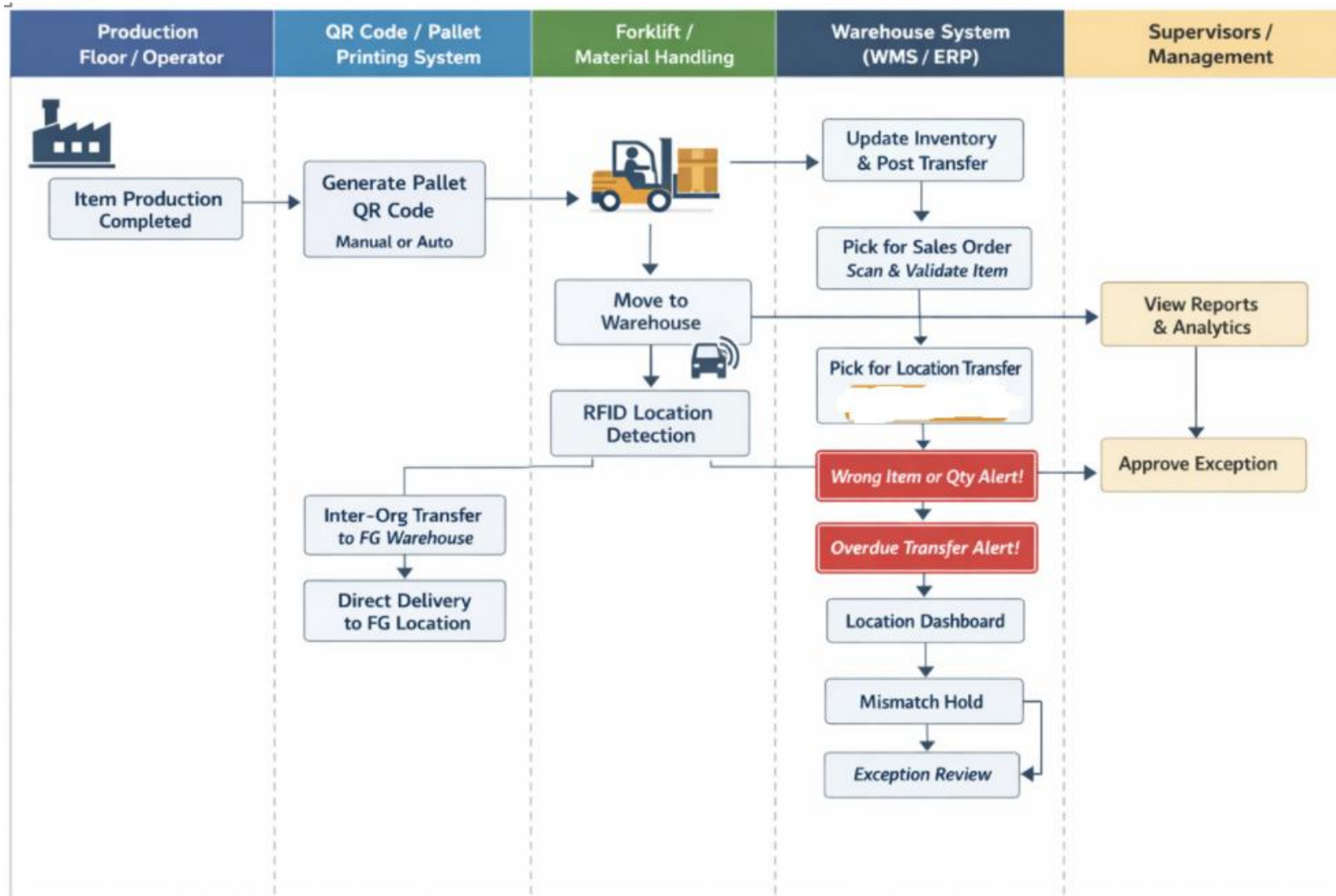- Operator-dependent productivity

- Not scalable for future growth

TO-BE Vision

- System-driven standardized processes

- Automation-enabled operations

- Real-time inventory visibility

- Scalable and audit-ready design

Proposed TO-BE Process

- Digitally enabled inbound to dispatch

- Barcode / QR-based tracking

- Rule-based inventory movement

- Integrated dashboards and reports

Automation & System Enablement Scope

- WMS configuration

- Barcode / QR/RFID integration

- Mobile / RF operations

- Validation and exception handling

Business Benefits

- Improved accuracy and control

- Reduced operational cycle time

- Better space utilization

- Enhanced decision making

Key Assumptions

- Clean and defined master data

- Warehouse Layout designed properly for WMS

- Hardware and network availability

- Business user availability

- SOP alignment
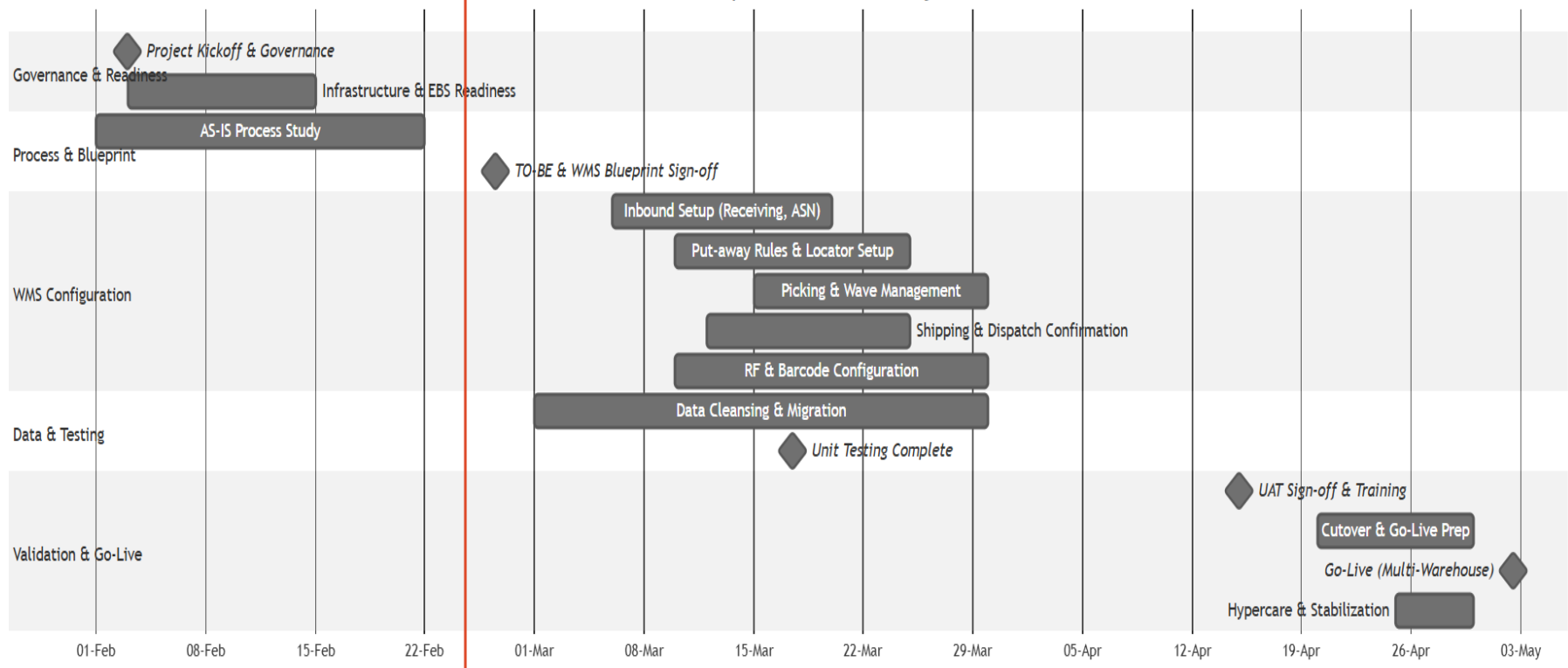
Dependencies & Considerations

- ERP/WMS readiness

- Infrastructure stability

- Change management and training

Project Plan and Gantt Chart

Sl. No	Task	Owner	Responsible	Warehouse Scope	Start Date	End Date	Duration (Days)	Dependency	Milestone	Status	Remarks
1	Project Kickoff & Governance	PMO / CIO	INDEX, BSL	Overall	2026-02-01	2026-02-05	4	-	Y	Completed	
2	Infrastructure & EBS Readiness	IT Infra	INDEX	Overall	2026-02-03	2026-02-15	12	-	N	Completed	
3	AS-IS Process Study	Business + Consultant	INDEX, BSL	Inbound / Outbound	2026-02-01	2026-02-22	21	Kickoff	N	In-Progress	
4	**TO-BE & WMS Blueprint Sign-off**	Business + IT	INDEX, BSL	All Warehouses	2026-02-15	2026-03-10	23	AS-IS	Y	Planned	
5	Inbound Setup (Receiving, ASN)	Functional WMS	INDEX, BSL	Inbound	2026-03-06	2026-03-20	14	Blueprint	N	Planned	
6	Put-away Rules & Locator Setup	Functional WMS	INDEX, BSL	Put-away	2026-03-10	2026-03-25	15	Inbound, Outbound	N	Planned	
7	Picking & Wave Management	Functional WMS	INDEX, BSL	Picking	2026-03-15	2026-03-30	15	Put-away	N	Planned	
8	Shipping & Dispatch Confirmation	Functional WMS	INDEX, BSL	Shipping	2026-03-12	2026-03-25	13	Picking	N	Planned	
9	RF & Barcode Configuration	Tech + Functional	INDEX, BSL	RF / Barcode	2026-03-10	2026-03-30	20	Inbound, Outbound	N	Planned	
10	**Data Cleansing & Migration**	Business + IT	INDEX, BSL	Item / Locator / On-hand	2026-03-01	2026-03-30	29	Setup	N	Planned	
11	**Unit Testing Complete**	All Teams	INDEX, BSL	All	2026-03-10	2026-03-25	15	Configuration	Y	Planned	
12	**UAT Sign-off & Training**	Business	INDEX, BSL	All Warehouses	2026-04-10	2026-04-20	10	CRP	Y	Planned	
13	Cutover & Go-Live Prep	PMO + IT	INDEX, BSL	All	2026-04-20	2026-04-30	10	UAT	N	Planned	
14	**Go-Live (Multi-Warehouse)**	All	INDEX, BSL	All	2026-05-02	2026-05-02	0	Cutover	Y	Planned	
15	Hypercare & Stabilization	IT + Business	INDEX, BSL	All	2026-04-25	2026-04-30	5	Go-Live	N	Planned	

Project Plan and Gantt Chart

Oracle EBS WMS Implementation - Project Plan Gantt

Next Steps

- Validate TO-BE scope

- Confirm automation priorities

- Finalize implementation roadmap

- Client sign-off

Validation Required

- Process alignment confirmation

- Automation scope approval

- Assumptions acceptance

- Go-ahead for next phase

Thank You

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