

Complete User Stories for a Manufacturing System

Production & Operations

1. *I want to arrange machine usage as a production manager by creating production schedules.*
 2. *As a supervisor, I want to allocate production tasks to workers so that the workflow remains organized.*
 3. *As a worker, I want to check my daily tasks so that I know what to produce.*
 4. *As a technician, I want to record machine downtime so that managers are informed about production delays.*
 5. *As a manager, I want to monitor work orders in real time so that I can track progress effectively.*
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Inventory & Supply Chain

6. *As a warehouse staff, I want to record incoming raw materials so that stock levels are accurate.*
 7. *As a procurement officer, I want to reorder materials automatically when stock is low so that production is not interrupted.*
 8. *As a storekeeper, I want to track finished goods inventory so that I can prepare shipments.*
 9. *As a logistics manager, I want to generate delivery schedules so that customers receive goods on time.*
 10. *As a supplier manager, I want to track supplier performance so that I can choose reliable partners.*
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Quality Control

11. *As a quality inspector, I want to log inspection results so that defective items are identified.*
12. *As a QA manager, I want to generate defect reports so that I can identify recurring issues.*

13. *As a worker, I want to get alerts if a machine produces defective units so that I can stop the line quickly.*
 14. *As a QA auditor, I want to review past inspection records so that compliance is verified.*
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Maintenance

15. *As a technician, I want to schedule preventive maintenance tasks so that machines do not break down unexpectedly.*
 16. *As a worker, I want to report unusual sounds or movements in a machine through the system, so that intervention can happen early before production stops.*
 17. *As a maintenance manager, I want to see machine health reports so that I can reduce downtime.*
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Safety & Compliance

18. *As a safety officer, I want to record safety incidents so that I can improve workplace safety.*
19. *As a safety officer, I want to use cameras to monitor the production floor so that I can quickly identify unsafe behaviors or hazards.*
20. *As a compliance officer, I want audit-ready records so that we pass regulatory inspections.*