

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Field	Details
Date	04 November 2025
Team ID	NM2025TMID03885
Project Name	Medical Inventory Management System
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint -1	Account Setup	MIS-1	As an admin, I can create a Salesforce developer account at developer.salesforce.com.	2	High	Prakash N
Sprint -1	Object Creation	MIS-2	As a developer, I can create Product object with fields (Name, Description, Stock Levels, Unit Price, Expiry Date).	3	High	Aruna DEVI S
Sprint -1	Object Creation	MIS-3	As a developer, I can create Purchase Order object with Supplier lookup relationship.	3	High	Aruna DEVI S
Sprint -2	Object Creation	MIS-4	As a developer, I can create Supplier object with contact fields (Name, Phone, Email,	2	High	HARI Prasath S

			Address).			
Sprint -2	Object Creation	MIS-5	As a developer, I can create Inventory Transaction object with Product and User lookups.	3	High	HARI Prasath S
Sprint -2	Tab Configuration	MIS-6	As a user, I can access custom tabs for Product, Purchase Order, Supplier, and Inventory Transaction objects.	2	High	Prakash N
Sprint -3	Lightning App	MIS-7	As a user, I want a Medical Inventory Management Lightning App that groups all tabs together.	3	High	Gohul RAJ G
Sprint -3	Field Creation	MIS-8	As a developer, I can create text, number, and currency fields in Product object.	2	High	Aruna DEVI S
Sprint -3	Field Creation	MIS-9	As a developer, I can create lookup, date, and picklist fields in Purchase Order object.	3	High	Aruna DEVI S
Sprint -4	Field Creation	MIS-10	As a developer, I can create roll-up summary field to calculate Purchase Order total amount.	3	High	Aruna DEVI S
Sprint -4	Field Creation	MIS-11	As a developer, I can create formula fields for automatic calculations in Purchase Order.	2	Medium	Aruna DEVI S
Sprint -4	Field Creation	MIS-12	As a developer, I can create phone and email fields in Supplier object.	2	Medium	HARI Prasath S
Sprint	Page Layouts	MIS-13	As an admin, I can customize page layout	2	Medium	Prakash

-5			for Product object with organized field sections.		m	N
Sprint -5	Page Layouts	MIS-14	As an admin, I can customize page layouts for Purchase Order, Supplier, and Inventory Transaction objects.	3	Medium	Prakash N
Sprint -5	Compact Layouts	MIS-15	As a user, I want to see key Product fields (Name, Stock, Expiry) in compact view.	2	Medium	Prakash N
Sprint -6	Compact Layouts	MIS-16	As a user, I want to see key Purchase Order fields (Supplier, Date, Status) in compact view.	2	Medium	Prakash N
Sprint -6	Validation Rules	MIS-17	As a system admin, I want to ensure Expected Delivery Date is after Order Date through validation rule.	3	High	Gohul RAJ G
Sprint -6	Profile Creation	MIS-18	As an admin, I can create Inventory Manager profile with CRUD permissions on Product and Inventory Transaction.	3	High	Prakash N
Sprint -7	Profile Creation	MIS-19	As an admin, I can create Purchase Manager profile with CRUD permissions on Purchase Order and Supplier.	3	High	Prakash N
Sprint -7	Role Hierarchy	MIS-20	As an admin, I can create Purchasing Manager role hierarchy for record-level access.	2	High	Prakash N
Sprint -7	User Management	MIS-21	As an admin, I can create users and assign Inventory Manager and	2	Medium	Prakash N

			Purchase Manager profiles.			
Sprint -8	Permission Sets	MIS-22	As an admin, I can create permission sets for specialized inventory access beyond base profiles.	2	Medium	Prakash N
Sprint -8	Flow Creation	MIS-23	As a pharmacist, I want automated email alerts sent 30 days before product expiry.	4	High	Gohul RAJ G
Sprint -8	Flow Creation	MIS-24	As a pharmacist, I want automated email alerts sent 15 and 7 days before product expiry.	3	High	Gohul RAJ G
Sprint -9	Flow Creation	MIS-25	As an inventory manager, I want alerts when product stock falls below minimum level.	4	High	Gohul RAJ G
Sprint -9	Flow Creation	MIS-26	As a system, I want to auto-update Actual Delivery Date when Purchase Order status changes to "Delivered".	3	High	Gohul RAJ G
Sprint -9	Trigger Development	MIS-27	As a system, I want automatic calculation of Purchase Order total when Order Items are added or modified.	5	High	HARI Prasath S
Sprint -10	Report Creation	MIS-28	As a purchase manager, I want a summary report showing Purchase Orders grouped by Supplier.	3	Medium	HARI Prasath S
Sprint -10	Report Creation	MIS-29	As an auditor, I want a detailed report showing complete purchase order line items.	3	Medium	HARI Prasath S

Sprint -10	Dashboard Creation	MIS-30	As a manager, I want a dashboard showing supplier performance metrics (on-time delivery %, spending).	4	Medium	HARI Prasath S
Sprint -11	Dashboard Creation	MIS-31	As a manager, I want a dashboard showing inventory status (stock levels, expiry alerts, low stock warnings).	4	Medium	HARI Prasath S
Sprint -11	Testing	MIS-32	As a tester, I should verify expiry alert flow triggers at correct intervals (30, 15, 7 days).	3	High	Gohul RAJ G
Sprint -11	Testing	MIS-33	As a tester, I should verify minimum stock alert flow triggers when stock falls below threshold.	3	High	Gohul RAJ G
Sprint -12	Testing	MIS-34	As a tester, I should verify Purchase Order total calculates correctly when items added/updated/deleted.	3	High	Gohul RAJ G
Sprint -12	Testing	MIS-35	As a tester, I should verify validation rule prevents invalid delivery dates.	2	High	Aruna DEVI S
Sprint -12	Documentation	MIS-36	As a developer, I want to document the solution architecture and design phases for submission.	3	Medium	Aruna DEVI S

Project Tracker, Velocity & Burndown Chart:

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	8	1 Day	25 Oct 2025	25 Oct 2025	8	25 Oct 2025
Sprint-2	7	1 Day	26 Oct 2025	26 Oct 2025	7	26 Oct 2025
Sprint-3	8	1 Day	27 Oct 2025	27 Oct 2025	8	27 Oct 2025
Sprint-4	7	1 Day	28 Oct 2025	28 Oct 2025	7	28 Oct 2025
Sprint-5	7	1 Day	29 Oct 2025	29 Oct 2025	7	29 Oct 2025
Sprint-6	8	1 Day	30 Oct 2025	30 Oct 2025	8	30 Oct 2025
Sprint-7	7	1 Day	31 Oct 2025	31 Oct 2025	7	31 Oct 2025
Sprint-8	9	1 Day	01 Nov 2025	01 Nov 2025	9	01 Nov 2025
Sprint-9	12	1 Day	02 Nov 2025	02 Nov 2025	12	02 Nov 2025
Sprint-10	10	1 Day	03 Nov 2025	03 Nov 2025	10	03 Nov 2025
Sprint-11	10	1 Day	04 Nov 2025	04 Nov 2025	10	04 Nov 2025
Sprint-12	8	1 Day	04 Nov 2025	04 Nov 2025	8	04 Nov 2025

Velocity

Average velocity = (Total Story Points Completed) / (Total Duration in Days)

Total: 101 points over 40 days → Velocity = 2.53 points/day

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

