Ideation phase
Brainstorming / Idea Prioritization

Date	25/10/2025
Team ID	NM2025TMID04337
Project Name	MedicalInventory Management System
Maximum Mark	10Marks

1. Introduction

ThisdocumentdescribestheIdeationPhasefortheMedicalInventoryManagementSystem built on Salesforce. The goal of this phase is to explore the problems hospitals and clinics face when managing medicines and to propose a viable Salesforce-based solution.

Purpose

Thepurposeofthisprojectistocreateareliable,easy-to-usesystemthathelpshealthcare facilities track medicine stock, monitor expiry dates, manage suppliers, and automate reordering using Salesforce features such as custom objects, Flows, Reports, and Dashboards.

BackgroundandProblemStatement

Many small to medium healthcare centers use manual spreadsheets or basic software to manage medical inventory. This leads to issues such as stockouts, expired medicines being usedorwasted,inconsistentrecords,andpoorreportingforauditsandprocurement.These problems increase costs and risk to patients.

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Objectives
- Providereal-timevisibilityofinventorylevels.
- Reducestockoutsandexpiredmedicineoccurrences.
- Improveprocurementefficiencyusingautomatedalerts.
- Provideclearreportsanddashboardsfordecision-making.

Stakeholders
Primary stakeholders include: Administrators, Pharmacists, Procurement Officers, and HospitalManagement.Secondarystakeholdersincludesuppliers,auditors,andITsupport staff.

BrainstormedIdeas
Theteamconsideredmultipleapproaches:
- BuildcustomSalesforceobjectsforMedicine,Supplier,PurchaseOrder,andStock Transaction.
- UseFlowsforstockupdatesandscheduledchecksfornearing-expiryitems.
- Implementbarcodescanningviamobileforquickstockupdates.
- Createdashboardsforstocklevels,expiryalerts,andpurchasehistory.
- Addrole-basedaccess:pharmacists,admins,andsuppliers.

FeasibilityandImpactAnalysis
Each idea was rated by feasibility and impact. Custom objects and Flows scored high for feasibility and high impact. Barcode scanning was medium-high impact but dependent on deviceavailability.Dashboardsandscheduledflowswerehigh-impactandstraightforward to implement in Salesforce.

OutcomeofIdeation
TheteamagreedtoproceedwithaSalesforcesolutionfocusedon:customobjects,Flowsfor automation, scheduled expiry checks, dashboards for monitoring, and simple mobile-friendly record pages for pharmacists.

Next Steps
MovetoProjectPlanning:definetimeline,resources,anddetailedrequirementsforeach selected module.