# INTRODUCTION

1.PROJECT OVERVIEW

A **Vehicle Management System (VMS)** is a comprehensive tool designed to efficiently manage and track all aspects of vehicle-related operations, including vehicle procurement, maintenance, fleet management, servicing, insurance tracking, and more. Implementing a Vehicle Management System using **Salesforce** offers businesses a powerful and customizable platform to manage their fleet and associated data in a more streamlined and automated way.

2.PURPOSE

A Vehicle Management System (VMS) using Salesforce can help organizations manage their fleet of vehicles efficiently by integrating various functionalities such as tracking, maintenance, sales, and customer management. The purpose of implementing a VMS with Salesforce includes.

PLANNING LOGIC:

A Sprint fixed period or duration in which a team works to complete a set of tasks

An Epic is a big task or project that is too large to complete in one sprint. It is broken down into smaller tasks (stories) that can be completed over multiple sprints.

A Story is a small task . It is part of an Epic.

A Story Point is a number that represents how much effort a story takes to complete. (usually in form of Fibonacci series)

1.Very Easy task

2.Easy task

3.Moderate task

4.Difficult

Sprint 1: (5 Days)

Data Collection

Collection of Data 2

Loading Data 1

Data Preprocessing

Handling Missing Values 3

Handling Categorical values 2

Sprint 2 (5 Days)

Model Building

Model Building 5

Testing Model 3

Deployment

Working HTML Pages 3

Flask deployment 5

Total Story Points

Sprint 1 = 8

Sprint 2 = 16

Velocity= Total Story Points Completed/ Number of Sprints

Total story Points= 16+8 =24

No of Sprints= 2

Velocity = (16+8)/2= 24/2

12 (Story Points per Sprint)

Your team’s velocity is 12 Story Points per Sprint.

PROJECT PLANNING PHASE

PROJECT PLANNING TEMPLATE(PRODUCT,BACKLOG,SPRINT PLANNING,STORIES,STORY POINTS)

|  |  |
| --- | --- |
| DATE | 15 February 2025 |
| TEAM ID | LTVIP2025TMID19432 |
| PROJECT NAME | Vehicle management system using salesforce. |
| MAXIMUM MARKS | 5 marks |

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional  Requirement(epic) | User story  number | User story/Task | Story point | priority | Team members |
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 2 | High | B.Hemalatha  p.yamuna  p.Nandini  R.Asha  A.venakata lakshmi |
| Sprint-1 | Registration | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | B.Hemalatha  p.yamuna  p.Nandini  R.Asha  A.venakata lakshmi |
| Sprint-2 | Registration | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | B.Hemalatha  p.yamuna  p.Nandini  R.Asha  A.venakata lakshmi |
| Sprint-1 | Registration | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | B.Hemalatha  p.yamuna  p.Nandini  R.Asha  A.venakata lakshmi |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | B.Hemalatha  p.yamuna  p.Nandini  R.Asha  A.venakata lakshmi |
| Sprint-2 | Dashboard | USN-6 | As an admin,I can view user statistics on the dashboard. | 3 | High | B.Hemalatha  p.yamuna  p.Nandini  R.Asha  A.venakata lakshmi |
| Sprint-2 | Dashboard | USN-7 | As an admin,I can generate reports from the dashboard. | 3 | Medium | B.Hemalatha  p.yamuna  p.Nandini  R.Asha  A.venakata lakshmi |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

| *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 | 20 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 20 | 04 nov 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 10 nov  2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 17 nov 2022 |
| -4 | 20 | 6 Days | 14 Nov 2022 | 19 Sprint Nov 2022 | 20 | 24 nov 2022 |

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day)



CONCLUSION:

The planning process in the development and implementation of a **Vehicle Management System (VMS) using Salesforce** is a crucial phase that sets the foundation for a successful system. A comprehensive and thoughtful planning phase ensures that the system meets business needs, optimizes fleet management, and can scale with the organization's growth.

THANK YOU SMARTBRIDGE

BORRA HEMALATHA(Team Leader)