**INTRODUCTION:**

**1. Project Overview**

The CRM application for jewel management is designed to streamline operations, enhance customer relationships, and optimize inventory management. The admin module focuses on user roles, profiles, user adoption, flows, Lightning apps, fields, reports, and dashboards.

**2.PURPOSE:**

- Improve user experience through efficient role and profile management.

- Enhance reporting and dashboard functionality for better insights.

- Streamline workflow automation using Lightning apps.

- Ensure high user adoption with an intuitive design and training support.

**Key Definitions:**

Sprint

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

Epic

A large task or project that is too big to complete in one sprint. It is broken down into smaller tasks

(stories).

Story

A small task that is part of an Epic.

Story Point

A number representing the effort needed to complete a story, usually in Fibonacci series:

1

Very easy task

2

Easy task

3

Moderate task

5

Difficult task

**Sprint 1 (5 Days):**

**Data Collection**

- Collection of Data 2 Story Points

- Loading Data 1 Story Point

**Data Preprocessing**

- Handling Missing Values 3 Story Points

- Handling Categorical Values 2 Story Points

Total Story Points in Sprint 1 8

**Sprint 2 (5 Days):**

**Model Building**

- Model Building 5 Story Points

- Testing Model 3 Story Points

**Deployment**

- Working HTML Pages 3 Story Points

- Flask Deployment 5 Story Points

Total Story Points in Sprint 2 16

**Velocity Calculation:**

Formula:

Velocity = Total Story Points Completed / Number of Sprints

Total Story Points: 8 (Sprint 1) + 16 (Sprint 2) = 24

Number of Sprints: 2

Velocity: 24 2 = 12 (Story Points per Sprint)

: Your teams 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 | LTVIP2025TMID19428 |
| Project Name | CRM Application for jewel management |
| Maximum marks | 5 marks |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirement (Epic)** | **User Story**  **Number** | **User Story / Task** | **Story Points** | **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.Kamala  B.Sireesha  S.Jyoti  G.lavanya |
| Sprint-1 | Registration | USN-2 | As a user, I will receive confirmation email once  I have registered for the application | 1 | High | B.Kamala  B.Sireesha  S.Jyoti  G.lavanya |
| Sprint-2 | Registration | USN-3 | As a user, I can register for the application  through Facebook | 2 | Low | B.Kamala  B.Sireesha  S.Jyoti  G.lavanya |
| Sprint-1 | Registration | USN-4 | As a user, I can register for the application  through Gmail | 2 | Medium | B.Kamala  B.Sireesha  S.Jyoti  G.lavanya |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by  entering email &amp; password | 1 | High | B.Kamala  B.Sireesha  S.Jyoti  G.lavanya |
| Sprint-2 | Dashboard | USN-6 | As an admin, I can view user statistics on the dashboard | 3 | High | B.Kamala  B.Sireesha  S.Jyoti  G.lavanya |
| Sprint-2 | Dashboard | USN-7 | As an admin, I can generate reports from the dashboard. | 3 | Medium | B.Kamala  B.Sireesha  S.Jyoti  G.lavanya |

**Project Tracker, Velocity &amp; 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 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 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) periteration unit (story points per day)

AV=Spirit duration/Velocity=20/10=2

**CONCLUSION:**

This project planning document outlines the structured approach to developing and implementing the CRM application for jewel management. With a well-defined scope, objectives, and risk mitigation strategies, the project aims to enhance efficiency and user experience within the jewel management domain.

**THANKYOU SMARTBRIDGE**

**B.NAGA SAI LAKSHMI KAMALA**

**TEAM LEADER**