**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 26 June 2025 |
| Team ID | LTVIP2025TMID53123 |
| Project Name | ResolveNow: Your Platform for Online  Complaints |
| 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 with email, password, and confirmation. | 2 | High | Varshitha, Team A |
| Sprint- 1 |  | USN-2 | As a user, I receive a confirmation email after registration. | 1 | High | Varshitha |
| Sprint- 2 |  | USN-3 | As a user, I can register using Facebook. | 2 | Low | Team B |
| Sprint- 1 |  | USN-4 | As a user, I can register using Gmail. | 2 | Medium | Varshitha |
| Sprint- 1 | Login | USN-5 | As a user, I can log in with my email and password. | 1 | High | Team A |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint- 2 | Dashboard | USN-6 | As a user, I can view my complaint status and history. | 3 | High | Team C |
| Sprint- 3 | Complaint Submission | USN-7 | As a user, I can submit a new complaint through a form. | 3 | High | Team A |
| Sprint- 3 | Chat Feature | USN-8 | As a user, I can chat with the assigned agent. | 4 | High | Team B |
| Sprint- 4 | Feedback System | USN-9 | As a user, I can rate and provide feedback after issue resolution. | 2 | Medium | Team C |

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

**Project Tracker Table**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed** | **Sprint Release Date (Actual)** |
| Sprint-1 | 20 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 18 (Estimated) | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 16 (Estimated) | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | TBD | TBD |

# Velocity Calculation

## Formula:

**Velocity = Total Story Points Completed / Number of Sprints**

* Sprint-1: 20
* Sprint-2: 18
* Sprint-3: 16
* Total Story Points = **54**
* Number of Sprints = **3**

## Team Velocity = 54 / 3 = 18 Story Points per Sprint

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Team Velocity & Average Calculation

## Story Points Completed Per Sprint

|  |  |
| --- | --- |
| **Sprint** | **Story Points Completed** |
| Sprint-1 | 20 |
| Sprint-2 | 18 |

|  |  |
| --- | --- |
| **Sprint** | **Story Points Completed** |
| Sprint-3 | 16 |
| **Total** | **54** |

**Average Story Points per Day**

Assuming each sprint = **6 working days**, then:

## Average = Velocity / Sprint Duration

Average = 18 story points / 6 days = **3 story points per day**

# BURNDOWN CHART EXPLANATION

A **Burndown Chart** tracks the total remaining work (story points) against time (days). It helps monitor sprint progress and whether the team is on track to finish tasks within the sprint timeline.

* X-axis: Time (Sprint Days)
* Y-axis: Remaining Story Points
* Ideal line: Declines linearly from total points to zero
* Actual line: Shows real progress based on completed story points daily

References

## Scrum Burndown Chart Overview

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

## Burndown Charts Tutorial

<https://www.atlassian.com/agile/tutorials/burndown-charts>

## Agile Project Management Guide

<https://www.atlassian.com/agile/project-management>

## How to Do Scrum with Jira Software

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

## Understanding Epics in Agile

<https://www.atlassian.com/agile/tutorials/epics>

## Introduction to Sprints

<https://www.atlassian.com/agile/tutorials/sprints>

## Agile Estimation Methods

<https://www.atlassian.com/agile/project-management/estimation>