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

| Date | 16 June 2025 |
|---|---|
| Team ID | LTVIP2025TMID59319 |
| Project Name | ResolveNow: Your Platform for Online Complaints |
| Maximum Marks | 5 Marks |

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

**Product Backlog & Sprint Schedule**

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| Sprint-1 | User Authentication | USN-1 | As a user, I can sign up and log in securely. | 3 | High | Gangineni Surekha |
| | | USN-2 | As a user, I can reset my password. | 2 | Medium | Gangineni Surekha |
| Sprint-2 | Crime Posting | USN-3 | As a client, I can post a Complaint. | 2 | High | Garikapati Tulasi |

| Sprint-3 | Application | USN-4 | As a Agent, I can take care of queries. | 3 | High | Jetti Jaya Keerthi |
|---|---|---|---|---|---|---|
| | | USN-5 | | 2 | High | Jetti Jaya Keerthi |
| | | USN-6 | As a user, I can complaint. | 2 | Medium | Jetti Jaya Keerthi |
| Sprint-4 | Payment Integration & Reviews | USN-7 | | 3 | High | Gera Bhumika |
| | | USN-8 | As a user, I can leave a review after project completion. | 2 | Medium | Gera Bhumika |
| | | USN-9 | | 2 | Medium | Gera Bhumika |
| | | | | | | |

**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 | 20 | 8 Days | 16 June 2025 | 23 june 2025 | 20 | 23 june 2025 |
| Sprint-2 | 20 | 8 Days | 17 June 2025 | 24 june 2025 | 20 | 24 june 2025 |
| Sprint-3 | 20 | 8 Days | 18 June 2025 | 25 june 2025 | 20 | 25 june 2025 |
| Sprint-4 | 20 | 8 Days | 19 June 2025 | 26 june 2025 | 20 | 26 june 2025 |

**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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

**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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/tutorials/burndown-charts

**Reference:**

https://www.atlassian.com/agile/project-management
 https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software
https://www.atlassian.com/agile/tutorials/epics
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