

Project Development Phase Delivery Of Sprint - 1

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

Team ID : PNT2022TMID06816

Team leader : Sudharsanam

Team member : Rajadurai

Team member : Vignesh balaji

Team member : Mukesh

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

Use the below template to create product backlog and sprint schedule

| Sprint | Functional Requirements (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 | Sudharsanam Rajadurai Vignesh balaji Mukesh |
| Sprint-1 | | USN-2 | As a user,I will receive confirmation Email once I have registered for the application | 1 | High | Sudharsanam Rajadurai Vignesh balaji Mukesh |
| Sprint-1 | Login | USN-3 | As a user,I can log into the application by entering Email and password | 1 | High | Sudharsanam Rajadurai Vignesh balaji Mukesh |

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 | 29 Oct 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)

Average Velocity = Story Points per Day

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

Sprint Duration = Number of (Duration)

days per Sprint

Velocity = Points per Sprint

$$AV = \frac{20}{6} \approx 4$$

Therefore, the **AVERAGE VELOCITY IS 4 POINTS PER SPRINT**

Burndown Chart:

A burndown 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.

| Sprint number | Day 0 | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| Sprint-1 | 20 | 0 | 10 | 5 | 3 | 1 | 1 |

BurntDown Chart

