

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

|              |  |
|--------------|--|
| Date         | 31 October 2022  |
| Team ID      | PNT2022TMID25673   |
| Project Name | Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies . |

**Product Backlog, Sprint Schedule, and Estimation**

| 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 resister for the application by entering my email,password, and confirming my password. | 2            | High     | SHANDOSH.G      |
| Sprint-1 | Registration                 | USN-2             | As a user, I will receive confirmation email once Ihave Registered for the Application                   | 1            | High     | SHANDOSH.G      |
| Sprint-1 | Registration                 | USN-3             | As a user ,I can register for the application Gmail.   | 2            | Low      | SHANDOSH.G      |
| Sprint-1 | Login                        | USN-4             | As a user ,I can Login to the application by entering email & password .                                 | 1            | Medium   | SIVA.P          |
| Sprint-2 | Dashboard                    | USN-5             | As a user ,I can view all the plans and methods in the Dashboard.  | 1            | High     | SIVA.P          |
| Sprint-3 | Storage                      | USN-1             | As a user, I can Register for claim my insurance.  | 2            | High     | THULASIDASAN.R  |
| Sprint-3 |                              | USN-2             | As a user, I can make a call to support line to get help with a product or service                       | 2            | High     | PRAVEEN KUMAR.E |
| Sprint-4 |                              | USN-3             | As a user, I can claim my insurance After getting from the administrator.                                | 1            | Medium   | THULASIDASAN.R  |

### 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                 | 3 Days   | 3 Nov 2022        | 6 Nov 2022               | 20  |                             |
| Sprint-2 | 20                 | 3 Days   | 6 Nov 2022        | 9 Nov 2022               |   |                             |
| Sprint-3 | 20                 | 3 Days   | 9 Nov 2022        | 12 Nov 2022              |   |                             |
| Sprint-4 | 20                 | 3 Days   | 12 Nov 2022       | 15 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)

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

### 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.

