

## Project Planning Phase

### Product Backlog, Sprint Planning, Stories, Story points

|              |  |
|--------------|--|
| Date         | 30 October 2022  |
| Team ID      | PNT2022TMID17365   |
| Project Name | Intelligent Vehicle Damage Assessment and Cost EstimatorFor Insurance Companies. |
| Marks        | 8 marks  |

### 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 register for the application by entering my details of name, email, cars etc. verifying my Gmail account and creating new account with password | 7            | HIGH     | TM-1,4       |
| Sprint-1 | Login  | USN -2            | As a user,entering my email, and password, and confirming my password,I can login to my account.   | 7            | HIGH     | TM-1,4       |
| Sprint-1 | Dashboard                                    | USN-3             | As a user, I can clearly see data, point, graphs, charts and trends of my previous activity and global activity related to my views                              | 2            | LOW      | TM-1,4       |
| Sprint-2 | Details about insurance company              | USN-4             | As a user, I can register for theApplication through Gmail and account id.   | 8            | MEDIUM   | TM-2,3       |
| Sprint-1 | repeated logins and logout                   | USN-5             | As a user,I can log in and view my dashboard at my demand on any time  | 4            | HIGH     | TM-1,4       |
| Sprint-2 | Webpage                                      | USN-6             | As a user, I must enter all details of car, accident, capture images of my vehicle and upload it into the web portal.  | 12           | HIGH     | TM-2,3       |
| Sprint 3 | Details about estimated cost based on damage | USN-7             | As a user I must receive a detailed report of the damages present in the vehicle and the Cost estimated.   | 20           | HIGH     | TM-1,2       |
| Sprint 4 | Provide friendly and efficient               | USN-8             | As a user, I need to get support from developers in case of  | 10           | MEDIUM   | TM-1,2,3     |

|          |  |       |   |    |      |          |
|----------|--|-------|---|----|------|----------|
|          | customer support and sort out the queries.                                 |       | queries and failure of service Provided by chat-box,mail or call.   |    |      |          |
| Sprint 4 | overview the entire process and act as a bridge between user and developer | USN-9 | As a Team member, We need to satisfy thecustomer needs in an efficient way and make sure any sort of errors are fixed | 10 | HIGH | TM-1,2,3 |

### Project Tracker, Velocity & Burn-down 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                 | 6 Days   | 24 Oct 2022       | 29 Oct 2022               | 20  | 29 Oct 2022                  |
| Sprint-2 | 20                 | 6 Days   | 31 Oct 2022       | 05 Nov 2022               | -   | -                            |
| Sprint-3 | 20                 | 6 Days   | 07 Nov 2022       | 12 Nov 2022               | -   | -                            |
| Sprint-4 | 20                 | 6 Days   | 14 Nov 2022       | 19 Nov 2022               | -   | -                            |

### Velocity:

$$AV = \frac{SPRINT DURATION}{VELOCITY} = \frac{20}{6} = 3.33$$

### Burn-down Chart:

