

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

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| Date | 5 NOVEMBER 2022 |
| Team ID | PNT2022TMID10090 |
| Project Name | Intelligent Vehicle Damage Assessment & Cost Estimator for Insurance Companies |
| Maximum 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 email, and password, and confirming my password. | 2 | High | AKASH AJITH DEON JEEVA |
| Sprint-1 | Login | USN-2 | As a user, I will receive a confirmation Email once I have registered for the application | 1 | High | AKASH AJITH DEON JEEVA |
| Sprint-1 | Dashboard | USN-3 | As a user, I can register for the application through Face book | 2 | High | AKASH AJITH DEON JEEVA |
| Sprint-2 | Details about insurance company | USN-4 | As a user, I can register for the application through Gmail | 2 | Low | AKASH AJITH DEON JEEVA |

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|----------|---|-------|---|---|--------|---------------------------------|
| Sprint-1 | repeated logins and logout | USN-5 | As a user, I can log into the application by entering email & password | 1 | Medium | AKASH AJITH DEON JEEVA |
| Sprint-2 | Webpage | USN-6 | As a user I must capture images of my vehicle and upload it into the web portal. | 2 | High | AKASH AJITH DEON JEEVA |
| 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 | 2 | High | AKASH AJITH DEON JEEVA |

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|----------|--|-------|---|---|------|---------------------------------|
| Sprint-4 | Provide friendly and efficient customer support and sort out the queries. | USN-8 | As a user, I need to get support from developers in case of queries and failure of service provided | 2 | High | AKASH AJITH DEON JEEVA |
| Sprint-4 | overview the entire process and act as a bridge between user and developer | USN-9 | We need to satisfy the customer needs in an efficient way and make sure any sort of errors is fixed | 2 | High | AKASH AJITH DEON JEEVA |

Project Tracker, Velocity & Burn down Chart:

Project Tracker :

| 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 | 20 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |

Velocity:

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)

$$\begin{aligned}
 AV &= \text{Sprint duration} / \text{Velocity} \\
 &= 20 / 6 \\
 &= 3
 \end{aligned}$$

Burn down 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.

