

Project Planning Phase

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

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| Date | 24 October 2023 |
| Team ID | Team-593456 |
| Project Name | Project - Adversarial attacks and Defenses |
| Maximum Marks | 8 Marks |

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

| 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, password, and confirming my password. | 2 | High | 4 |
| Sprint-1 | | USN-2 | Authentication seems to play a important role and I like how they paid heed to that | 1 | Medium | 4 |
| Sprint-1 | | USN-3 | As a user,it's nice to see how there are different versions available for normal ,commercial and professional use. | 2 | Low | 4 |
| Sprint-2 | | USN-4 | Knowing that websites use AI filters to protect me makes me more confident in engaging with online content. | 2 | Medium | 4 |
| Sprint-2 | Dashboard | USN-5 | It includes a lot of features like Real-Time Monitoring,Alerts and Notifications,Incident Logs etc. | 1 | High | 4 |

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 | 10 Oct 2023 | 16 Oct 2023 | 20 | 16 Oct 2023 |
| Sprint-2 | 20 | 6 Days | 17 Oct 2023 | 23 Oct 2023 | | |
| Sprint-3 | 20 | 6 Days | 24 Oct 2023 | 30 Nov 2023 | | |
| Sprint-4 | 20 | 6 Days | 30 Nov 2023 | 5 Nov 2023 | | |
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Velocity:

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

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)