

Project Planning Phase

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

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|---------------|--|
| Date | 15 TH November 2022 |
| Team ID | PNT2022TMID16025 |
| Project Name | Signs with smart connectivity for better road safety |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

| 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 | Javvadi Harish Mohana Swami Naidu |
| Sprint-1 | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Javvadi Harish Mohana Swami Naidu |
| Sprint-1 | | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | Javvadi Harish Mohana Swami Naidu |
| Sprint-1 | | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | M Jaivishwa |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | M Jaivishwa |
| Sprint-1 | Dashboard | USN-6 | As a user, I can log into the application by entering email & password and access all the resources and services available | 2 | High | S Harish |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|----------|-------------------------------|-------------------|--|--------------|----------|----------------------|
| Sprint-2 | Login | USN-7 | As a weather data controller, I log into my profile and start monitoring the weather updates | 3 | High | Guntur Harshavardhan |
| Sprint-2 | Dashboard | USN-8 | I receive all the information about weather from web from weather API. Whenever there is change in weather, corresponding updates are made on sign boards. | 2 | Medium | Guntur Harshavardhan |
| Sprint-3 | Login | USN-9 | As a image controller, I keep note of all the images received from various areas and detect traffic in that particular area. | 3 | High | Guntur Harshavardhan |
| Sprint-3 | Dashboard | USN-10 | With the traffic, updates I change the status of sign board as “take diversion”. | 2 | Medium | M Jaivishwa |
| Sprint-4 | Login | USN-11 | As a zonal officer, I ensure that boards near school display “slow down” and near hospitals display “no horn”. | 3 | High | S Harish |
| Sprint-4 | Login | USN-12 | As an administrator, I ensure that all departments work co-ordinated and ensure the accuracy and efficiency. | 2 | Medium | S Harish |

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 | 14 Nov 2022 | 16 Nov 2022 | 20 | 16 th november 2022 |
| Sprint-2 | 20 | 6 Days | 14 Nov 2022 | 16 Nov 2022 | | |
| Sprint-3 | 20 | 6 Days | 14 Nov 2022 | 16 Nov 2022 | | |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 16 Nov 2022 | | |