` Project Planning Phase

Project Planning (Product Backlog, Sprint Planning, Stories, Storypoints)

|  |  |
| --- | --- |
| Date | 11-11- 2022 |
| Team ID | PNT2022TMID13904 |
| Project Name | Containment Zone Alerting Application |
| 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 (web and android) | USN-1 | USER:  I can register for the application by entering my email and password | 3 | High | Dharshini.V  Dhivakaran.T  Dinesh.C  Dinesh.K |
|  |  | USN-2 | USER:  I will receive a confirmation email once I have registered for the application | 2 | High | Dharshini.V  Dhivakaran.T  Dinesh.C  Dinesh.K |
|  | Login  (web and android) | USN-3 | USER:  I can log into the application by entering my 4 | 3 | High | Dharshini.V  Dhivakaran.T  Dinesh.C  Dinesh.K |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint-2 | Dashboard | USN-4 | USER:  need to give permission to access my location | 5 | High | Dharshini.V  Dhivakaran.T  Dinesh.C  Dinesh.K |
|  |  | USN-5 | As a user, I can log into the application by entering  email & password | 5 | High | Dharshini.V  Dhivakaran.T  Dinesh.C  Dinesh.K |

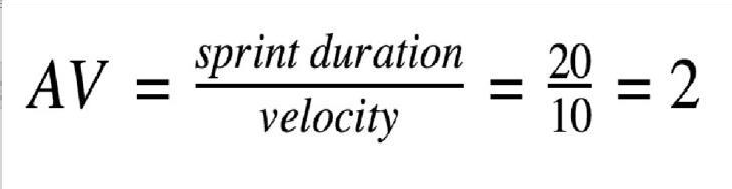
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
| Sprint 3 | Service | USN 6 | ADMIN:  I need to update the containment zones. | 5 | High | Dharshini.V  Dhivakaran.T  Dinesh.C  Dinesh.K |
|  |  | USN 7 | ADMIN:  I need to differentiate the containment zones based on the intensity of infection. | 3 | Medium | Dharshini.V  Dhivakaran.T  Dinesh.C  Dinesh.K |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint 4 | Service | USN 8 | ADMIN: | 5 | Medium | Dharshini.V |
|  |  |  |  |  |  | Dhivakaran.T |
|  |  |  | I need to alert the user when they enter the containment zone through the notification |  |  | Dinesh.C  Dinesh.K |
|  | Data collection | USN 9 | ADMIN:  I need to store user details on the cloud | 5 | Medium | Dharshini.V  Dhivakaran.T  Dinesh.C  Dinesh.K |
|  |  | USN 10 | ADMIN:  I need to collect details about covid -19 cases from verified sources | 5 | Medium | Dharshini.V  Dhivakaran.T  Dinesh.C  Dinesh.K |

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 | 7 Days | 25 Oct 2022 | 31 Oct 2022 | 20 | 31 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 01 Nov 2022 | 06 Nov 2022 | 20 | 06 Nov 2022 |
| Sprint-3 | 20 | 5 Days | 07 Nov 2022 | 11 Nov 2022 | 20 | 11 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 12 Nov 2022 | 17 Nov 2022 | 20 | 17 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)