**Project Planning Phase**

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

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| Date | 18 October 2022 |
| Team ID | PNT2022TMID22791 |
| Project Name | Containment Zone Alerting Application |
| Maximum marks | 8 marks |

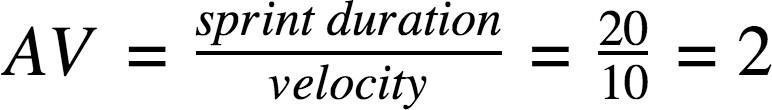
**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirement (Epic)** | **User**  **Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Registration | USN-1 | User: I can register for the application by entering my email, password and verifying password. | 3 | High | Gokulavarshini |
| USN-2 | User: I will receive a confirmation email once I have registered for the application. | 2 | High | Abinaya |
| USN-3 | User: I can register for the application through Gmail. | 5 | Medium | Aasika |
| USN-4 | Management: I need to register my hospitals on the site. | 2 | High | Jaghan |
| Login | USN-5 | User: I can log into the application by entering my email & password | 3 | High | Gokulavarshini |
| USN-6 | Management: I need to login into my dashboard with my given hospital id and password. | 5 | Medium | Abinaya |
|  | Dashboard | USN-7 | User: I need to give permission to access my Contacts, Location, and Storage | 5 | High | Aasika |

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| **Sprint** | **Functional**  **Requirement (Epic)** | **User**  **Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-2 |  | USN-8 | User: I get access to the dashboard  which shows a map with containment zones | 5 | High | Jaghan |
| USN-9 | Management: I need to enter the case information of the patient that visits our hospital. | 5 | High | Gokulavarshini |
| Services | USN-10 | Admin: I need to provide valid information about the pandemic out there. | 5 | High | Abinaya |
| Sprint-3 | Dashboard | USN-11 | Management: I need to store all the patient information on the cloud. | 5 | High | Aasika |
| Services | USN-12 | Admin: I need to provide medical advice through a chatbot. | 5 | Medium | Jaghan |
| USN-13 | Admin: I need to provide medical recommendations by collaborating with top hospitals. | 5 | Low | Gokulavarshini |
| USN-14 | Admin: I need to provide preventive measures when they travel through it. | 5 | High | Abinaya |
| Sprint-4 | Registration | USN-15 | User: I can register for the application through Facebook. | 2 | Low | Aasika |
| USN-16 | User: I can register for the application through Twitter. | 2 | Low | Jaghan |
| Services | USN-17 | Admin: I need to alert the user when they enter pandemic zones. | 3 | Medium | Gokulavarshini |
| USN-18 | Admin: I need to provide special services for premium users by giving services like monitoring health by their smart bands. | 3 | Low | Abinaya |
| Data Collection | USN-19 | Admin: I need to store all the user information on the cloud | 5 | Medium | Aasika |

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| **Sprint** | **Functional**  **Requirement (Epic)** | **User**  **Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
|  |  | USN-20 | Admin: I need to collect the recent list of diseases in the world. | 5 | Low | Jaghan |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**



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| --- | --- | --- | --- | --- | --- | --- |
| **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:**

It will be updated after the first week of work is completed.

**Burndown Chart:**

It will be updated after the first week of work is completed.