

Project Planning Phase

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

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|---------------|---------------------------------------|
| Date | 28 October 2022 |
| Team ID | PNT2022TMID37391 |
| Project Name | Containment Zone Alerting Application |
| 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 | User: I can register for the application by entering my email, password and verifying password. | 3 | High | Amjath |
| | | USN-2 | User: I will receive a confirmation email once I have registered for the application. | 2 | High | Fardeen Sha |
| | | USN-3 | User: I can register for the application through Gmail. | 5 | Medium | Syed Sulaiman Sait |
| | | USN-4 | Management: I need to register my hospitals on the site. | 2 | High | Ahamed Basha |
| | Login | USN-5 | User: I can log into the application by entering my email & password | 3 | High | Amjath |
| | | USN-6 | Management: I need to login into my dashboard with my given hospital id and password. | 5 | Medium | Fardeen Sha |
| | Dashboard | USN-7 | User: I need to give permission to access my Contacts, Location, and Storage | 5 | High | Syed Sulaiman Sait |

| 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 | Ahamed Basha |
| | | USN-9 | Management: I need to enter the case information of the patient that visits our hospital. | 5 | High | Amjath |
| | Services | USN-10 | Admin: I need to provide valid information about the pandemic out there. | 5 | High | Fardeen Sha |
| Sprint-3 | Dashboard | USN-11 | Management: I need to store all the patient information on the cloud. | 5 | High | Syed Sulaiman Sait |
| | Services | USN-12 | Admin: I need to provide medical advice through a chatbot. | 5 | Medium | Ahamed Basha |
| | | USN-13 | Admin: I need to provide medical recommendations by collaborating with top hospitals. | 5 | Low | Amjath |
| | | USN-14 | Admin: I need to provide preventive measures when they travel through it. | 5 | High | Fardeen Sha |
| Sprint-4 | Registration | USN-15 | User: I can register for the application through Facebook. | 2 | Low | Syed Sulaiman Sait |
| | | USN-16 | User: I can register for the application through Twitter. | 2 | Low | Ahamed Basha |
| | Services | USN-17 | Admin: I need to alert the user when they enter pandemic zones. | 3 | Medium | Amjath |
| | | USN-18 | Admin: I need to provide special services for premium users by giving services like monitoring health by their smart bands. | 3 | Low | Fardeen Sha |
| | Data Collection | USN-19 | Admin: I need to store all the user information on the cloud | 5 | Medium | Syed Sulaiman Sait |

| 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 | Ahamed Basha |

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 | 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.

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

Burndown Chart:

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