

**Project Planning Phase**  
**Team id: PNT2022TMID48287**

**Product Backlog, Sprint Schedule, and Estimation**

| 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     | Kodeeswari    |
|          |                               | USN-2             | User: I will receive a confirmation email once I have registered for the application.           | 2            | High     | Nagasowmiya   |
|          |                               | USN-3             | User: I can register for the application through Gmail.   | 5            | Medium   | Nagulan       |
|          |                               | USN-4             | Management: I need to register myhospitals on the site.   | 2            | High     | Saravanakumar |
|          | Login                         | USN-5             | User: I can log into the application by entering my email & password                            | 3            | High     | Kodeeswari    |
|          |                               | USN-6             | Management: I need to login into mydashboard with my given hospital id and password.            | 5            | Medium   | Nagasowmiya   |
|          | Dashboard                     | USN-7             | User: I need to give permission to accessmy Contacts, Location, and Storage                     | 5            | High     | Nagulan       |

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

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|--------|-------------------------------|-------------------|--|--------------|----------|---------------|
|        |                               | USN-20            | Admin: I need to collect the recent list of diseases in the world. | 5            | Low      | Saravanakumar |

### Project Tracker, Velocity & Burn down Chart

| 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.

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

## **Burn down Chart:**

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