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

Date	22nd October 2022
Team ID	PNT2022TMID04780
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	As a user, I can register for the application by entering my email, and password and confirming my password.	3	High	Harshini A Jaihari
Sprint-1		USN-2	As a user, I will receive a confirmation email once I have registered for the application.	2	High	Hema B
Sprint-4		USN-3	As a user, I can register for the application through Facebook.	2	Low	Jaihari
Sprint-1		USN-4	As a user, I can register for the application through Gmail.	5	Medium	Harshini A
Sprint 4		USN-5	As a user, I can register for the application through Twitter.	2	Low	Hariraj
Sprint-1	Login	USN-6	As a user, I can log into the application by entering my email & password	3	High	Hema B
Sprint-2	Dashboard	USN-7	As a user, I need to give permission to access My Contacts, Location, and Storage.	5	High	Jaihari

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2		USN-8	As a user, I get access to the dashboard which shows a map with marked zones	5	High	Hema B
Sprint-1	Registration	USN-9	As a management, I need to register my hospitals on the site.	2	high	Harshini A
Sprint-1	Login	USN-10	As a management, I need to login into my dashboard with my given hospital id and password.	5	medium	Hariraj
Sprint-2	Dashboard	USN-11	As a management, I need to enter the case information of the patient that visits our hospital.	5	high	Jaihari
Sprint-3		USN-12	As a management, I need to store all the patient information on the cloud	5	high	Harshini A
Sprint-2	Services	USN-13	As an admin, I need to provide valid information about the pandemic out there.	5	high	Jaihari
Sprint-3		USN-14	As an admin, I need to provide medical advice through a chatbot.	5	medium	Hema B
Sprint-3		USN-15	As an admin, I need to provide medical recommendations by collaborating with top hospitals.	5	low	Hariraj
Sprint-4		USN-16	As an admin, I need to alert the user whenthey enter pandemic zones.	3	Medium	Harshini A
Sprint-3		USN-17	As an admin, I need to provide preventive measures when they travel through it.	5	high	Hema B
Sprint 4		USN-18	As an admin, I need to provide special services for Daranyaium users by giving services like monitoring health by their smart bands.	3	low	Harshini A
Sprint-4	Data collections	USN-19	As an admin, I need to store all the user information on the cloud	5	Medium	Jaihari

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4		USN-20	As an admin, I need to collect the list of viruses & bacteria present in this world.	5	High	Harshini A

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) = 2

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

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-

software https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts