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

Date	28 October 2022
Team ID	PNT2022TMID11463
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	Balamanikandan
		USN-2	User: I will receive a confirmation email once I have registered for the application.	2	High	Jagathguru
		USN-3	User: I can register for the application through Gmail.	5	Medium	Aravinth
		USN-4	Management: I need to register my hospitals on the site.	2	High	Janarthanan
	Login	USN-5	User: I can log into the application by entering my email & password	3	High	Balamanikandan
		USN-6	Management: I need to login into my dashboard with my given hospital id and password.	5	Medium	Janarthanan
	Dashboard	USN-7	User: I need to give permission to access my Contacts, Location, and Storage	5	High	Aravinth

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

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	Janarthanan

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:

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

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.