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

Date	18 October 2022
Team ID	PNT2022TMID52614
Project Name	Project – Containment Alerting Zone Application
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

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, password, and confirming my password.	2	High	Abhishek Arul Dividharshana Deepika
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Abhishek Arul Dividharshana Deepika
Sprint-2		USN-3	As a user, I can register for the application through Facebook	3	Low	Abhishek Arul Dividharshana Deepika
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Abhishek Arul Dividharshana Deepika
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	3	High	Abhishek Arul Dividharshana Deepika

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	Dashboard	USN-6	As a User , Can I manually plot the alerted zone for my convenience only.	2	Low	Abhishek Arul Dividharshana Deepika
Sprint-2	Registration	USN-7	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	Abhishek Arul Dividharshana Deepika
			Confirmation code has been send through the registered mail id, phone number	3	Low	Abhishek Arul Dividharshana Deepika
Sprint 2	Location Access	USN-8	As a User , I can viewed into the page , if there is any condition to access the location.	5	High	Abhishek Arul Dividharshana Deepika
Sprint 3	Contaminated Zones	USN-9	Is it accurately show off the alerted zone If I Entered into the zone the messages are properly received through email.	5	High	Abhishek Arul Dividharshana Deepika
Sprint 4	Frequent Updates	USN-10	Admin are necessary to updates the recent containment through their portals and these seen through the app.	3	Medium	Abhishek Arul Dividharshana Deepika
Sprint 1	Registration	USN-11	As a management, I need to register my hospitals on the site.	5	High	Abhishek Arul Dividharshana Deepika
Sprint 1	Login	USN-12	As a management, I need to login into my dashboard with my given hospital id and password.	3	Medium	Abhishek Arul Dividharshana Deepika
Sprint 2	Dashboard	USN-13	As a management, I need to enter the case information of the patient that visits our hospital.	2	High	Abhishek Arul Dividharshana Deepika

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint 2		USN-14	As a management, I need to store all the patient information on the cloud.	2	High	Abhishek Arul Dividharshana Deepika
Sprint 2	Services	USN-15	As an admin, I need to provide valid information about the pandemic out there .	2	High	Abhishek Arul Dividharshana Deepika
Sprint 3		USN-16	As an admin, I need to provide medical advice through a chatbot.	5	Medium	Abhishek Arul Dividharshana Deepika
Sprint 3		USN-17	As an admin, I need to provide medical recommendations by collaborating with top hospitals.	5	Low	Abhishek Arul Dividharshana Deepika
Sprint 4		USN-18	As an admin, I need to alert the user when they enter pandemic zones.	7	Medium	Abhishek Arul Dividharshana Deepika
Sprint 3		USN-19	As an admin, I need to provide preventive measures when they travel through it.	5	High	Abhishek Arul Dividharshana Deepika
Sprint 4		USN-20	As an admin, I need to provide special services for premium users by giving services like monitoring health by their smart bands.	4	Low	Abhishek Arul Dividharshana Deepika
Sprint 4		USN-21	As an admin, I need to store all the user information on the cloud.	6	Medium	Abhishek Arul Dividharshana Deepika

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:
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)

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

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