

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID37165
Project Name	Containment Zone Alerting 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	Sasirajan.M
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Sasirajan.M
Sprint-1	Registration	USN-3	As a user, I can register for the application through Mobile number	2	Medium	Sasirajan.M
Sprint-1	Login	USN-4	As a user, I can log into the application by entering my email & password	5	High	Yuvaraj.N

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Dashboard	USN-5	As a user, I need to give permission to access My Contacts, Location.	5	High	Vinoth Kumar.S
Sprint-2	Dashboard	USN-6	As a user, I get access to the dashboard which shows a map with marked zones	5	High	Vinoth Kumar.S
Sprint-3	Services	USN-7	As an admin, I need to provide medical advice through a chatbot.	5	Medium	Sutharshan.V
Sprint-3	Services	USN-8	As an admin, I need to provide preventive measures when they travel through it.	5	High	Sutharshan.V
Sprint-4	Services	USN-9	As an admin, I need to provide premium services for users like monitoring health by their smart bands	5	Low	Yuvaraj.N
Sprint-4	Data collection	USN-10	As an admin, I need to store all the user information on the cloud	2	Medium	Vinoth Kumar.S
Sprint-4	Data collection	USN-11	As an admin, I need to collect the list of viruses & bacteria present in this world.	2	Low	Vinoth Kumar.S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Registration	USN-12	As a user, I can register for the application through Facebook	2	Low	Sutharshan.V
Sprint-4	Registration	USN-13	As a user, I can register for the application through Twitter.	1	Low	Yuvaraj.N
Sprint-4	Service	USN-14	As an admin, I need to alert the user when they enter pandemic zones	5	High	Sutharshan.V

Project Tracker, Velocity & Burndown 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	9	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	11	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	13	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	14 Nov 2022	8	19 Nov 2022

Velocity:

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

$$AV = \frac{\text{Sprint Duration}}{\text{Velocity}}$$

Velocity

$$= \frac{(9+11+13+8)}{10}$$

10

$$= \frac{41}{10}$$

$$= 4.1$$

Burndown Chart:

It will be updated after the completion of first week work

