

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

Date	22 October 2022
Team ID	PNT2022TMID30264
Project Name	Natural disaster intensity and effect analysis
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, password, and confirming my password.	2	High	A.Indhumathi
Sprint-1	Login	USN-2	As a user, I can log into the application by entering email & password	1	High	A.Indhumathi
Sprint-1	Data Gathering	USN-3	The beacons obtain the temperature of their respective area using sensors	2	Low	A.Soniya
Sprint-3	SMS notification	USN-4	The user is sent a notification to their phone from the application when the area they are in reaches dangerous temperatures.	2	Medium	H.Sathish
Sprint-1	Dashboard	USN-5	The beacons send the data through the cloud to a dashboard which is run by the administrator.	1	High	V.Kavya
Sprint-2	Data Sync	USN-6	The beacons send their data to the cloud in the real time which is in turn sent to nearby wearable devices and the administrators dashboard	3	Medium	V.Harini
Sprint-2	Wearable device display	USN-7	The wearable devices should display the data sent by beacons within the area.	1	low	A.Soniya

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Enhancement Phase	USN-18	Creating a Main web page	4	High	Mohan R
Sprint-4		USN-19	Connecting the frontend and backend using API	5	High	Pavithra P
Sprint-4		USN-20	Run the Application	5	High	Subraja M

**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	15	3 Days	24 Oct 2022	26 Oct 2022		
Sprint-2	42	10 Days	27 Oct 2022	10 Nov 2022		
Sprint-3	10	2 Days	11 Nov 2022	09 Nov 2022		
Sprint-4	14	3 Days	10 Nov 2022	12 Nov 2022		

**Velocity:**

$$AV = 18.86/4 = 4.71$$

Burndown Chart:

