Project Planning Phase

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

Team ID	PNT2022TMID11704
Project Name	Emerging Methods for Early Detection of Forest Fire

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

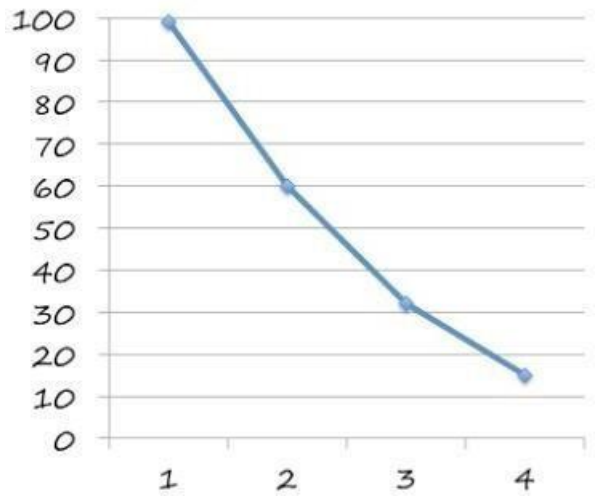
User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Environmentalist	Collect the data	USN-1	As an Environmentalist,it is necessary to collect the data of the forest which includes temperature,humidity,wind and rain of the forest	It is necessary to collect the right data else the prediction may become wrong	High	Sprint-1
		USN-2	Evaluate Data set	Data is evaluated before processing	Medium	Sprint-1
		USN-3	Identify algorithms that can be used for prediction	To collect the algorithm to identify the accuracy levelof each algorithms	Medium	Sprint-2
		USN-4	Identify the accuracy of each algorithms	Accuracy of each algorithm-calculated so that it is easy to obtain the most accurate output	High	Sprint-2
		USN-5	Identify accuracy,precision,recall of each algorithms	These values are important for obtaining the right output	High	Sprint-3
		USN-6	Outputs from each algorithm are obtained	It is highly used to predict the effect and to take precautionary measures.	High	Sprint-4

Project Tracker, 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	4 Days	31 Oct 2022	03 Nov 2022		8 Nov 2022
Sprint-2	20	4 Days	05 Nov 2022	08 Nov 2022		8 Nov 2022
Sprint-3	20	4 Days	10 Nov 2022	13 Nov 2022		
Sprint-4	20	4 Days	15 Nov 2022	18 Nov 2022		

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.



In our project, there are 4 sprint activities.

This chart is drawn by taking

x->sprint and

y->pending hours.