Project Planning Phase

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

Date	04-11-2022
Team ID	PNT2022TMID13704
Project Name	Detecting Parkinson’s disease using Machine Learning

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	Home Page	USN-1	As a user, I can view the home page of the web application.	15	Low	Praveen S
Sprint-2	Data Entry	USN-2	As a user, I can enter details like images of spiral scribbling or wave scribbling.	15	Medium	Pavithran N
Sprint-3	Parkinson's disease result display	USN-3	As a user, I can view final result wether I have Parkinson or not.	15	Medium	Koventhan P
Sprint-4	Parkinson disease value Prediction	USN-4	As a user, I expect the application to predict wether i have Parkinson or not accurately .	15	Medium	Sathish S

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as	Sprint Release Date (Actual)

					on Planned End Date)	
Sprint-1	15	6 Days	01-11-2022	06-11-2022	15	06-11-2022
Sprint-2	15	6 Days	02-11-2022	07-11-2022	15	07-11-2022
Sprint-3	15	6 Days	03-11-2022	08-11-2022	15	08-11-2022
Sprint-4	15	6 Days	04-11-2022	09-11-2022	15	09-11-2022

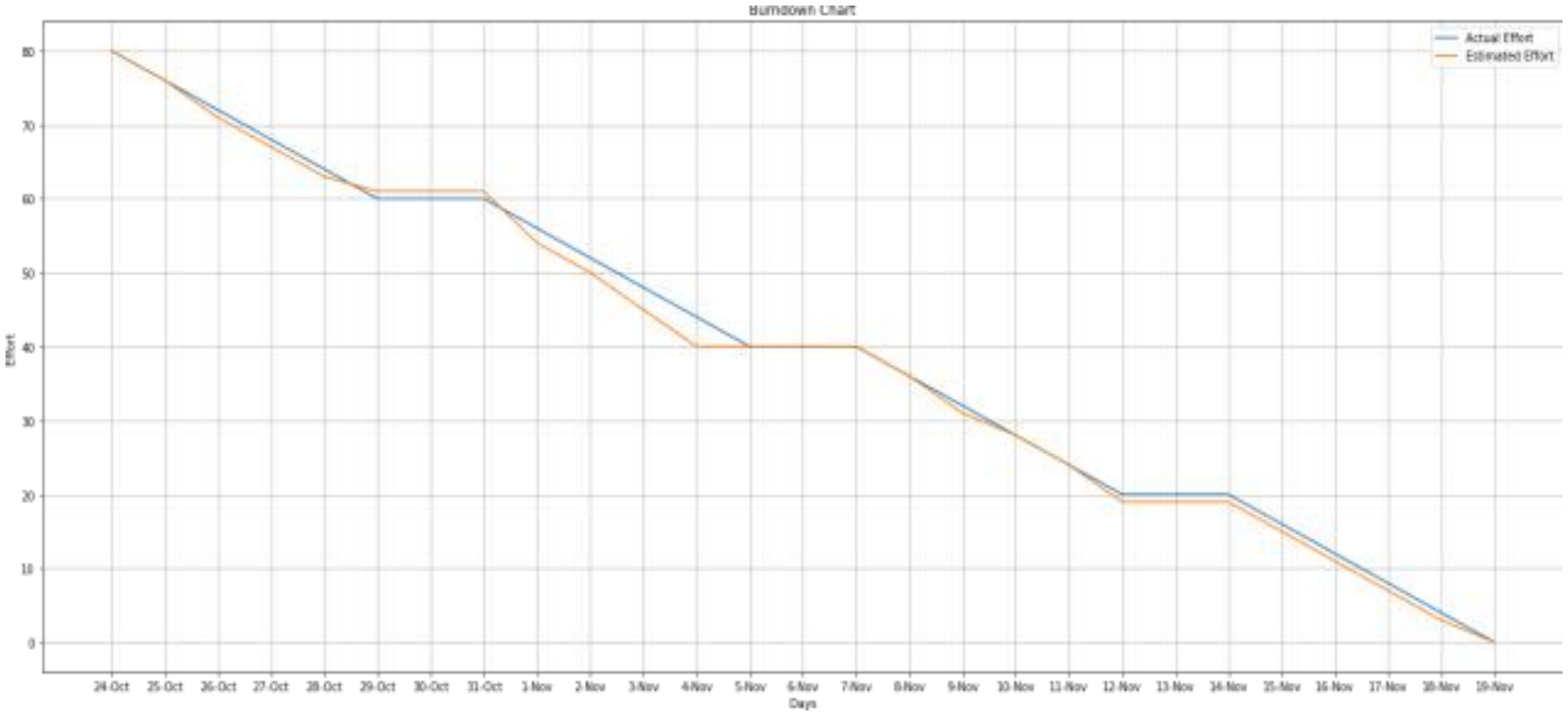
Velocity:

Imagine we have a 6-day sprint duration, and the velocity of the team is 15 (points per sprint). Let's calculate the team's average velocity(AV) per iteration unit (story points per day)

$$\text{Average Velocity} = \frac{15}{88} = 2.5$$

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.


Burndown Chart
Actual Effort
Estimated Effort
Effort
80
70
60
50
40
30
20
10
0
24-Oct
25-Oct
26-Oct
27-Oct
28-Oct
29-Oct
30-Oct
31-Oct
1-Nov
2-Nov
3-Nov
4-Nov
5-Nov
6-Nov
7-Nov
8-Nov
9-Nov
10-Nov
11-Nov
12-Nov
13-Nov
14-Nov
15-Nov
16-Nov
17-Nov
18-Nov
19-Nov
Days