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

Date	23 October 2022
Team ID	PNT2022TMID43816
Project Name	Project – WEB PHISHING DETECTION
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	Ashiq Mohammed M, Jeevanantham M
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Ashiq Mohammed M
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	Pradeesh E, Anandhu B S
Sprint-2	Registration	USN-4	As a user, I can register for the application through Gmail	2	Medium	Ashiq Mohammed M
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Jeevanantham M, Anandhu B S
Sprint-2	Dashboard	USN-6	Once the user is registered and have logged in, he will be able to access the dashboard over the browser.	1	Medium	Pradeesh E
Sprint-3	Model Building	USN-7	Using various machine learning techniques, a model has to be built.	2	High	Ashiq Mohammed M, Anandhu B S
Sprint-3	Model Building	USN-8	Built model have to be checked for accuracy and other performance metrics to correctly classify.	2	High	Jeevanantham M, Pradeesh E

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Integration	USN-9	Integrate the frontend and the developed ML model using flask and deploy in the cloud.	2	High	Jeevanantham 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	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)
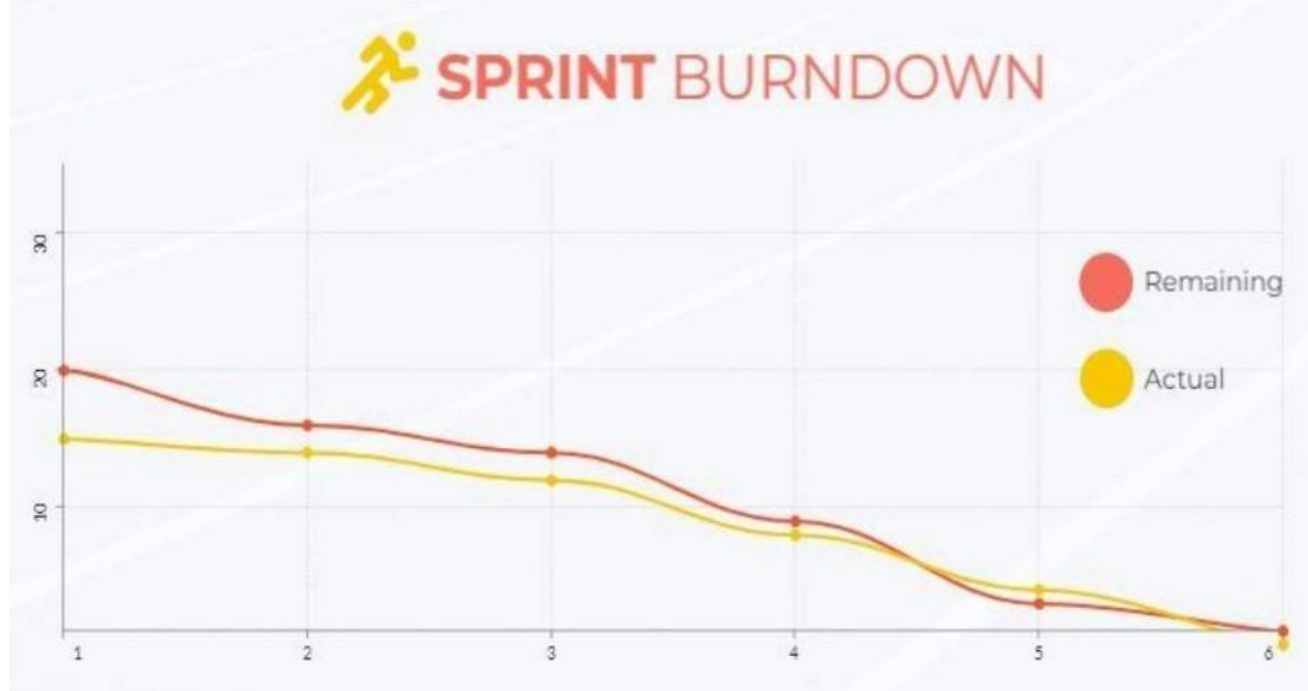
$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

We have a 6-day sprint duration, and the velocity of the team is 20 (points per sprint). So, our team's average velocity (AV) per iteration unit

(story points per day) **AV = (Sprint Duration / Velocity) = 20 / 6 = 3.33**

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