Project Planning Phase

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

Date	18 October 2023
Team ID	Team-592004
Project Name	Project – Alzheimer Disease Prediction
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	Shuja
Sprint-1	Login	USN-2	As a user, I can log into the application by entering email & password	1	High	Devansh
Sprint-2	Dashboard	USN-3	As a user, I can have access to various features of the website	1	Medium	Shuja

Sprint-3	Alzheimer's Identification	USN-4	As a user, Upload an image or video of a Alzheimer's scene or incident	2	HIgh	Shuja
Sprint-4	Alzheimer's Classification	USN-5	Receive automated Alzheimer's classificationbased on the uploaded media	2	High	Devansh
Sprint-5	Training and testing classification	USN-6	Analyze historical Alzheimer's data and trends.	1	High	Devansh and Shuja
Sprint -6	User Management	USN-7	Manage user accounts and permissions	2	Medium	Shuja

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

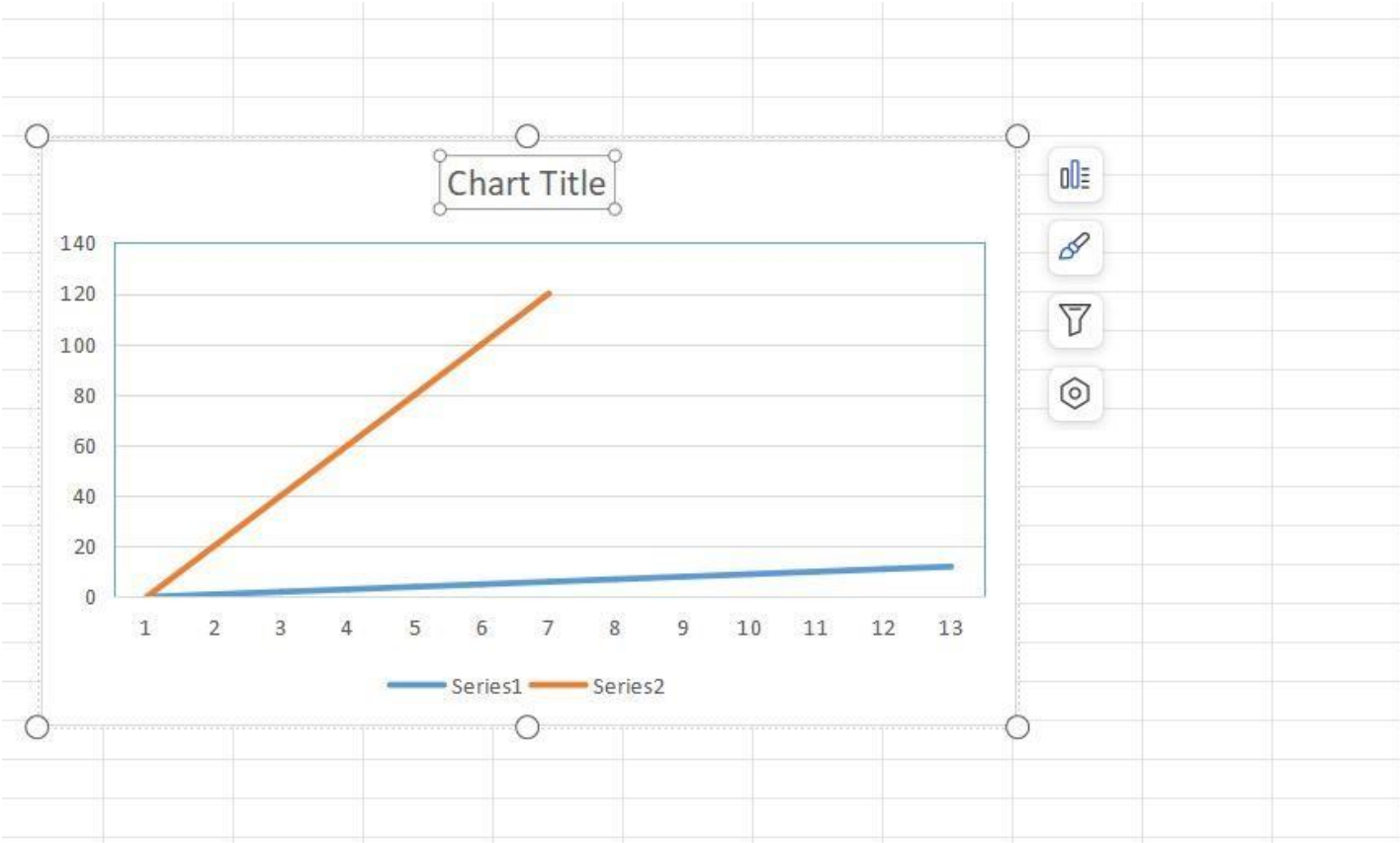
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	4 Days	16 Oct 2023	20 Oct 2023	20	20 Oct 2023
Sprint-2	20	2 Days	22 Oct 2023	24Oct 2023	20	24Oct 2023
Sprint-3	20	4 Days	23 Oct 2023	27 Oct 2023	20	28 Oct 2023
Sprint-4	20	6 Days	28 Oct 2023	2 Nov 2023	20	4 Nov 2023

Sprint-5	20	3 Days	3 Nov 2023	6 Nov 2023	20	6 Nov 2023
Sprint-6	20	1 Day	7 Nov 2023	8 Nov 2023	20	8 Nov 2023

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)

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



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.