

Project Planning Phase

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

Date	30 October 2023
Team ID	9.3
Project Name	Network Anomaly Detection
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.	I can access my account / dashboard	Medium	Aviral
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	Medium	Aviral
Sprint-1		USN-3	As a user, I can register for the application through Gmail	I can register & access the dashboard with my Gmail account	Medium	Aviral
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password		High	
Sprint-1	Dashboard	USN-5	As a user, I cannot see the results from GPT-4 for security to ensure NO JAILBREAKS.	If non-malicious, HTTP 200 response. If malicious, HTTP 403 response.	Very High	Raghu
	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	Medium	Raghu

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	10 Days	1 Nov 2023	10 Nov 2023	20	29 Oct 2022

Velocity:

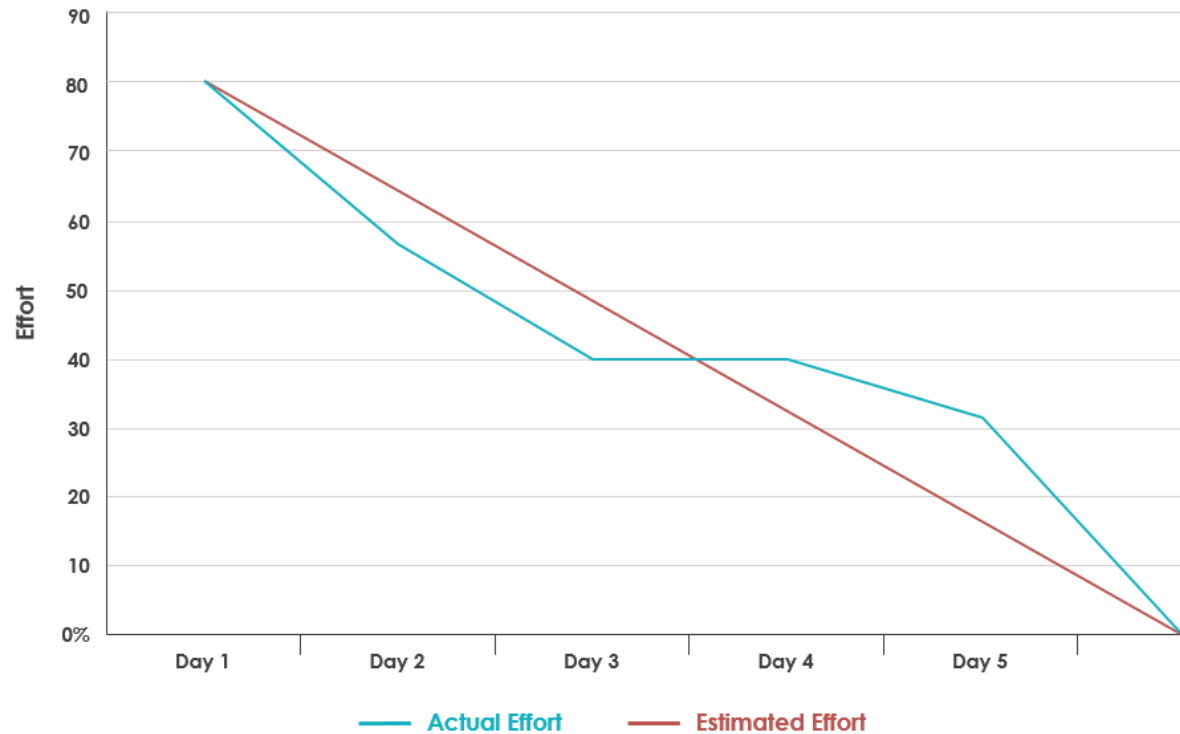
We have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint).

If we calculate the team's average velocity (AV) per iteration unit (story points per day):

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

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.



Based on development during Sprint 0.

Tasks tackled in sprint Zero:

- Main Flask Server Deployment
- Frontend Example for Dashboard
- OpenAI API calling
- HTTP Requests and Responses