

## Project Planning Phase

### Product Backlog, Sprint Schedule, and Estimation

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.	3	High	4
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	Medium	4
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	3	High	4
Sprint-1	Dashboard	USN-4	As a user, I can get donor as registered in application is displayed in dashboard	3	High	4
Sprint-1		USN-5	As a user, I can search for donor	3	High	4
Sprint-1		USN-6	As a user, I can chat with the bot so that my questions are clarified	3	High	4
Sprint-1		USN-7	As a user, I will receive notification to my email so that I'll be updated on finding donor	3	High	4
Sprint-1		USN-8	As a user, I can edit my blood group so that can I will find my donor accordingly	3	High	4

### Project Tracker, Velocity & Burn Down Chart

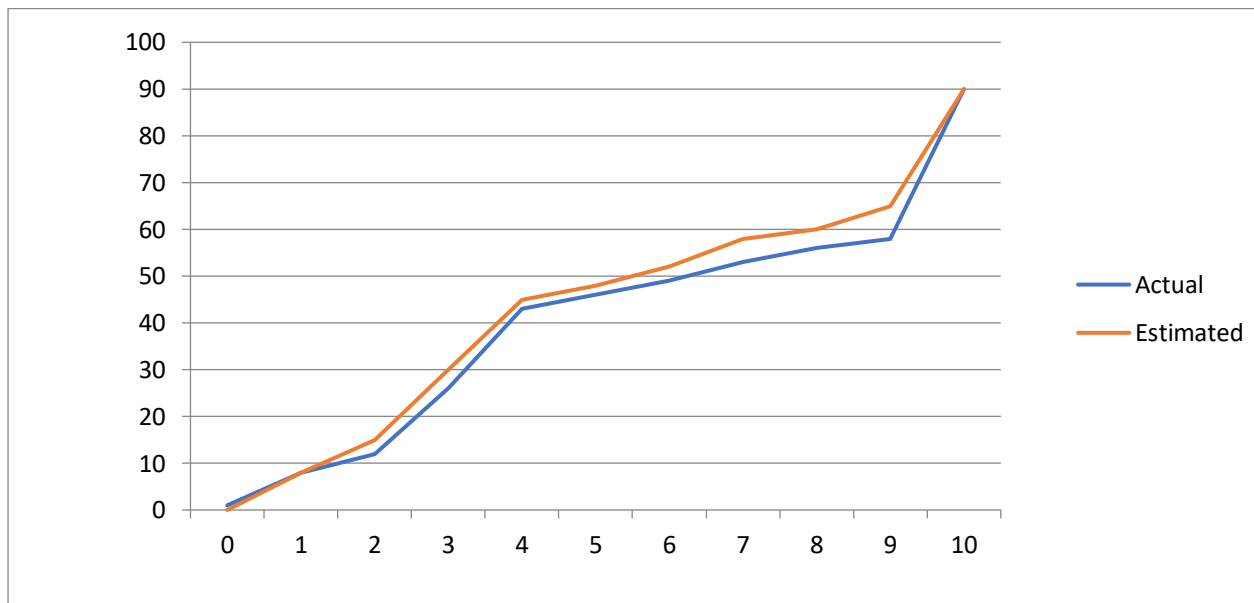
Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
20	5 Days	05 Nov 2022	09 Nov 2022	20	09 Nov 2022
20	4 Days	10 Nov 2022	13 Nov 2022	20	13 Nov 2022
20	3 Days	14 Nov 2022	16 Nov 2022	20	16 Nov 2022
20	4 Days	16 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)

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

### Burndown Chart:



X-axis=Task

Y-axis=No of Day's