Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID47077
Project Name	Project – Plasma Donor Application
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	4
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	4
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	4
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	4
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	4
Sprint-3	Dashboard	USN-6	As a user, I can find the compatible donor by registering.	3	High	4
Sprint-3		USN-7	As a user, I can find the donor availability by logging in.	3	High	4
Sprint-2		USN-8	As a user, I can create a profile by registering.	2	Medium	4
Sprint-3		USN-9	As a user, I can see the demand of plasma.	3	Medium	4

Sprint-4	Database	USN-10	As a user, I can store the availability and need of plasma information value.	4	High	4

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	6	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	4	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	9	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	4	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

1) $AV = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{6}{6} = 1$

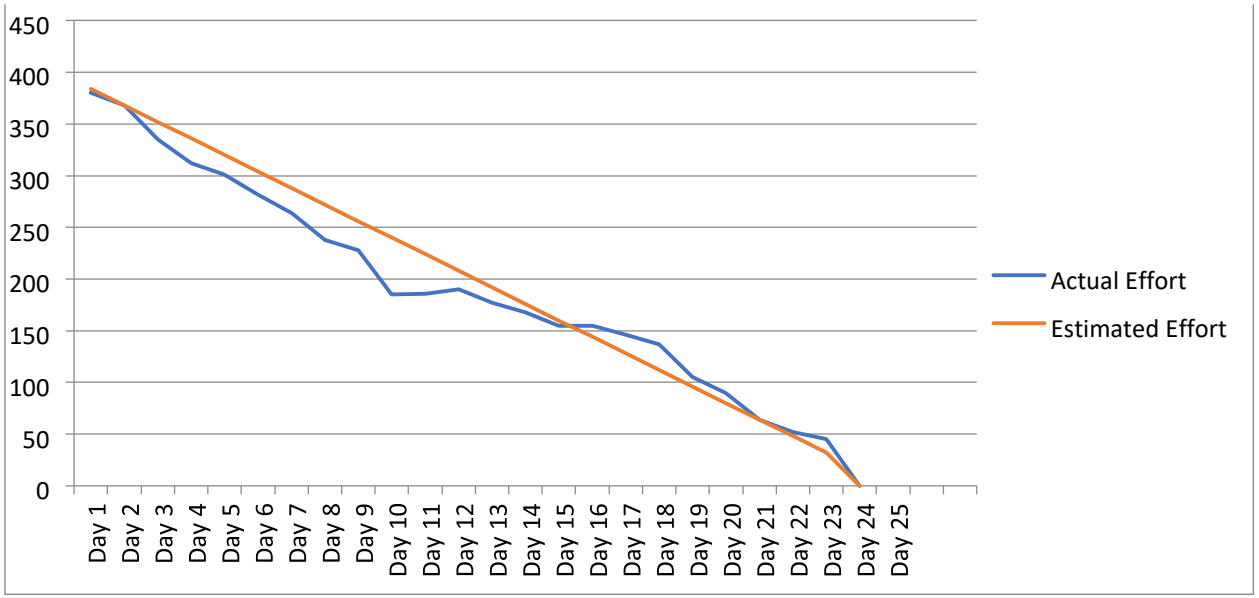
2) $AV = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{4}{6} = 0.67$

3) $AV = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{9}{} = 1.5$

$$4)\ AV = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{4}{6} = 0.67$$

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.


450
400
350
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Day 1
Day 2
Day 3
Day 4
Day 5
Day 6
Day 7
Day 8
Day 9
Day 10
Day 11
Day 12
Day 13
Day 14
Day 15
Day 16
Day 17
Day 18
Day 19
Day 20
Day 21
Day 22
Day 23
Day 24
Day 25
Actual Effort
Estimated Effort