Project Planning Phase

Date	18 October 2022
Team ID	PNT2022TMID19795
Project Name	Project - Plasma Donor Application
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1.1	User Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Bharanidharan R Bathri Narayan R
Sprint-1.2	Email and Phone number Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Dinesh R Balaji R
Sprint-2.1	Donor login	USN-3	As a user, I can register for the application through email id	2	High	Bharanidharan R Bathri Narayan R
Sprint-2.2	Donor details	USN-4	As a user, I can register for the application through Gmail	2	High	Dinesh R Balaji R
Sprint-3.1	Administrator login	USN-5	As a user, I can log into the application by entering email & password	2	High	Bharanidharan R Bathri Narayan R
Sprint-3.2	IBM Cloud database	USN-6	As a administrator, I can access donor information	2	High	Bharanidharan R Bathri Narayan R Dinesh R Balaji R
Sprint-3.3	Administrator details	USN-7	As a administrator, I can request for the particular donor	2	High	Bharanidharan R Bathri Narayan R
Sprint-4.1	Donor details	USN-8	As a user, I can see the request from the administrator	2	High	Dinesh R Balaji R
Sprint-4.2	Phone number	USN-9	As a donor I can send acknowledgement to the admin	2	High	Bharanidharan R Bathri Narayan R

Project Tracker, Velocity & Burndown Chart

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-1.1	20	3 Days	24 Oct 2022	26 Oct 2022	10	26 Oct 2022
Sprint-1.2	20	3 Days	27 Oct 2022	29 Oct 2022	10	29 Oct 2022
Sprint-2.1	20	3 Days	30 Oct 2022	1 Nov 2022	10	1 Nov 2022
Sprint-2.2	20	3 Days	2 Nov 2022	4 Nov 2022	10	4 Nov 2022
Sprint-3.1	20	3 Days	5 Nov 2022	7 Nov 2022	10	7 Nov 2022
Sprint-3.2	20	3 Days	8 Nov 2022	10 Nov 2022	10	10 Nov 2022
Sprint-3.3	20	3 Days	11 Nov 2022	13 Nov 2022	10	13 Nov 2022
Sprint-4.1	20	3 Days	14 Nov 2022	16 Nov 2022	10	16 Nov 2022
Sprint-4.2	20	3 Days	17 Nov 2022	19 Nov 2022	10	19 Nov 2022

Velocity:

Imagine we have a 3-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)

$$AV = \frac{\text{Sprint duration}}{\text{Velocity}} = \frac{20}{3} = 6.67$$