

PROJECT PLANNING PHASE

PROJECT PLANNING TEMPLATE (PRODUCT BACKLOG, SPRINT PLANNING, STORIES, STORY POINTS)

DATE	18 October 2022
TEAM ID	PNT2022TMID15493
PROJECT NAME	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	prerequisites for model building	USN-0	As a developer I must collect the different type of data possible and other data supporting the model	2	High	Arul Jeshin A ,Gopinath s
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	Keerthivasan A,Arul Jeshin A
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Arul Jeshin A ,Gopinath s
Sprint-1	Gmail Registration	USN-3	As a user, I can register for the application through Gmail	2	Low	Gopinath s,Krishnaraj s
Sprint-2	Login	USN-4	As a user, I can log into the application by entering email & password	1	High	Keerthivasan A,Krishnaraj S

Sprint-2	Suggestion	USN-5	As a user now I can make recommendations such as donating bloods..	1	Low	Krishnaraj S,Gopinath S
Sprint-2	Model building	USN-6	Development of the model with the Prepared data	2	High	
Sprint-2	Main interface	USN-7	As a user i can view my donation status	2	High	Keerthivasan A,Krishnaraj S

Sprint-3	User image analysis	USN-11	As a user, I can enter the blood group for donating the blood	2	High	Gopinath s,Krishnaraj s
Sprint-3	Improve the efficiency of AI model	USN-12	As a developer, I can find the blood groups of the donor by testing their blood sample using the AI.	2	Medium	Keerthivasan A,Arul Jeshin A
Sprint-3	User analysis record	USN-13	As a user ,I can get the group of the blood.	1	Medium	Arul Jeshin A,Krishnaraj S
Sprint-4	Blood Donating Awareness	USN-14	As a user I can help others by recommending this web-application.	1	Medium	Arul Jeshin A ,Gopinath s

Sprint-4	Dashboard	UNS-16	The details will provided via reports .	2	High	Arul Jeshin A ,Gopinath s
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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	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	4 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	11 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	18 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).

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

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.