Project Planning Phase
Milestone and activity list

Date	18 October 2022
Team ID	PNT2022TMID02810
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	Registration	USN-1	A user can register and create the user account	6	High	Shyam N Subhiksha R
Sprint-1	Login	USN-2	A user can sign-in to the application by entering the registered email id and password	6	High	Sobbana k Shametha K G
Sprint-1	Admin Register	USN-3	An admin can register through the admin registry.	4	Low	Shyam N Shametha KG
Sprint-1	Register admin via script	USN-4	Creating an admin account using a python script. As for security reason we should implement a separate python script.	4	Medium	Sobbana K Subhiksha R
Sprint-2	Implementing authentication system	USN-5	Creating an authentication system for both admin and user using flask application	6	High	Shyam N Sobbana K
Sprint-2	Creating tables	USN-6	Creating Db2 account and creating the tables in DB2 in IBM cloud db2	4	Medium	Shametha KG Subhiksha R
Sprint-2	Creating SSL certificate and integrating python code	USN-7	Creating the SSL certificate to connect db2 via python code	6	High	Shametha K G Shyam N

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Creating dashboard	USN-8	Admin and donor can interact with our application.	4	Medium	Sobbana K Subhiksha R
Sprint 3	Plasma request and donor acknowledge feature	USN -9	Admin can create plasma request which will be shown in the user portal	6	High	Shyam N Sobbana K
Sprint 3	Creating dashboard for admin	USN-10	Admin dashboard, admin can view the total request has been request has been requested for plasm by the recipient/user.	6	High	Subhiksha R Shametha K G
Sprint 3	Integrating the Watson chat bot	USN-11	Users can use the chatbot for basic clarification Using the chatbot	4	Medium	Subhikshaa R Sobbana K
Sprint 3	Integrating with send grid.	USN-12	The source/verification mail for user(donor and recipient).	4	Medium	Sobbana K Shametha KG
Sprint 4	Docker installation	USN-13	Installing docker CLI	4	Low	Shyam N Shametha KG
Sprint 4	Creating docker image	USN-14	Setting up the docker environment and creating the docker image file	6	High	Shyam N Sobbana K
Sprint 4	Kubernetes	USN-15	Creating pods in Kubernetes and uploading it in IBM cloud	6	Medium	Shyam N Subhiksha R
Sprint 4	End-to-End testing	USN-16	Implementing end to end testing	6	High	Shyam N

Plasma Donar Applicatin
Software project

PLANNING

- Roadmap
- Backlog
- Board

DEVELOPMENT

- </> Code

- Project pages
- Add shortcut
- Project settings

Projects / Plasma Donar Applicatin
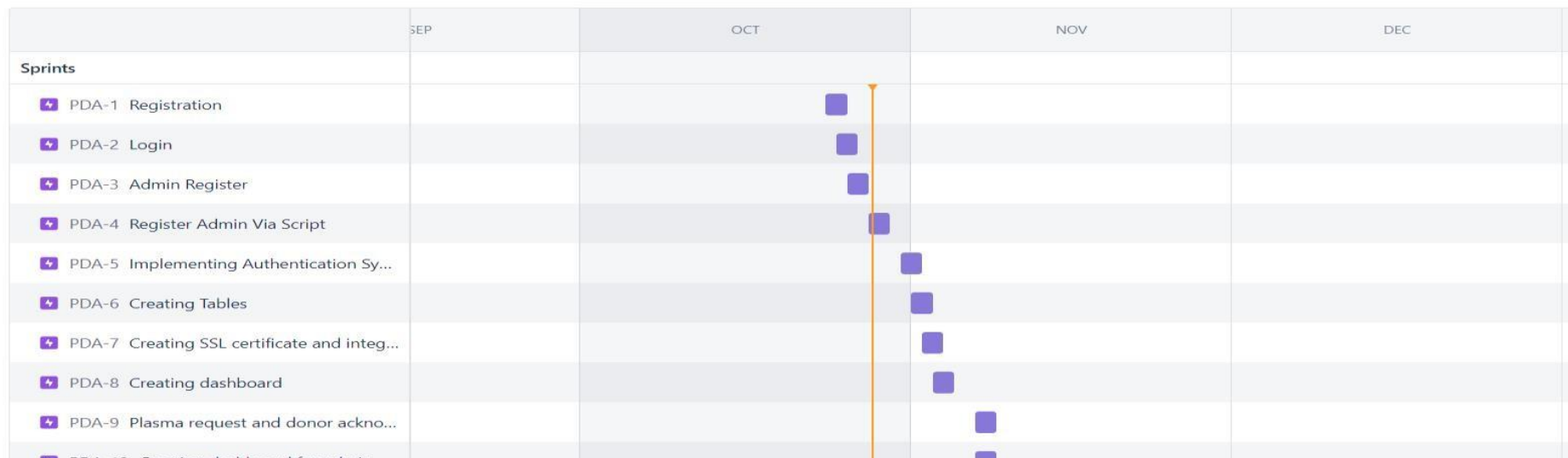
Roadmap

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	SEP	OCT	NOV	DEC
Sprints				
⚡ PDA-1 Registration		■		
⚡ PDA-2 Login		■		
⚡ PDA-3 Admin Register		■		
⚡ PDA-4 Register Admin Via Script		■		
⚡ PDA-5 Implementing Authentication Sy…		■		
⚡ PDA-6 Creating Tables		■		
⚡ PDA-7 Creating SSL certificate and integ…		■		
⚡ PDA-8 Creating dashboard		■		
⚡ PDA-9 Plasma request and donor ackno…		■		
⚡ PDA-10 Creating dashboard for admin			■	

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Initial creation process	USN-1	Create template, Static and python flask app.	20	High	Shyam N Subhiksha R
Sprint-2	Cloud and database	USN-2	Connecting the python flask app with database, object storage created in Cloud and implementation of chatbot	20	High	Shameth K G Shyam N Sobbana K
Sprint-3	Deployment in DevOps, Mailing	USN-3	Develop the project, create it as image with docker, containerize in container registry and deploy in Kubernetes, Add the mailing service	20	High	Subhiksha R Sobbana K Shyam N
Sprint-4	Testing, deployment and User experience.	USN-4	To do all the testing and to make sure the use of the software handy to user.	20	High	Shyam N Sobbana K