

Project Planning Phase

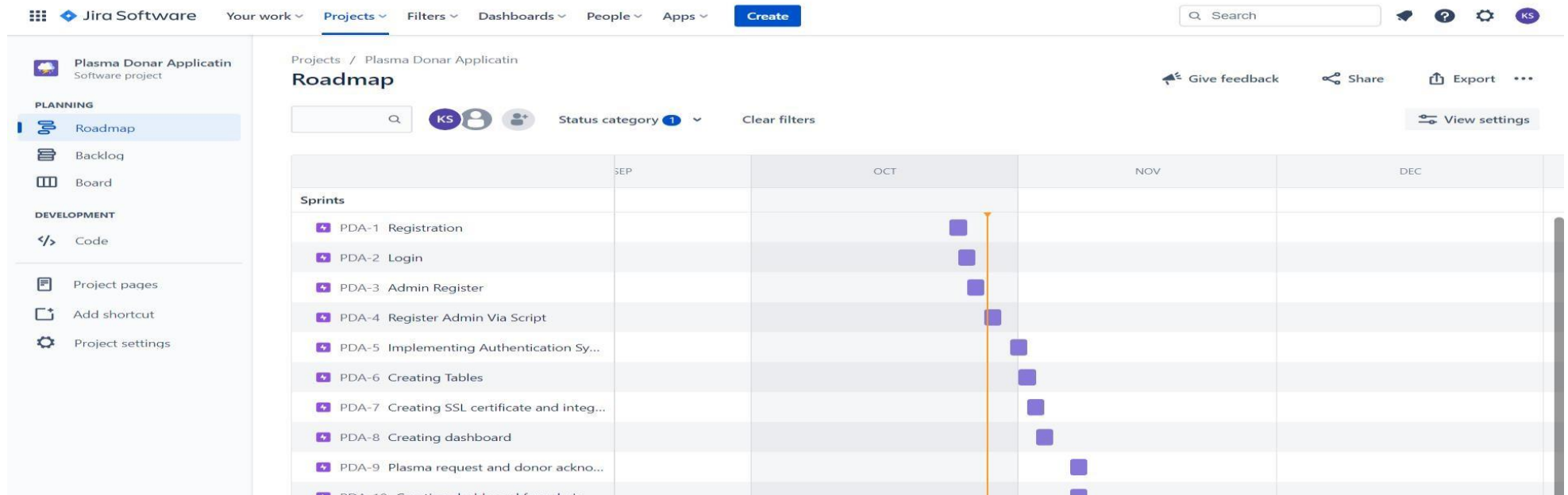
Milestone and Activity list

Date	22 October 2022
Team ID	PNT2022TMID08777
Project Name	Plasma Donor Application
Maximum Marks	8 Marks

Milestone and activity list:

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, and password, and confirming my password.	6	High	Kannan R Thanusha N R
Sprint-1	Login	USN-2	As a user, I can log into the application by entering my email & password.	6	High	Kannan R Kanimozhi V
Sprint-1	Admin Register	USN-3	An admin can register through the admin registry.	4	Medium	Thanusha N R Mohammed Almas.S
Sprint-1	Admin Register via Script	USN-4	Creating an Admin Account using a python script. For security reasons we should implement a separate python script.	4	High	Kannan R Thanusha N R
Sprint-2	Implementing Authentication System	USN-5	Creating an authentication and secured system for both admin and users using flask application	6	High	Kannan R Mohammed Almas.S
Sprint-2	Creating tables	USN-6	Creating Db2 account and creating tables in Db2 in IBM cloud db2	4	Medium	Thanusha N R Kanimozhi V
Sprint-2	Creating SSL certificate and integrating with html code	USN-7	Creating the SSL certificate to connect db2 via html code.	6	High	Kannan R Mohammed Almas.S
Sprint-2	Creating dashboard	USN-8	Admin and Donor can interact using this application.	4	Medium	Thanusha N R Kanimozhi V
Sprint-3	Plasma request and donor acknowledge feature	USN-9	Admin can request for plasma which will be shown in the user portal.	6	High	Kannan R Kanimozhi V
Sprint-3	Creating dashboard for admin	USN-10	In Admin dashboard, admin can view all the plasma request that has been requested by the recipient/user.	6	High	Kannan R Mohammed Almas.S

Sprint	Functional Requirement (Epic)	User Story Number	User StoryNumber	Story Points	Priority	Team Members
Sprint-3	Integrating the Watson chat bot	USN-11	Users can use the chatbot for basic clarification.	4	Medium	Kanimozhi V Mohammed Almas.S
Sprint-3	Integration with SendGrid .	USN-12	The source/verification mail for both user(donar and recipient).	4	Medium	Thanusha N R Kanimozhi V
Sprint-4	Docker installation	USN-13	Installing Docker CLI.	4	Low	Thanusha N R Kanimozhi V
Sprint-4	Creating docker image	USN-14	Setting up the docker environment and creating the docker image file.	6	High	Kannan R Mohammed Almas.S
Sprint-4	Kubernetes	USN-15	creating pods in Kubernetes and upload it in IBM cloud.	6	Medium	Thanusha N R Kanimozhi V
Sprint-4	End-to-End Testing	USN-16	Implementing End-to-End testing.	6	High	Kannan R Mohammed Almas.S



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	Kannan R Thanusha N R Kanimozhi V Mohammed Almas.S
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	Kannan R Thanusha N R Kanimozhi V Mohammed Almas.S
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	Kannan R Thanusha N R Kanimozhi V Mohammed Almas.S
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	Kannan R Thanusha N R Kanimozhi V Mohammed Almas.S