Project Planning Phase

Milestone and Activity list

Date	20 October 2022
Team ID	PNT2022TMID04604
Project Name	Plasma Donor Application
Marks	4 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	A User can register and create the user account.	6	High	Lavanya T
Sprint-1	Login	USN-2	A User can sign-in to the application by entering the registered email id and password.	6	High	Karthikeyan D
Sprint-1	Admin Register	USN-3	An admin can register through the admin registry.	4	Medium	Jeevan S
Sprint-1	Register Admin Via Script	USN-4	Creating an Admin Account using a python script. As for security reasons we should implement a separate python script.	4	High	Krishnapriya J
Sprint-2	Implementing Authentication System	USN-5	creating an authentication system for both admin and users using flask application	6	High	Lavanya T
Sprint-2	Creating Tables	USN-6	Creating Db2 account and creating the tables in DB2 in IBM cloud db2	4	Medium	Jeevan S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Creating SSL certificate and integrating with python code	USN-7	Creating the SSL certificate to connect db2 via python code.	6	High	Karthikeyan D
Sprint-2	Creating dashboard	USN-8	Admin and Donor can interact with our application.	4	Medium	Krishnapriya J
Sprint-3	Plasma request and donor acknowledge feature	USN-9	Admin can create plasma requests which will be shown in the user portal.	6	High	Lavanya T
Sprint-3	Creating dashboard for admin	USN-10	Admin dashboard, admin can view the total request has been requested for plasma by the recipient/user.	6	High	Lavanya T
Sprint-3	Integrating the Watson chat bot	USN-11	Users can use the chatbot for basic clarification using the chatbot.	4	Medium	Jeevan S
Sprint-3	Integration with SendGrid.	USN-12	The source/verification mail for both user(donar and recipient) .	4	Medium	Lavanya T
Sprint-4	Docker installation	USN-13	Installing Docker CLI	4	Low	Karthikeyan D

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Sprint-4	Creating docker image	USN-14	Setting up the docker environmentand creating the docker image file	6	High	Lavanya T
Sprint-4	Kubernetes	USN-15	creating pods in Kubernetes and uploading it in IBM cloud	6	Medium	Karthikeyan D
Sprint-4	End-to-End Testing	USN-16	Implementing End-to-End testing	6	High	Krishnapriya J

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	Lavanya T Karthikeyan D
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	Jeevan S Karthikeyan D Lavanya T
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	Krishnapriya J Lavanya T
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	Karthikeyan D Jeevan S