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

Date	28 October 2022
Team ID	PNT2022TMID07228
Project Name	Project – Plasma Donor Application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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	5	High	Ajithaa, Jeevitha
Sprint-1	login	USN-2	A User can sign-in to the application by entering the registered email id and password	5	High	Ajith Kumar, Raman Pradeep
Sprint-1	Admin Register	USN-3	An admin can register through the admin registry	5	High	Vignesh
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 scrip	5	High	Ajithaa, Jeevitha
Sprint-2	Implementing Authentication System	USN-5	creating an authentication system for both admin and users using flask application	6	High	Vignesh, Raman Pradeep
Sprint-2	Creating Tables	USN-6	Creating Db2 account and creating the tables in DB2 in IBM cloud db2	4	Medium	Ajithaa, Vignesh
Sprint-2	Creating SSL certificate and integrating with python code	USN-7	Creating the SSL certificate to connect db2 via python code	4	Medium	Ajith Kumar, Raman Pradeep
Sprint-2	Creating dashboard	USN-8	Admin and Donor can interact with our application.	6	High	Jeevitha, Ajith Kumar
Sprint-3	Plasma request and donor acknowledge feature	USN-9	Admin can create plasma requests which will be shown in the user portal	5	High	Vignesh

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
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.	5	High	Jeevitha, Ajithaa
Sprint-3	Integrating the Watson chat bot	USN-11	Users can use the chatbot for basic clarification using the chatbot	5	High	Ajith Kumar, Raman Pradeep
Sprint-3	Integration with SendGrid	USN-12	The source/verification mail for both user(donor and recipient)	5	High	Vignesh, Jeevitha
Sprint-4	Docker installation	USN-13	Installing Docker CLI	6	Medium	Ajithaa, Vignesh
Sprint-4	Creating docker image	USN-14	Setting up the docker environment and creating the docker image file	6	High	Ajith Kumar, Raman Pradeep
Sprint-4	Kubernetes	USN-15	creating pods in Kubernetes and uploading it in IBM cloud	4	Medium	Ajithaa, Jeevitha
Sprint-4	End-to-End Testing	USN-16	Implementing End-to-End testing	4	Medium	Raman Pradeep, Vignesh

Project Tracker, Velocity & Burndown Chart: (4 Marks)

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	Vignesh Ajithaa Ajith Kumar Jeevitha Raman Pradeep
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	Vignesh Ajithaa Ajith Kumar Jeevitha Raman Pradeep
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	Vignesh Ajithaa Ajith Kumar Jeevitha Raman Pradeep
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	Vignesh Ajithaa Ajith Kumar Jeevitha Raman Pradeep