Project Planning Phase
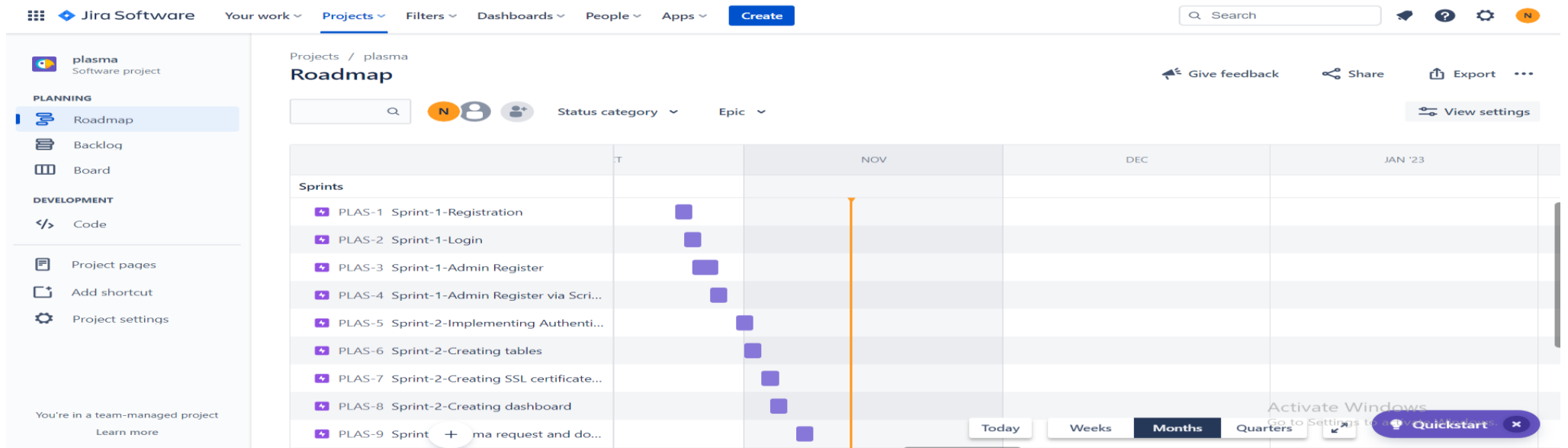## Milestone and Activity list

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

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Epic ⌄   Insights

Epic ✕

Issues without epic

> Sprint-1-Registration

> Sprint-1-Login

> Sprint-1-Admin Register

> Sprint-1-Admin Register via Script

> Sprint-2-Implementing Authentication System

> Sprint-2-Creating tables

> Sprint-2-Creating SSL

+ Create Epic

⌄ **PLAS Sprint 1** 24 Oct – 29 Oct (4 issues)   0 0 0   Complete sprint ...

PLAS-17 As a user, I can register for the application by entering my email, and password, and confirming my passw...   SPRINT-1-REGISTRATION   DONE ⌄

PLAS-18 As a user, I can log into the application by entering my email & password.   SPRINT-1-LOGIN   DONE ⌄

PLAS-19 An admin can register through the admin registry.   SPRINT-1-ADMIN REGISTER   DONE ⌄

PLAS-20 Creating an Admin Account using a python script. For security reasons we should implement a s...   SPRINT-1-ADMIN REGISTER VIA S...   DONE ⌄

+ Create issue

⌄ **PLAS Sprint 2** 31 Oct – 5 Nov (4 issues)   0 0 0   Complete sprint ...

PLAS-21 Creating an authentication and secured system for both admin and users using flask application   SPRINT-2-IMPLEMENTING AUTHE...   DONE ⌄

PLAS-22 Creating Db2 account and creating tables in Db2 in IBM cloud db2   SPRINT-2-CREATING SSL CERTIFIC...   DONE ⌄

PLAS-23 Creating the SSL certificate to connect db2 via html code.   SPRINT-2-CREATING TABLES   DONE ⌄

PLAS-24 Admin and Donor can interact using this application.   SPRINT-2-CREATING DASHBOARD   IN PROGRESS ⌄

+ Create issue

Quickstart ✕

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All sprints

Epic ⌄   Sprint ⌄   GROUP BY None ⌄   Insights

Complete sprint ...

TO DO 4 ISSUES

Installing Docker CLI.
SPRINT-4-DOCKER INSTALLATION
PLAS-29

Setting up the docker environment and creating the docker image file.
SPRINT-4-CREATING DOCKER IMA...
PLAS-30

creating pods in Kubernetes and upload it in IBM cloud
SPRINT-4-KUBERNETES
PLAS-31

Implementing End-to-End testing.
SPRINT-4-END-TO-END TESTING
PLAS-32

IN PROGRESS 5 ISSUES

Admin and Donor can interact using this application.
SPRINT-2-CREATING DASHBOARD
PLAS-24

Admin can request for plasma which will be shown in the user portal.
SPRINT-3-PLASMA REQUEST AND ...
PLAS-25

In Admin dashboard, admin can view all the plasma request that has been requested by the recipient/user.
SPRINT-3-CREATING DASHBOARD ...
PLAS-26

Users can use the chatbot for basic clarification

DONE 7 ISSUES ✓

As a user, I can register for the application by entering my email, and password, and confirming my password.
SPRINT-1-REGISTRATION
PLAS-17   ✓

As a user, I can log into the application by entering my email & password.
SPRINT-1-LOGIN
PLAS-18   ✓

An admin can register through the admin registry.
SPRINT-1-ADMIN REGISTER
PLAS-19   ✓

Creating an Admin Account using a python script. For

Quickstart ✕

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