

Project Planning Phase

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

Date	28 october 2022
Team ID	PNT2022TMID593213
Project Name	Project-LYMPHOGRAPHY CLASSIFICATION USING ML
Maximum Marks	8 Marks

Project Backlog, Sprint Schedule, and Estimation (4 marks)

Sprint	Functional Requirement(Epic)	User Story Number	User Story/Task	Story Points	Priority	Team Members
Sprint 1	Lymphography Workflow Optimization	USN-1	As a patient, I want a secure patient portal that allows me to access my lymphography images, reports, and post-procedure care instructions online.	2	medium	Jeba pearllin
Sprint 1		USN-2	As a patient, I want to be able to request prescription refills online through the patient portal for a streamlined medication management process.	3	medium	Jeba pearllin
Sprint 2		USN-3	As a radiologist, I want a digital system for securely storing and sharing lymphography images and reports, ensuring quick access for diagnosis and consultation.	2	low	Jeba pearllin
Sprint 2		USN-4	As a radiologist, I want an automated scheduling system that optimizes the allocation of lymphography appointments to available slots, reducing wait times and improving resource utilization.	2	low	Jeba pearllin
Sprint 1	Enhancing the Patient Experience	USN-5	As a healthcare provider, I want to	3	medium	Jeba pearllin

			offer patients the option to provide feedback on their experiences and suggest improvements, helping us continuously enhance our services.			
Sprint 1		USN-6	As a patient, I want to receive clear and timely communication about my upcoming appointments and any necessary preparations, so I can be well-prepared and reduce anxiety.	3	high	sudersanaa
Sprint 1		USN-7	As a patient, I want to receive personalized post-procedure care instructions and reminders through email or a mobile app, aiding my recovery and follow-up process.	3	medium	sudersanaa
Sprint 1		USN-8	As a healthcare administrator, I want to offer educational materials within our facilities and online resources on various health topics to empower patients to take control of their well-being.	2	medium	sudersanaa
Sprint 3		USN-9	As a patient, I want a clear and user-friendly billing and payment system to simplify the administrative aspects of my healthcare, reducing confusion and delays.	2	medium	sudersanaa
Sprint 1	Image Quality Enhancement	USN-10	As a radiologist, I want to enhance the image resolution and clarity of	3	high	sudersanaa

			lymphography scans to ensure more accurate and reliable diagnoses.			
Sprint 1		USN-11	As a medical instructor, I want to provide training and guidelines to radiologists and technicians on using image enhancement tools effectively, ensuring high-quality lymphography imaging across our team.	2	medium	pavan
Sprint 1		USN-12	As a medical professional, I want to improve the resolution and detail of medical images for more accurate diagnoses and treatment planning.	2	medium	pavan
Sprint 1		USN-13	As a patient, I want to receive lymphography results with improved image quality, as it contributes to a more thorough understanding of my condition and treatment options.	3	low	pavan
Sprint 2		USN-14	As a patient, I want the option to provide feedback on the quality and clarity of the images from my lymphography procedure through a post-procedure survey, ensuring my observations are considered for continuous improvement.	2	high	pavan
Sprint 2		USN-15	As a patient, I want to have the option to provide specific comments and suggestions regarding image quality in my	2	low	pavan

			feedback, helping to direct improvements in imaging processes.			
Sprint 2	Patient-Healthcare Assistant Communication Enhancement	USN-16	As a healthcare provider, I want to easily access a patient's medical history, including allergies and prior diagnoses, during clinical visits to provide informed and personalized care.	3	High	Shruthi
Sprint 3		USN-17	As a patient, I want to securely access and share my medical records with other healthcare providers, ensuring seamless continuity of care during referrals and consultations.	2	High	Shruthi
Sprint 3		USN-18	As a patient, I want the ability to view available appointment slots and schedule appointments online, providing me with greater flexibility and convenience.	2	Medium	Shruthi
Sprint 3		USN-19	As a healthcare manager, I want to offer e-learning modules on new healthcare regulations and best practices, ensuring that staff can easily access and complete their training.	2	low	Shruthi

Project Tracker, Velocity and Burndown chart: (4 marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date(planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	28	4 days	19 oct 2022	22 oct 2022	28	22 oct 2022
Sprint-2	11	3 days	23 oct 2022	25 oct 2022	11	25 oct 2022
Sprint-3	8	3 days	26 oct 2022	28 oct 2022	8	28 oct 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per

iteration unit (story points per day)

$$AV = \text{sprint duration/velocity}$$

$$= 28+11+8/3$$

$$=15.67$$

Burndown chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

SPRINT 1



SPRINT 2

Sprint burndown chart

[How to read this report](#)

Sprint

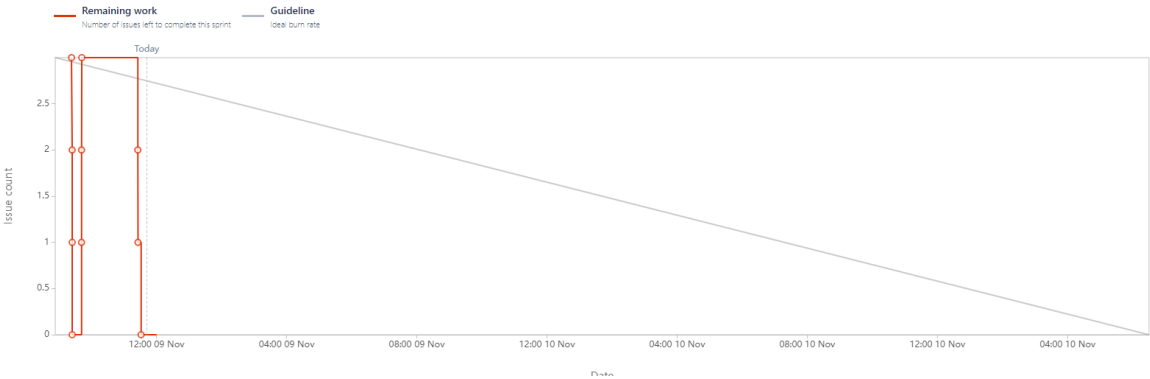
Sprint 2

Estimation field

Issue count



Date - November 9th, 2023 - November 10th, 2023
Sprint goal - Aimed at making it easier for patients to schedule follow-up appointments and consultations with healthcare assistants.



SPRINT 3

Sprint burndown chart

[How to read this report](#)

Sprint

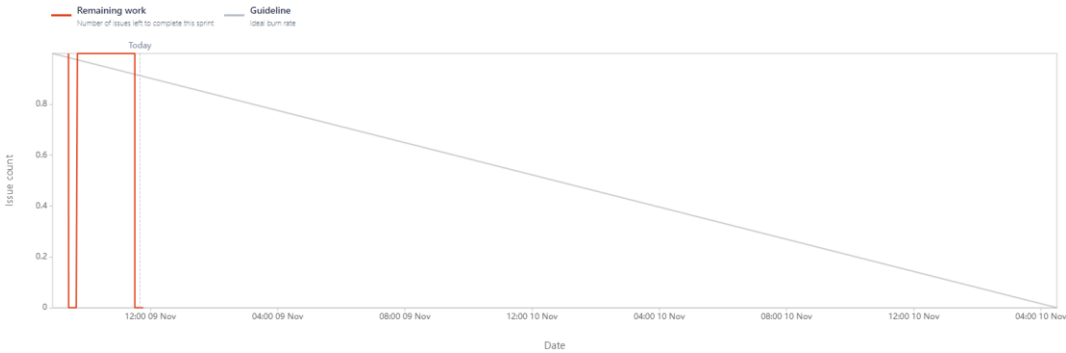
Sprint 3

Estimation field

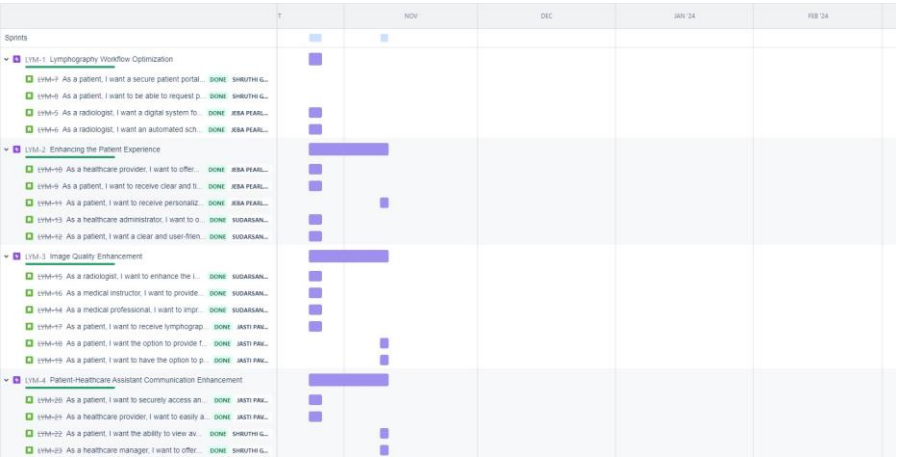
Issue count



Date - November 9th, 2023 - November 10th, 2023
Sprint goal - Aimed at enhancing the communication skills of healthcare assistants through training and resources.



TIMELINE SCREENSHOT



<https://iebppearljira.atlassian.net/jira/software/projects/LYM/boards/3/backlog?epics=visible>