

Project Planning Phase

Date	27 October 2023
Team ID	Team-592706
Project Name	PoxVisio: A Deep Learning Expedition Into Monkeypox Skin Lesions
Team Members	1) Atharva Pravin Navghane - 21BCE0083 2) Mrudul Sunil Patil - 21BCE3386 3) Onkar Anil Hule - 21BCE3363 4) Mehul Gupta - 21BCE3897

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Team Members	Priority
Sprint 1	Data Collection and Preprocessing	USN-1	Collect monkeypox skin lesion images from web sources	Successfully scrape and collect a dataset of monkeypox skin lesion images from news portals, websites, and publicly accessible case reports.	Data Collection Team	High
Sprint 1	Data Collection and Preprocessing	USN-2	Process and clean collected images	Images are resized, normalized, and any noise or artifacts removed.	Data Preprocessing Team	High
Sprint 2	Model Development	USN-3	Choose a deep learning model (e.g., ResNet50)	Select ResNet50 as the deep learning model	Machine Learning Team	High

				for monkeypox skin lesion classification.		
Sprint 2	Model Development	USN-4	Train the ResNet50 model	The model is trained on the preprocessed dataset and achieves a specified level of accuracy.	Machine Learning Team	High
Sprint 3	Model Evaluation	USN-5	Evaluate the model's performance	The model's accuracy, precision, recall, and F1-score meet the project's criteria.	Machine Learning Team	Medium
Sprint 4	User Interface	USN-6	Develop a user-friendly web interface	The web interface is designed and implemented to allow users to upload skin lesion images for classification.	UI/UX Team	High

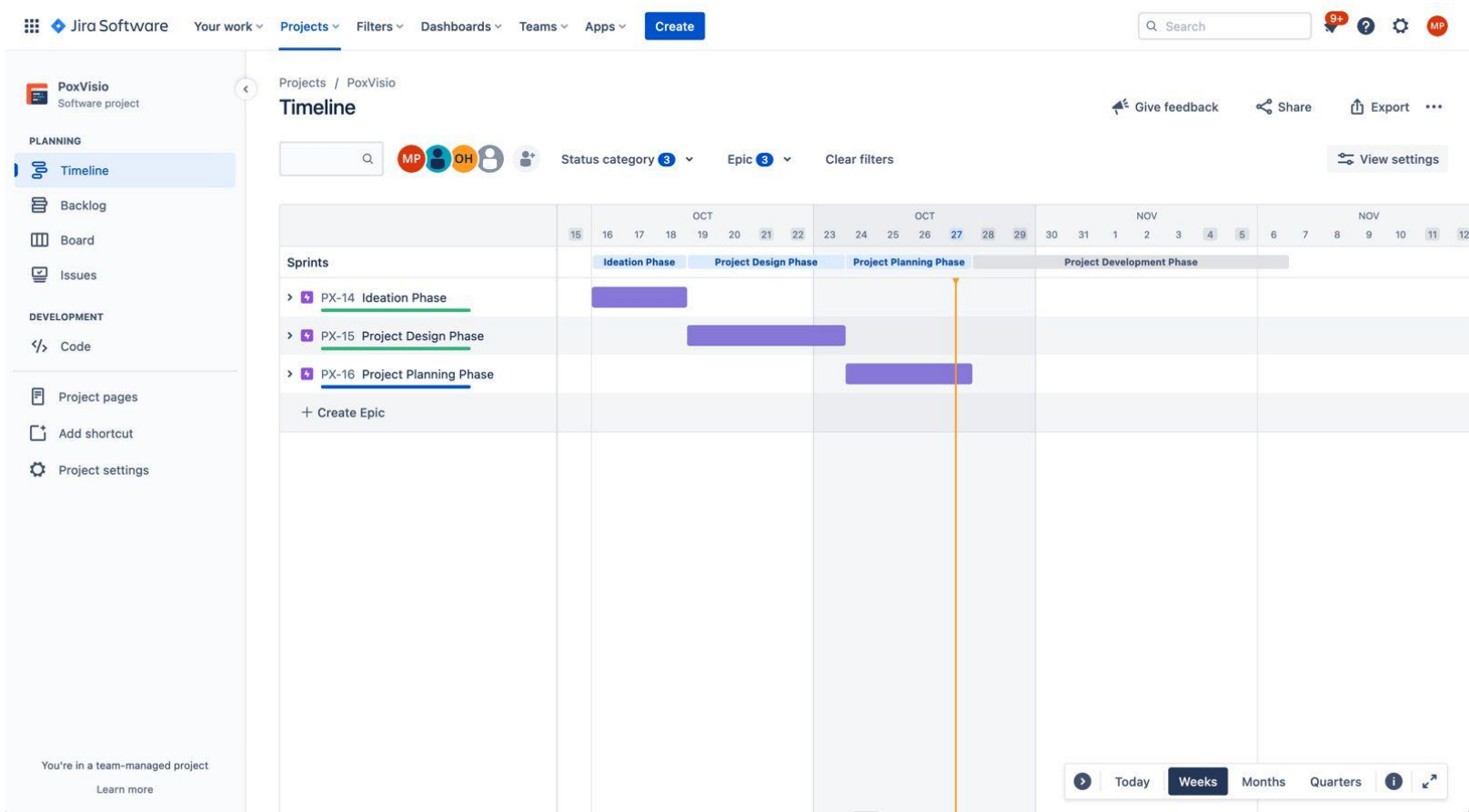
Sprint 4	User Interface	USN-7	Integrate the trained model into the web interface	The web interface successfully integrates the ResNet50 model for skin lesion classification.	UI/UX Team, Machine Learning Team	High
Sprint 5	Testing and Validation	USN-8	Test the entire system	The system is thoroughly tested, and any bugs or issues are addressed.	Quality Assurance Team	High
Sprint 5	Deployment	USN-9	Deploy the PoxVisio system	The system is deployed and accessible for users to upload skin lesion images for classification.	DevOps Team	High
Sprint 6	Documentation and Reporting	USN-10	Create project documentation	Detailed project	Documentation Team	Medium

				documentation is created, including a user manual and technical documentation .		
Sprint 6	Documentation and Reporting	USN-11	Prepare a project report	A comprehensive project report is prepared, including methodology, results, and conclusions.	Documentation Team	Medium

Project Tracker, Velocity & 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	20	6 Days	27 Oct 2023	30 Oct 2023	20	24 Oct 2022
Sprint-2	20	6 Days	31 Oct 2023	02 Nov 2023	10	27 Oct 2023
Sprint-3	20	2 Days	03 Nov 2023	06 Nov 2023	5	31 Oct 2023
Sprint-4	20	3 Days	06 Nov 2023	08 Nov 2023	0	03 Nov 2023
Sprint - 5	20	2 Days	08 Nov 2023	09 Nov 2023	0	08 Nov 2023
Sprint - 6	20	2 Days	08 Nov 2023	09 Nov 2023	0	08 Nov 2023

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Sprint

0 days remaining

Complete sprint

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Project Planning Phase: Technology Stack

PROJECT PLANNING PHASE

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Project Planning Phase: Project Planning Details

PROJECT PLANNING PHASE

PX-10

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DONE 8

Ideation Phase : Empathy Map

IDEATION PHASE

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Ideation Phase : Brainstorming

IDEATION PHASE

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Ideation Phase : Idea Prioritization

IDEATION PHASE

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Project Design Phase : Proposed Solution

PROJECT DESIGN PHASE

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Project Design Phase : Solution Architecture

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Ideation Phase

Project Design Phase

Project Planning Phase

Start date
None

Due date
None

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Project Design Phase 19 Oct – 23 Oct (4 issues)

0 0 0 Complete sprint

PX-6 Project Design Phase : Proposed Solution PROJECT DESIGN PHASE DONE

PX-6 Project Design Phase : Solution Architecture PROJECT DESIGN PHASE DONE

PX-7 Project Design Phase : Determine the Requirements (Data Flow Diagra... PROJECT DESIGN PHASE DONE

PX-8 Updating the Project Status Document DONE

+ Create issue

Project Planning Phase 24 Oct – 27 Oct (3 issues)

0 0 0 Complete sprint

PX-9 Project Planning Phase: Technology Stack PROJECT PLANNING PH/ IN PROGRESS

PX-10 Project Planning Phase: Project Planning Details PROJECT PLANNING PH/ IN PROGRESS

PX-11 Updating the Project Status Document TO DO

+ Create issue

Project Development Phase 28 Oct – 6 Nov (2 issues)

0 0 0 Start sprint

PX-12 Project Development Phase : Project Manual TO DO

PX-13 Updating the Project Status Document TO DO

+ Create issue

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&2	Actual Effort	Effort Remaining
Day 1	100	100
Day 2	95	97
Day 3	90	92
Day 4	80	84
Day 5	75	75
Day 6	62	60
Day 7	55	53
Day 8	45	40
Day 9	32	30
Day 10	25	15
Day 11	10	8
Day 12	0	0

