INITIAL PROJECT PLANNING TEMPLATE

Date	15 March 2024
Team ID	LTVIP2024TMID24981
Project Name	Deep learning techniques for breast cancer prediction
Maximum Marks	4 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 Start Date	Sprint End Date (Planned)
Sprint-1	Data preparation	USN-1	Collect and preprocess mammogram images	3	High	Team Member 1, 2	2024-10-20	2024-10-27
Sprint-1	Data preparation	USN-2	Perform data augmentation to balance classes	2	High	Team Member 3	2024-10-20	2024-10-27
Sprint-2	Data preparation	USN-3	Perform segmentation on images for tumour isolation	3	Medium	Team Member 1,4	2024-10-28	2024-11-04
Sprint-2	Model Development	USN-4	Develop CNN model for feature extraction from images	5	Medium	Team Member 2,3	2024-10-28	2024-11-04

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-3	Model Development	USN-5	Develop RNN model for temporal feature extraction	5	Medium	Team member 3,4	2024-11-05	2024-11-12
Sprint-3	Model Development	USN-6	Build hybrid CNN-RNN model for breast cancer prediction	8	High	Team Member 1,2,3	2024-11-05	2024-11-12
Sprint-4	Model Evaluation	USN-7	Evaluate models with relevant metrics (accuracy, sensitivity, AUC-ROC)	3	High	Team Member 1,2	2024-11-13	2024-11-20
Sprint-4	Model Evaluation	USN- 8	Compare hybrid model with standalone CNN and RNN models	2	Medium	Team Member 3,4	2024-11-13	2024-11-28
Sprint-5	Deployment & Integration	USN-9	Deploy the model on cloud infrastructure for scalability	5	High	Team Member 2,4	2024-11-21	2024-11-28
Sprint-5	Deployment & Integration	USN-10	Integrate the model with existing hospital systems (HIS, PACS)	3	Medium	Team Member 2,4	2024-11-21	2024-11-28
Sprint-6	Ethical Considerations	USN-11	Ensure HIPAA/GDPR compliance for patient data privacy	2	High	Team Member 1,3	2024-11-29	2024-12-06

Team Members Roll Call	Team Members Names
Team Member 1	KUNDETI USHANJALI
Team Member 2	PILLI POOJESWAR REDDY
Team Member 3	MAGULURI VENKATA KOTAIAH
Team Member 4	GAMPALA KRISHNA SRI