Initial Project Planning Template

Date	15 March 2024
Team ID	SWTID1720418653
Project Name	Crystal Clear Vision: Revolutionizing Cataract Prediction through Transfer Learning Mastery
Maximum Marks	4 Marks

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

Use the below template to create a product backlog and sprint schedule

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 Collection	USN-1	Collection of Data - Gathering relevant project information.	3	Medium	Manikanta	8/07/2024	10/07/2024
Sprint-1	Data Collection	USN-2	Load the data - importing the data efficiently.	2	Low	Manikanta	8/07/2024	10/07/2024
Sprint-1	Preprocessing Phase	USN-3	Division of data into train and test directories - Splitting data into training/testing.	2	Low	Yasaswini	8/07/2024	10/07/2024
Sprint-1	Preprocessing Phase	USN-4	Converting images to numpy arrays - Turning images into numpy arrays.	3	Medium	Yasaswini	8/07/2024	10/07/2024
Sprint-2	Model Development Phase	USN-5	VGG16 AND VGG19 - deep neural networks.	5	High	Yasaswini, Manikanta	11/07/2024	14/07/2024

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-2	Model Development Phase	USN-6	MobileNet - Lightweight, efficient, mobile-friendly CNN. Resnet50 - Deep, residual network for accuracy.	5	High	Nithin	11/07/2024	14/07/2024
Sprint-2	Model Development Phase	USN-7	InceptioNet - Deep learning, multi-pathway network. XceptioNet - Depthwise separable convolutions, improved accuracy.	5	High	Abhiram	11/07/2024	14/07/2024
Sprint-2	Model Optimization and Tuning Phase	USN-8	Parameters Adjustment - Optimizing model settings for performance.	5	High	Manikanta, Yasaswini	11/07/2024	14/07/2024
Sprint-2	Model Optimization and Tuning Phase	USN-9	Testing The Model - Evaluating model's performance and accuracy.	3	Medium	Abhiram	11/07/2024	14/07/2024
Sprint-3	Web Deployment Phase	USN-10	Creating home and info pages templates - Designing layout for home, info.	3	Medium	Abhiram	15/07/2024	18/07/2024
Sprint-3	Web Deployment Phase	USN-11	Gathering Background and logo for company - Collecting information and branding assets.	2	Low	Nithin	15/07/2024	18/07/2024

Sprint-3	Web Deployment Phase	USN-12	Creating Index And Result Page - Developing overview and results display page.	3	Medium	Manikanta	15/07/2024	18/07/2024
Sprint-3	Web Deployment Phase	USN-13	Integrating HTML pages using flask framework - Combining HTML with Flask for functionality.	4	High	Yasaswini	15/07/2024	18/07/2024
Sprint-3	Web Deployment Phase	USN-14	Testing With Different Cases - Evaluating model performance across scenarios.	3	Medium	Manikanta	15/07/2024	18/07/2024
Sprint-3	Web Deployment Phase	USN-15	Web Deployment Phase - Publishing application to live environment.	2	Low	Manikanta	15/07/2024	18/07/2024