Initial Project Planning Template

Date	11 June 2025
Team ID	SWTID1749620488
Project Name	Chronic Kidney Disease Detection
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 Preprocessing	USN-1	As a data scientist, I can clean and handle missing values in the dataset.	2	High	Vyshnavi Krishna, Sriram T	11 June 2025	13 June 2025
Sprint-1		USN-2	As a developer, I can encode categorical features using Label Encoding.	1	High	Sakshi Kumar, Preetish Kumar	11 June 2025	13 June 2025
Sprint-1	Exploratory Data Analysis	USN-3	As an analyst, I can perform univariate and bivariate visualizations for better understanding.	2	Medium	Preetish Kumar, Sriram T	14 June 2025	16 June 2025
Sprint-2	Model Training and Evaluation	USN-4	As a developer, I can train multiple models and evaluate their accuracy (LogReg, RF, GBC, DT).	3	High	Sriram T, Sakshi Kumar	17 June 2025	21 June 2025
Sprint-2	Model Selection and Reporting	USN-5	As a data scientist, I can compare models using classification reports and confusion matrices.	2	Medium	Sakshi Kumar,	17 June 2025	21 June 2025

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
						Vyshnavi Krishna		
Sprint-3	Model Saving & Deployment Prep	USN-6	As a developer, I can save all trained models as .pkl files using pickle for future use.	1	Medium	Sakshi Kumar, Sriram T	22 June 2025	23 June 2025
Sprint-3	Advanced Visualization & Multivariate	USN-7	As an analyst, I can visualize feature relationships using heatmaps, pairplots, and 3D scatter plots.	2	Low	Vyshnavi Krishna, Preetish Kumar	24 June 2025	26 June 2025