

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID27851
Project Name	Early Detection of Chronic Kidney Disease using Machine Learning
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Home Page	USN-1	As a user , I will be able to view the description about chronic kidney disease	7	Low	Monisha
Sprint-3		USN-2	As a user, I will be able to view the symptoms of chronic kidney disease	6	High	Monisha
Sprint-3		USN-3	As a user, I will be able to move to the next page by clicking the button available	6	High	Monisha
Sprint-3	User Entry	USN-4	As a user, I can enter the required data for prediction purpose	6	High	Monisha
Sprint-1	Data set	USN-5	As an administrator, proper dataset is to be collected	6	High	Jeevitha
Sprint-2	Model building	USN-6	As an administrator, dataset is to be trained and tested with different models and the best among those should be used	7	High	Nivetha
Sprint-2	Analysis	USN-7	As an administrator, the data entered should be analyzed with the dataset	7	High	Nivetha
Sprint-3	Report	USN-8	As a user, I can view the report generated by the tool	7	High	Monisha

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	API key generation	USN-9	As an administrator the project is to be deployed in the cloud platform and api key is to be generated	7	High	Swaathi
Sprint-2	Feature importance	USN-10	As an administrator, I should identify the most significant factors that lead to CKD based on the present trend	6	High	Nivetha
Sprint-2	Train model	USN-11	As an administrator, I must use the most suitable ML model for detection of CKD	6	High	Nivetha

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	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022