Project Planning Phase

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

Date	10 November 2022
Team ID	PNT2022TMID31202
Project Name	Project – 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

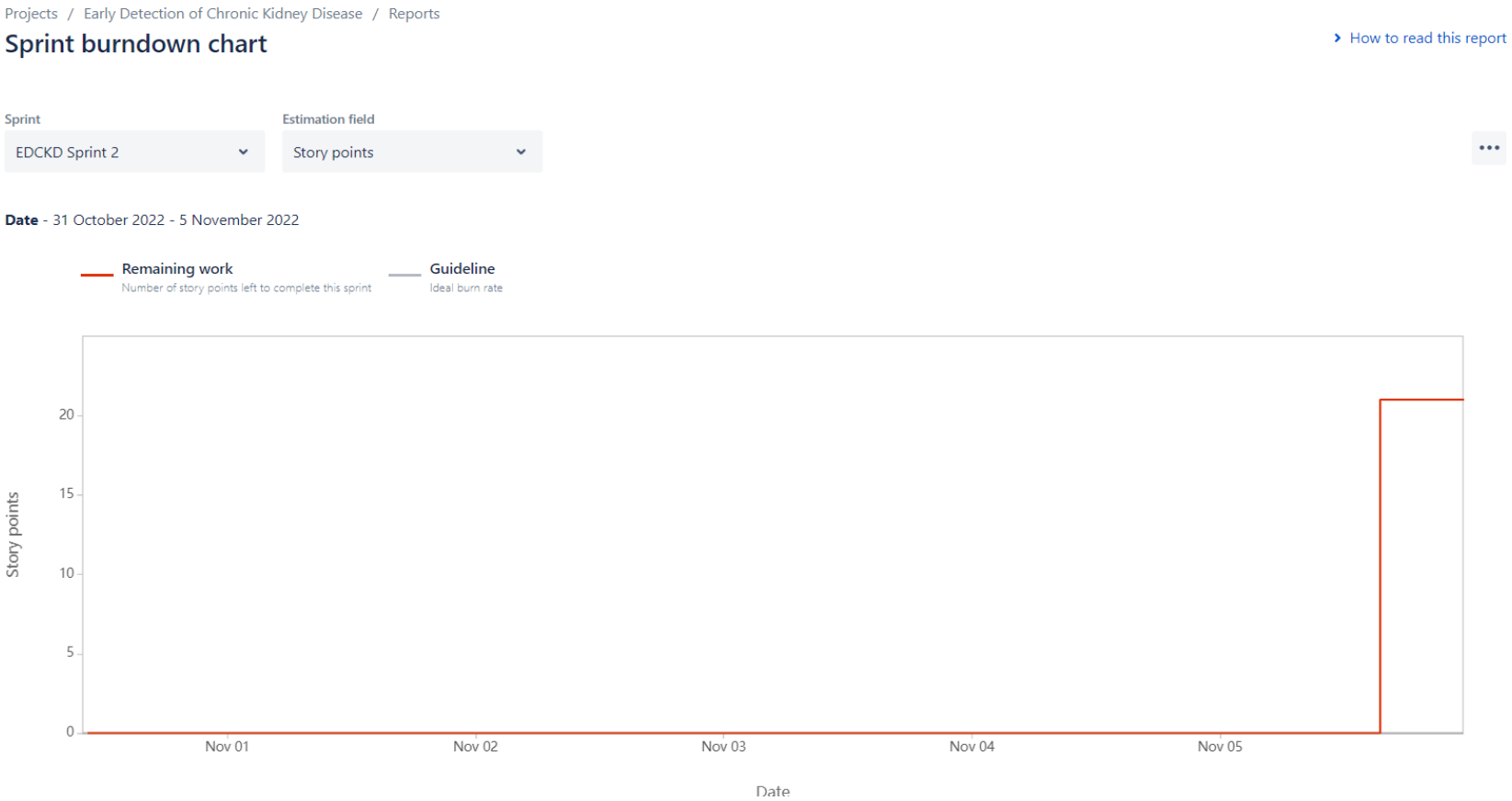
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Collection of Dataset	USN-1	I need to collect dataset from IBM resource	3	High	Harini priya Mukilarasi Nathiya Sukuna
Sprint-1	Data Pre-Processing	USN-2	I need to take raw data and transform it into a format that can be understood and analysed by machine learning algorithms	6	High	Harini priya Mukilarasi Nathiya Sukuna

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Exploratory Data Analysis (EDA)	USN-3	I need to do Exploratory Data Analysis to obtainthe main characteristics	8	Medium	Harini priya Mukilarasi Nathiya Sukuna
Sprint-2	Model Building	USN-4	I need to explore the type of algorithms whichcan be used to train and test the model for providing the best accurate results	13	High	Harini priya Mukilarasi Nathiya Sukuna
Sprint-3	UI Designing	USN-5	As a developer, I need to design a simple and understandable UI	3	Medium	Harini priya Mukilarasi Nathiya Sukuna
Sprint-3	UI Integration	USN-6	As a developer, I need to integrate the user interface and the model developed using machine learning algorithms	5	Medium	Harini priya Mukilarasi Nathiya Sukuna
Sprint-4	Dashboard	USN-7	As a user, I will be able to enter my test resultsas input which will be used for prediction	5	High	Harini priya Mukilarasi Nathiya Sukuna
Sprint-4	Result	USN-8	As a user, I will receive whether chronic kidney disease is there or not	5	High	Harini priya Mukilarasi Nathiya Sukuna

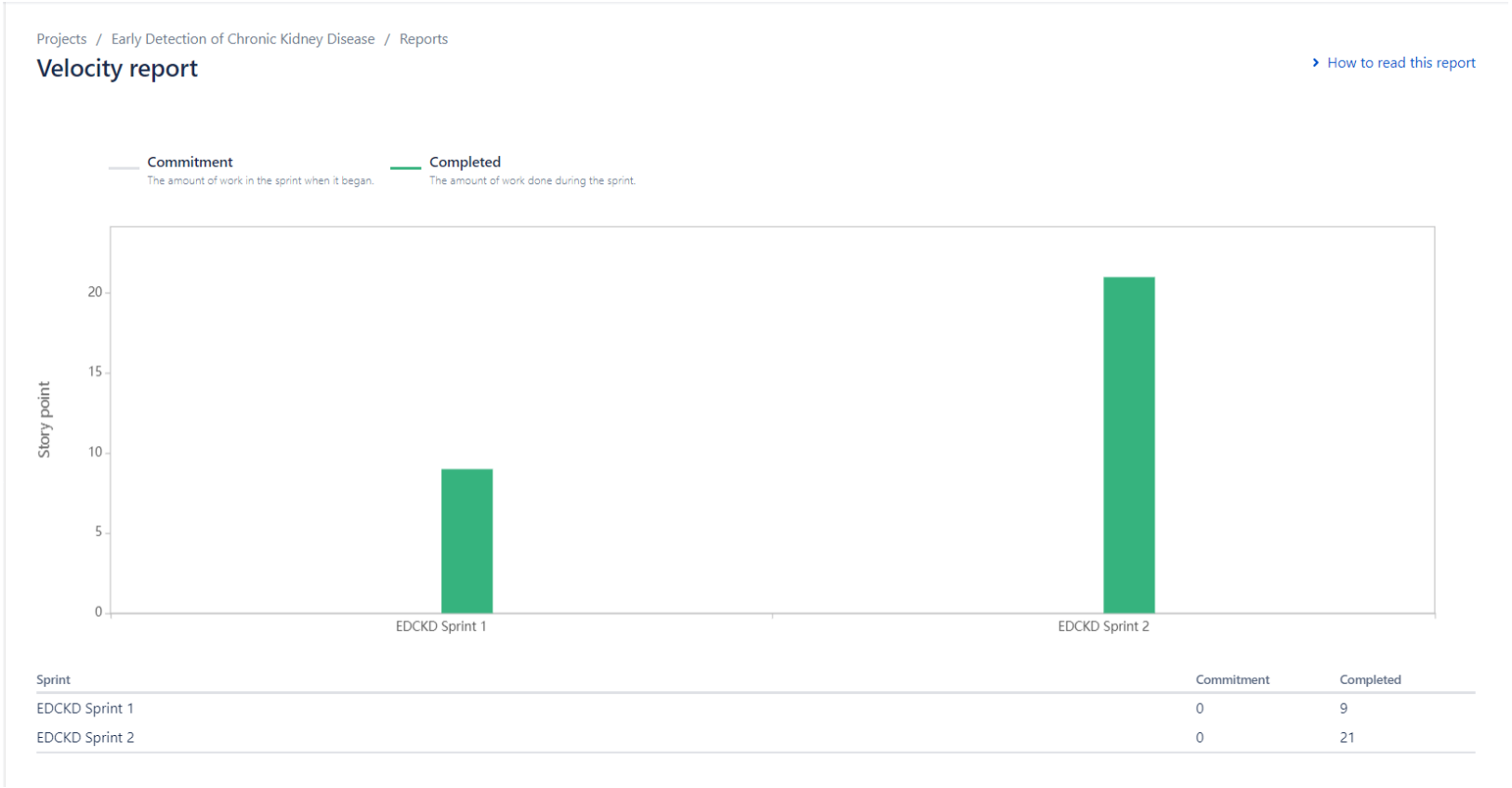
Project Tracker, Velocity & Burndown Chart: (4 Marks)

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	9	6 Days	24 Oct 2022	29 Oct 2022	9	31 Oct 2022
Sprint-2	21	6 Days	31 Oct 2022	05 Nov 2022	21	05 Nov 2022
Sprint-3	8	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022		

Burndown Chart:



Velocity Chart:



Sprint	Commitment	Completed
EDCKD Sprint 1	0	9
EDCKD Sprint 2	0	21