

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID16016
Project Name	Early Detection of Chronic Kidney Disease using Machine Learning
Maximum Marks	8 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-1	Home Page	USN-1	As a user, I can view the home page of the web application.	20	Low	Sneha A
Sprint-2	Kidney disease display	USN-2	As a user, I can be redirected to the data entry page	20	Medium	Sowmya B
Sprint-3	Data Entry	USN-3	As a user, I can enter my kidney diseases details in the required fields.	20	Medium	Sowmya S
Sprint-4	Kidney diseases prediction	USN-4	As a user, I expect the application to predict the diseases of the kidne.	20	Medium	Varun Prasad T

#### 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

### Velocity:

Sprint 1: 1 user stories x 20 story points = 20

Sprint 2: 1 user stories x 20 story points = 20

Sprint 3: 1 user stories x 20 story points = 20 Sprint

4: 1 user stories x 20 story points = 20

Total = 80

Average sprint velocity is  $80 \div 4 = 20$ .

### Burndown Chart:

A burn down chart is a graphical representation of "**WORK LEFT to do versus TIME**". It is the amount of work that has been completed in an epic or sprint and the total work remaining . burndown charts are used to predict your teams likelihood of completing their work in the time available.