Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMID39690
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	Home page	USN-1	As a user, I can create a website with home page	5	High	1. Arthi.S 2. Dhana Lakshmi.R
Sprint-1	Details	USN-2	As a user, I can give the details about the disease	15	High	1. Dilip.G 2 .Sivasuriyan.M.S
Sprint-2	Awareness	USN-3	As a user, I can create an awareness about the disease	5	Low	1. Arthi.S 2. Dhana Lakshmi.R
Sprint-2		USN-4	As a user, I can give the details of the healthy diet	15	Medium	1. Dilip.G 2. Sivasuriyan.M.S
Sprint-3	Diagnoise	USN-5	As a user I can enter the blood urea details	5	High	1. Arthi.S 2. Sivasuriyan.M.S
Sprint-3		USN-6	As a user, I can enter the glucose random.	10	High	1. Dilip.G 2. Sivasuriyan.M.S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-7	As a user, I can select the test details of the patients	5	Medium	1. Arthi.S 2. Dhana Lakshmi.R
Sprint-4	Data analysis	USN-8	As a user, I can analyse the given data of the patient	5	High	1. Dilip.G 2. Sivasuriyan.M.S
Sprint-4	Result	USN-9	As a user, I can predict the results of the patient	10	High	1. Dhana Lakshmi.R 2. Sivasuriyan.M.S
Sprint-4		USN-10	As a user, I can view the results of the patient	5	High	1. Arthi.S 2. Dhana Lakshmi.R

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		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.