Project Planning Phase
Sprint, Story Planning Details

Date	2 November 2023
Team ID	PNT2023TMID592321
Project Name	Project - Diabetes Prediction Using Machine Learning

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement	User Story No.	User Story	Acceptance Criteria	Story Points
Sprint-1	Data Inputs	USN-1	As a user, I need to input my details to get a diagnosis but I do not have my family history	I will input my personal data to my best possible knowledge	10
Sprint-1		USN-2	As a user, I can input all my details to get a diagnosis	I will input all required data to the best of my knowledge	15
Sprint-4		USN-3	As a user, I am unaware of my personal medical data but I can input an estimation of the same	I will input values in accordance to what I believe are correct	5
Sprint-3	Medically diagnosed	USN-4	As a user, I have been medically diagnosed and would like to input my details to feed the model better for more accurate diagnoses in the future for me and my loved ones who might need it	I will input my medical data and input my diagnosis as a professionally backed one	15
Sprint-1		USN-5	As a user, I have not been medically diagnosed yet and would like to input my details to get an estimate of if I should seek out the same	I will input my most latest accurate medical data to get the model's results	10

Project Tracker, Velocity & Burndown Chart:

Sprint	Story Points	Duration	Sprint Start Date	Sprint End Date
Sprint-1	15	5 days	20-10-2023	25-10-2023
Sprint-2	15	5 days	25-10-2023	30-10-2023
Sprint-3	15	5 days	30-10-2023	04-11-2023
Sprint-4	15	4 days	04-11-2023	08-11-2023

Average Velocity:

The average velocity of our work for 5-day sprints with 15 story points for each sprint is:

$$AV = \frac{Points\ per\ sprint}{Days\ per\ sprint} = \frac{15}{5} = 3$$

Burndown Chart: