Project Planning Phase

Date	22 October 2022
Team ID	PNT2022TMID18760
Project Name	Project – Visualizing and Predicting Heart Diseases with an Interactive Dash Board
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	Registration	USN-1	As a user, the user of the application can start registering for the application by entering their phone no, name, mail id, password,and confirming their password. Passwordand mail Id should be remembered for next time login.	8	High	Ranjana J
Sprint-1		USN-2	As a user, I will receive confirmation otp in my email once the user has successfully registered in the application.	7	High	Rakshitha Vaidhya K
Sprint-1		USN-3	As a user, I can Use the application by logging in by entering the registered mail id & password.	4	Medium	Sanjay S N
Sprint-1	Login	USN-4	As a user, I can view my detailed report after the prediction is done with the details given as the input like: a. age b. gender c. pulse rate d. cholesterol level e. blood pressure f. ECG readings g. Blood sugar: i)Fasting ii)post prandial h. echo readings	6	High	Megala V
Sprint-2	Dashboard	USN-5	As a user I can view my profile & add extra information about like photo if the user wishes.	8	High	Ranjana J
Sprint-2		USN-6	As a user, I can change my password by getting conformation mail again.	8	High	Rakshitha Vaidhya K
Sprint-3	Guidelines	USN-7	As a user, I can get my report whether the user has heart disease or not.	8	Medium	Sanjay S N
Sprint-4	User profile	USN-9	As a user, I can know whether to consult Doctors in the current stage or not.	6	High	Megala V
Sprint-4		USN-10	As a user I can raise any queries regarding the application	4	High	Megala V
Sprint-4		USN-11	The requirements of the hardware and software for user should be specified.	9	High	Sanjay S N

Project Tracker, Velocity & Burn down 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	25 Oct 2022	28 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	30 Oct 2022	04 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	08 Nov 2022	11 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	18 Nov 2022	20	19 Nov 2022

GIVEN:

- 10-day sprint duration
- velocity of the team is 20 (points per sprint).

TO FIND:

- calculate the team's average velocity (AV) per iteration unit (story points per day)

VELOCITY:

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

Burn Down chart