Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID23310
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Sprint 1	Registration	USN-1	Sign Up for the application	Access the account / dashboard	High	Gokul D Chris Harry P Vigneshraj V Hari Haran V Ruthresh Kumar R
		USN-2	After registration confirmation mail is received.	Receive confirmation email & click confirm	High	
		USN-3	Registration using Facebook	Register & access the dashboard with Facebook Login	Low	
		USN-4	Registration using Gmail	Register & access the dashboard with Gmail Login	Medium	

Sprint 2	Login	USN-5	User enters the webpage by entering email id and password as login credentials	Register & access the dashboard with provided credentials	High	Gokul D Chris Harry P Vigneshraj V Hari Haran V Ruthresh Kumar R
Sprint 3	Dashboard	USN-6	Profile - view & update your profile	View Profile	High	Gokul D Chris Harry P Vigneshraj V Hari Haran V Ruthresh Kumar R
		USN-7	Change Password - User can change their password	Access to change the password.	High	
Sprint 4	Classified result	USN-8	Home – Analyze Heart Condition	Detect the health condition.	High	Gokul D Chris Harry P Vigneshraj V Hari Haran V Ruthresh Kumar R
		USN-9	User fills the fields mentioned to visualize the condition of his/her health	Fills the categories to visualize	High	

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 (Expected)
Sprint-1	1	3 Days	24 Oct 2022	26 Oct 2022	1	26 Oct 2022
Sprint-2	1	3 Days	31 Oct 2022	02 Nov 2022	1	02 Nov 2022
Sprint-3	1	3 Days	07 Nov 2022	09 Nov 2022	1	09 Nov 2022
Sprint-4	1	6 Days	14 Nov 2022	19 Nov 2022	1	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)

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