Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID10855
Project Name	Visualizing and Predicting Heart Diseases.
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	Patient Registeration	USN-1	As a Patient, I can register for the application by entering my email, password, and confirming my password with validation	1	Medium	Durga
Sprint-1		USN-2	As a Patient, I will receive confirmation email once I have registered for the application	1	Medium	Kiruba
Sprint-2	Patient Login	USN-3	As a Patient, I can login into application using his credentials with usertype as donor	1	Medium	Aiswarya Jeyabrinda
Sprint-1	Doctor Registeration	USN-4	As a User, I can register for the application by entering my email, password, and confirming my password with validation	1	Medium	Krapagalakshmi
Sprint-1		USN-5	As a User, I will receive confirmation email once I have registered for the application	1	Medium	Durga
Sprint-2	Doctor Login	USN-6	As a Patient, I can login into application using his	1	Medium	Kiruba

			credentials with usertype as user			
Sprint-2	Dashboard	USN-7	As a User, I submit the application form in need of patientto notify the doctor	2	High	AiswaryaJeyabrinda
Sprint-2		USN-8	As a User, he/she can view the available donor list to contact the doctor.	2	High	Krapagalakshmi
Sprint-2		USN-9	As a User, he/she can send a request to the particular doctor	2	Low	Durga
Sprint-3		USN-10	As a Doctor, able to view the request from the users.	2	Medium	Kiruba
Sprint-3		USN-11	As a Patient, can accept or decline in the dashboard	3	Medium	Krapagalakshmi
Sprint-3		USN-12	As a User, irrespective of contact details, can notified through email regarding accept or decline.	3	High	AiswaryaJeyabrinda
Sprint-3		USN-13	As a Patient, for successful Recovery and given feedback, badges will be provided depending on doctor level, initially start from level 0.	3	Medium	Durga
Sprint -4		USN-14	As a Patient change the availability status to notify the doctor	3	Medium	kiruba
Sprint -4	Heart Diseases Prediction.	USN-15	Recent Diseases update news.	1	Low	AiswaryaJeyabrinda
Sprint-4		USN-16	Current trends in diseases prediction	1	Low	Krapagalakshmi

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	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 = Sprint duration

$$\frac{\text{Sprint duration}}{\text{Velocity}}$$

$$= 20/10 = 2$$

Burn down 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.

https://www.visual-paradigm.com/scrum/scrum-burn down-chart/

https://www.atlassian.com/agile/tutorials/burn down-charts

Reference:

https://www.atlas sian.com/agile/project-management

https://www.atlasian.com/agile/tutorials/how-to-do- scrum- with- jira- software

https://www.atlas sian.com/agile/tutorials/epics

https://www.atlas sian.com/agile/tutorials/sprints

https://www.atlas sian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burn down-charts