

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID53189
Project Name	Project - Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	Dharsini
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	Low	Karthika
Sprint-2		USN-3	As a user, I can register for the application through Facebook	5	High	Kayanat
Sprint-1		USN-4	As a user, I can register for the application through Gmail	3	High	Kavya
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	3	High	Karthika
Sprint-2	Dashboard	USN-6	As a user, I can navigate through various sections of the application	5	Medium	Kavya, Karthika
Sprint-2	About Us Page	USN-7	As a user, I can know about the application and about the objectives and outcomes of predictions of the images.	6	Medium	Kavya, Dharsini
Sprint-2	Main Page	USN-8	As a user, I can upload the images for prediction and know more about the process.	10	High	Dharsini, Kayanat, Karthika

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Report Page	USN-9	As a user,I can access the results of my image prediction and use it for further use.	9	High	Kayanat,Karthika
Sprint-4	Contact Us Page	USN-10	As a user,I can contact the administrator via phone,email or post.	5	Medium	Karthika,Kavya
Sprint-4	Hosting	USN-11	As a user,I can access the website both from mobile and PC.	8	High	Dharsini,Kayanat

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	10	6 Days	24 Oct 2022	29 Oct 2022		29 Oct 2022
Sprint-2	26	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	9	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	13	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

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)

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

NOTE:Velocity and Burndown chart to be updated after completion of sprints