Project Planning Phase

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

Date	19 November 2023
Team ID	591850
Project Name	Deep learning for Eye Disease Prediction
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-1	As a user, I want to register an account to access the eye disease prediction system.	23	High	Rahul , Tejaswini
	Image Uploadation	USN-2	As a user, I want to upload eye images for analysis.	5	High	Rahul,Tejaswini
	Eye Health Monitoring	USN-3	As a user, I want to view the prediction results and understand the likelihood of having an eye disease.	7	Medium	Kesava kumar, Suchitha
Sprint-2	Login	USN-4	As a doctor, I want to log in to the system to access patient data securely.	25	High	Rahul ,Tejaswini
	Treatment Planning	USN-5	As a doctor, I want to review patient history and eye images for diagnosis.	10	Medium	Rahul,Tejaswini
Sprint-3	Model Development	USN-6	Improving a Machine Learning Model for Eye Disease Prediction.	30	Medium	Kesava Kumar,Suchitha

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	35	6 days	1-11-2023	6-11-2023	35	6-11-2023
Sprint-2	35	7 days	7-11-2023	13-11-2023	30	14-11-2023
Sprint-3	30	7 days	14-11-2023	20-11-2023	30	20-11-2023

Velocity:

velocity=(35)/5=7
velocity=(30)/5=6
velocity=(30)/5=6

AV=35+30+30\6+6+7
=5

Burndown Chart:

- Duration: 6 dys
- Sprint Backlog: 6 tasks
- Velocity: 12 available hours

Step 1 – Create Estimate Effort

Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
12	10	8	6	4	2	0

Step 2 – Track Daily Process

Task	Hours	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Total Hours
Task1	2	1	0	0	0	0	1	2
Task 2	2	0	1	0	0	1	0	2
Task 3	1	1	0	0	0	0	0	1
Task 4	2	0	0	2	0	0	0	2
Task 5	3	0	0	0	3	0	0	3
Task 6	2	0	2	0	0	0	0	3

Step 3 – Compute the Actual Effort

	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Actual effort	12	10	8	6	4	2	0
Remaining effort	12	10	7	5	2	1	0

Step 4 – Obtain the Final Dataset

	Day 0	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Actual effort	12	10	8	6	4	2	0
Remaining effort	12	10	7	5	2	1	0

Step 5 – Plot the Burndown using the Dataset