Project Planning Phase

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

Date	02 November, 2022
Team ID	PNT2022TMID02120
Project Name	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 using government certified IDs.	6	High	Dharshini SS
Sprint-1	Authentication	USN-2	As a user, I will authenticate using ID credentials.	8	High	Deepika, Deepak
Sprint-1	Login	USN-3	With the credentials the user can login easily.	6	Low	Dhanalakshmi
Sprint-2	Training the system	USN-4	Model is trained with all different images of diabetic retinopathy and in different dimensions.	10	Medium	Dharshini SS, Deepika
Sprint-2	Implementation	USN-5	The model is implemented to check its working and accuracy.	10	Medium	Dhanalakshmi,

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Deepak
Sprint-3	Classification	USN-6	Classify the images into Normal images and DR images	10	High	Deepika, Deepak
Sprint-3	Prediction	USN-7	Predict the output of which DR level will be the output	10	High	Dhanalakshmi, Dharshini SS
Sprint-4	Final Output	USN-8	On accurate detection of diabetic retinopathy in early time will be save the eye-vision	10	High	Deepika, Dhanalakshmi
Sprint-4	Controls and has overview of entire process	USN-9	The customer needs are checked and satisfied. Handle any sort of emergency and get it fixed.	5	Medium	Deepak
Sprint-4	Database	USN-10	All the past datas are collected and stored for future reference.	5	Low	Dharshini SS

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	20	7 Days	24 Oct 2022	29 Oct 2022	20	30 Oct 2022
Sprint-2	20	7 Days	31 Oct 2022	05 Nov 2022	20	06 Nov 2022
Sprint-3	20	7 Days	07 Nov 2022	12 Nov 2022	20	13 Nov 2022
Sprint-4	20	7 Days	14 Nov 2022	19 Nov 2022	20	20 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)

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

Average velocity(AV)= 20/7=2.85

Burndown 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.

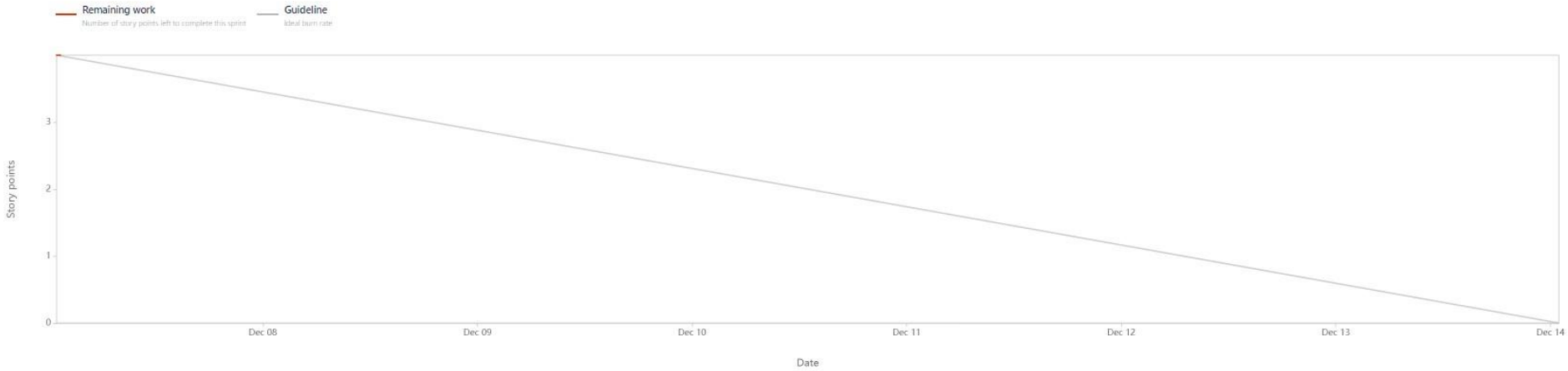
Sprint burndown chart

How to read this report

Sprint: DLFIAFED Sprint 4

Estimation field: Story points

Date - November 14th, 2022 - November 21st, 2022



Report: DLFIAFED Sprint 4

*Issue added after sprint start

Scope changes log

Date	Key	Summary	Issue type	Epic	Details of scope change	Change in estimation

Empty