Project Planning Phase

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

Date	**10 November 2022**
Team ID	**PNT2022TMID00692**
Project Name	**A Gesture - Based Tool for Sterile Browsing of Radiology Ideations Images**
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	**Data Collection**	USN-1	Download the Dataset	10	High	Swathi S
Sprint-1		USN-2	Image Pre-processing(Import the library, Image preprocessing, Configure ImageDataGenerator, Apply image generator functionality)	10	High	ShanmugaPriyaa B

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	**Website Building**	USN-3	Create HTML pages	10	High	Manju S
Sprint-2		USN-4	Build Python code	10	High	Chennareddy Sushmitha Reddy
Sprint-2		USN-5	Run the application	10	High	Andhi B
Sprint-3	**Model Building**	USN-6	Import the model building libraries and initialize the model	10	High	Swathi S
Sprint-3		USN-7	Adding CNN layers and Dense layers	10	High	ShanmugaPriyaa B
Sprint-3		USN-8	Configure the learning process	10	High	Manju S
Sprint-3		USN-9	Train test and save the model	10	High	Chennareddy Sushmitha Reddy
Sprint-4	**Train The Model on IBM**	USN-11	Register for IBM Cloud	10	High	Andhi B
Sprint-4		USN-12	Train the Model and Test the Model and its Overall Performance	10	High	Swathi S

Project Tracker, Velocity & Burndown Chart: (4 Marks)

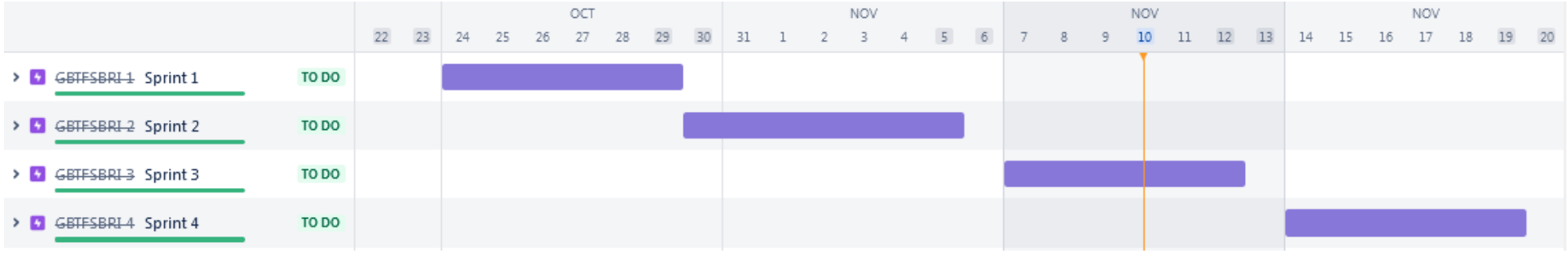
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	10	6 Days	24 Oct 2022	29 Oct 2022	10	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	10	6 Days	07 Nov 2022	12 Nov 2022	10	12 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022	10	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)

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

Road Map:


OCT
NOV
NOV
NOV
22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
GBTFSBRI-1 Sprint 1 TO DO
GBTFSBRI-2 Sprint 2 TO DO
GBTFSBRI-3 Sprint 3 TO DO
GBTFSBRI-4 Sprint 4 TO DO