Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Team ID	PNT2022TMID18715
Project Name	A Gesture based Tool for Sterile Browsing of Radiology 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	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.	High	Lokeshwaran, Prabu
		USN-2	As a user, I will receive confirmation email once I have registered for the application	High	Lokeshwaran, Naveen
		USN-3	As a user, I can register for the application through Facebook	Low	Mukilarasan
		USN-4	As a user, I can register for the application through Gmail	Medium	Prabu
Sprint 2	Login	USN-5	As a user, I can log into the application by entering email & password	High	Lokeshwaran, Mukilarasan
	Dashboard	USN-6	As a user, I can view my profile and update my details	Medium	Naveen

		USN-7	As a user, I can view all images uploaded	High	Lokeshwaran, Prabu
		USN-8	As a user, I can change my password	High	Mukilarasan, Naveen
Sprint-3	Image Capturing	USN-9	As a user, I can capture images of hand gestures made by me	High	Lokeshwaran, Prabu
	Image Processing	USN-10	In the application, the captured images are processed to identify the hand gesture	High	Lokeshwaran
	Data Storage	USN-11	In the application radiology images uploaded by the user are stored using a database	High	Lokeshwaran, Naveen
Sprint-4	Sterile Browsing	USN-12	Depending on the different gesture inputs different operations are performed on the input image	High	Naveen , Mukilarasan
	Displaying the operations performed	USN-13	Once the model analyses the gesture, the prediction with operation applied on the image is showcased on the user interface	High	Lokeshwaran

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

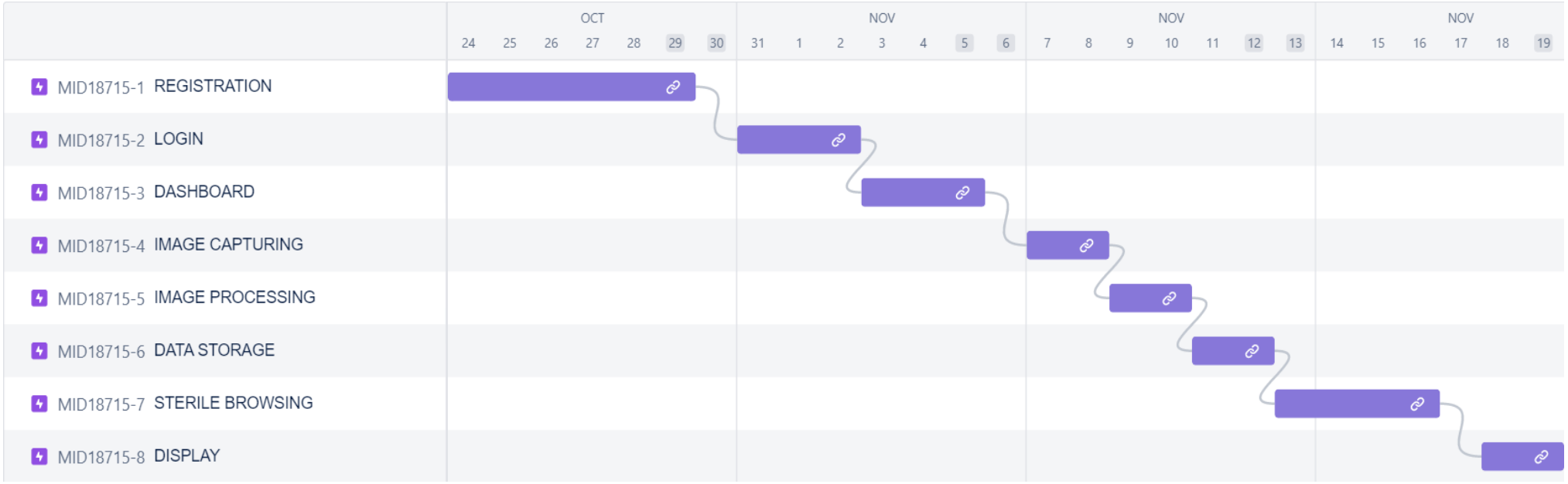
Sprint	Total Story Points	Duration	Story Points Completed (as on Planned End Date)
Sprint-1	20	6 Days	20
Sprint-2	20	6 Days	20
Sprint-3	20	6 Days	20
Sprint-4	20	6 Days	20

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)

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

Roadmap: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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
MID18715-1 REGISTRATION
MID18715-2 LOGIN
MID18715-3 DASHBOARD
MID18715-4 IMAGE CAPTURING
MID18715-5 IMAGE PROCESSING
MID18715-6 DATA STORAGE
MID18715-7 STERILE BROWSING
MID18715-8 DISPLAY