Project Planning Phase

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

Date	25 October 2022
Team ID	PNT2022TMID21746
Project Name	University Admit Eligibility Predictor
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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 through email, password.	5	High	Balaji A
Sprint-1		USN-2	As a user, I can register for the application through Gmail	2	Low	Archanaa SA
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	2	Medium	Dinesh K
Sprint-2	Dashboard	USN-4	As a user, I can give my details to know my eligibility percentage	3	High	Archanaa SA
Sprint-1		USN-5	As a user, I can view my profile	2	Medium	Gautham R
Sprint-3	Feedback	USN-6	As a user, I should able to provide feedback	2	Low	Balaji A
Sprint-2	Search	USN-7	As a user, I can search for new university details	5	Medium	Dinesh K
Sprint-2		USN-8	As a admin, I should store data of an individual user.	3	High	Balaji A
Sprint-3		USN-9	As a admin, I should clean and preprocess data	5	High	Archanaa SA
Sprint-3		USN-10	As a user, I should train and test the dataset	5	High	Dinesh K
Sprint-3		USN-11	As a user, I can chat with expert for suggestion	7	Medium	Gautham R
Sprint-4		USN-12	As a admin, I should predict the result	3	High	Balaji A
Sprint-4		USN-13	As a admin, I should connect all tier using python flask	3	High	Archanaa SA
Sprint-4	Predict	USN-14	As a user, I can get the universities predict	2	High	Dinesh K
Sprint-2		USN-15	As a user, I should able to search university	5	High	Gautham R

Project Tracker, Velocity :(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	11	6 Days	24 Oct 2022	29 Oct 2022	11	30 Oct 2022
Sprint-2	16	6 Days	31 Oct 2022	05 Nov 2022	16	06 Nov 2022
Sprint-3	19	6 Days	07 Nov 2022	12 Nov 2022	19	13 Nov 2022
Sprint-4	8	6 Days	14 Nov 2022	19 Nov 2022	8	20 Nov 2022

Velocity:

$$\text{Sprint } 1 = \text{Av} = \frac{Sprint\ duration}{\text{Velocity}} = \frac{11}{4} = 2.7$$

$$\text{Sprint } 2 = \text{Av} = \frac{Sprint\ duration}{\text{Velocity}} = \frac{16}{4} = 4$$

$$\text{Sprint } 3 = \text{Av} = \frac{Sprint\ duration}{\text{Velocity}} = \frac{19}{4} = 4.7$$

$$\text{Sprint } 4 = \text{Av} = \frac{Sprint\ duration}{\text{Velocity}} = \frac{8}{3} = 2.6$$