Project Planning Phase

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

Date	12 November 2022
Team ID	PNT2022TMID52898
Project Name	Project – University Admit Eligibility Predictor
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	Exploratory Data Analysis	USN-7	Visualizing the dataset and analysing the various trends.	2	High	Bharath R, Daniel Mark Isaac
Sprint-1	Model Building	USN-7	Developing a ML model to predict the chance of admission using the dataset	1	High	Bharath R, Daniel Mark Isaac
Sprint-2	Application Building	USN-3	After login user can update their profile and start predicting their chance of admission	2	Medium	Bharath R, Deepakh Sharan D P
Sprint-2		USN-5 USN-6	Can see top predictions and past predictions	2	Medium	Bharath R, Deepakh Sharan D P
Sprint-3	Registrstion	USN-1	A user can register to the web app using email and password.	1	Low	Deepakh Sharan D P, Jaswandt Raja S
Sprint-3	Login	USN-2	After registering, user can login to view his/her account.	1	Low	Deepakh Sharan D P, Jaswandt Raja S
Sprint-4	IBM Watson Deployment	USN-8	Integrating our application with IBM cloud and deploying it.	2	Medium	Daniel Mark Isaac, Jaswandt Raja 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	20	6 Days	24 Oct 2022	29 Oct 2022	20	15 Nov 22
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	16 Nov 22
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	17 Nov 22
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	18 Nov 22

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)

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