Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID35181
Project Name	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	Registration and login	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	2
Sprint-1	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	Medium	1
Sprint-2	Admin Authorization	USN-3	As an admin, I can authorize user accounts and let them access the services	3	High	2
Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail and upload mark statements	2	Medium	3
Sprint-3	University Details Addition	USN-5	As an admin, I can feed the Universities' data and statistics into the model	3	High	1
Sprint-3	User Details	USN-6	As a user, I can enter my details to be fed into the model	3	High	4
Sprint-2	University search	USN-7	As a user, I can search for the Universities that I want to join	3	Medium	3
Sprint-4	Prediction Results	USN-8	As a user, I can view the results of my admission prediction	5	High	4

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	5	6 Days	24 Oct 2022	29 Oct 2022	5	1/Nov/2022
Sprint-2	6	6 Days	31 Oct 2022	05 Nov 2022	6	8/Nov/2022
Sprint-3	6	6 Days	07 Nov 2022	12 Nov 2022	6	16/Nov/2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	23/Nov/2022

Velocity:

Imagine we have a 24-day sprint duration, and the velocity of the team is 20 in total (avg = . Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = Sprint\ Duration \div Velocity$$
$$= 24 / 20$$
$$= 1.2$$

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/
https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management
https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software
https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints
https://www.atlassian.com/agile/project-management/estimation
https://www.atlassian.com/agile/tutorials/burndown-charts