Project Planning Phase

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

Date	4 November 2022
Team ID	PNT2022TMID17997
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	Acceptance criteria	Story Points	Priority	Team members
Sprint - 1	Sign Up	USN - 1	As a user, I can sign up as a member using my mail id.	I can access my account.	20	High	Jeeva Regha. S
Sprint - 2	Login	USN - 2	As a user, I can login into my account using user id and password.	I can access my account.	20	High	Vidharsana. P
Sprint - 3	Dashboard	USN - 3	As a user, I can search for universities of my liking.	I can view the detail of the university of my choice.	10	High	Santhanalakshmi. J
Sprint - 3	Prediction	USN - 4	As a user, I can view my prediction output.	I can view the prediction result of the university of my choice.	10	High	Sanjana. M
Sprint - 4	Update	USN - 5	As a admin, I can update university details.	I can update all university details.	10	High	Sanjana. M, Santhanalakshmi. J
Sprint - 4	Dashboard	USN -6	As a admin, I can verify the user details	I can view user details.	10	Medium	Vidharsana. P, Jeeva Regha. 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	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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)

Sprint 1: 1 user story x 20 story points = 20

Sprint 2: 1 user story x 20 story points = 20

Sprint 3: 2 user story x 10 story points = 20

Sprint 4: 2 user story x 10 story points = 20

Total = 80

Average sprint velocity = 80 / 4 = 20

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.