PROJECT PLANNING

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

Date	29 October 2022
Team ID	PNT2022TMID53372
Project Name	University Admit Eligibility Prediction System
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	Interaction	USN-1	As a user, I can interact with the application by entering the Web site link.	3	High	2
Sprint-2	Choose university	USN-2	As a user, I will be able to view the list of University that the students are eligible to apply	4	Medium	4
Sprint-2	Choose course	USN-3	As a user, I will be able to view the details of Admission process like date and venue of certification verification	2	Medium	1
Sprint-3	Admission process	USN-4	As a user, I will be able to view the list of courses that the students are eligible to apply	3	High	3
Sprint-3	Prediction	USN-5	As a admin, I can test the trained machine learning model by analyzing the user details by machine learning Algorithms.	3	High	3
Sprint-4	Output	USN-6	As a admin, I can upload the confirmation of user for the prediction into the database.	2	High	4

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

Sprint	Total Story Points	Duration	Sprint Start Data	Sprint End Date(Planned)	Story Points Completed(as on Planned End Date)	Sprint Release Date(Actual)
Sprint-1	20	5 Days	29 Oct 2022	04 Nov 2022	20	03 Nov2022
Sprint-2	20	4 Days	04 Oct 2022	08 Nov 2022	20	07 Nov 2022
Sprint-3	20	4 Days	08 Nov 2022	11 Nov 2022	20	10 Nov 2022
Sprint-4	20	4 Days	11 Nov 2022	14 Nov 2022	20	13 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).

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

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