Project Planning Phase-(Product Backlog, Sprint Planning, Stories, Story point)

Date	25 October 2022
Team ID	PNT2022TMID27859
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	itinerary	USN-1	To understand using the detailed description provided.	1	Low	Ahamed Basheer M
Sprint-1	Data analysis	USN-2	To perform Performance of data visualization using matplotlib	2	Medium	Ahamed Basheer M
Sprint-1	Registration	USN-3	As a user, I can register for the application and log in using email	3		
Sprint-2	Web development	USN-3	To Develop a web page using stream-lit with pickle file.	5	High	Aishwarya DP
Sprint-2	Model integration	USN-4	To perform Integration modes using regression methods	8	High	Ahamed Basheer M
Sprint-3	Web App Hosting	USN-5	Connect the Git-hub repo & branch to the stream-lit cloud platform and set up CI-CD to automatically deploy new changes that's pushed to the repo.	8	High	Lokesh M
Sprint-3	Model deployment	USN-6	Register in IBM cloud. Use IBM Watson ML service and IBM Watson Studio to deploy the Multiple Linear Regression Model. Test the deployment model with few examples	5	High	Amreen Taj MA
Sprint-4	Resource Page	USN-7	Testing the application	8	Medium	Amreen Taj MA
Sprint-4	Results	USN-8	As a user, I can view the results predicted by the application	5	High	Lokesh M

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 Nov 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

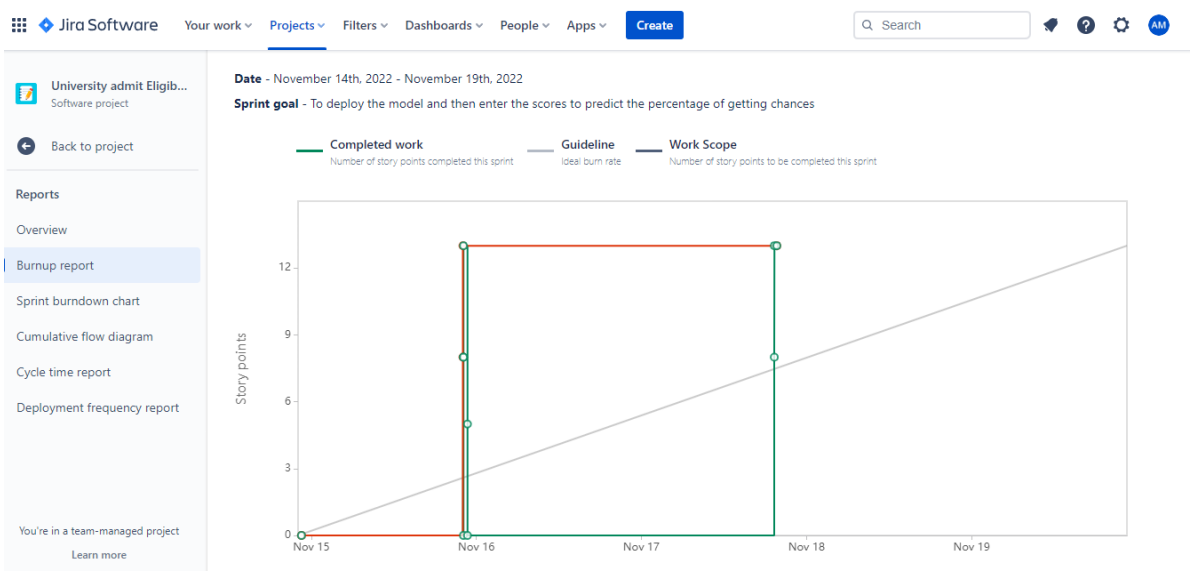
Velocity:

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)

AVERAGE VELOCITY = Total Story Points/No of sprints = 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.



Reference:

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