Project Planning Phase

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

Date	25 October 2022
Team ID	PNT2022TMID23375
Project Name	Project - Analytics for Hospitals Health-Care Data
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	Register	USN-1	As a Admin, I can register users and provide username and password. (Data collection process)	10	Medium	Prasanth.M
Sprint-1	Login	USN-1	(Data Exploration and Visualization)	20	High	Inayathullah.S
Sprint-2	Dashboard	USN-2	To Create a Interactive Dashboard. Display the Insights in the Dashboard	10	High	Uday Sankar.M Indiran.B
Sprint-2	Dashboard	USN-3	Construct a Standardized Data Set and use the needed data with the Assistance of a Python Program	10	High	Inayathullah.S Uday Sankar.M
Sprint-3	Dashboard	USN-4	Use of different algorithm with Google Colab to achieve the desired result with more accuracy.	20	High	Prasanth.M
Sprint-4	Virtualize	USN-5	Making the output simpler to understand and more efficient. Deployed in the Github.	20	High	Inayathullah.S Prasanth.M

Project Tracker, Velocity & Burn down 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

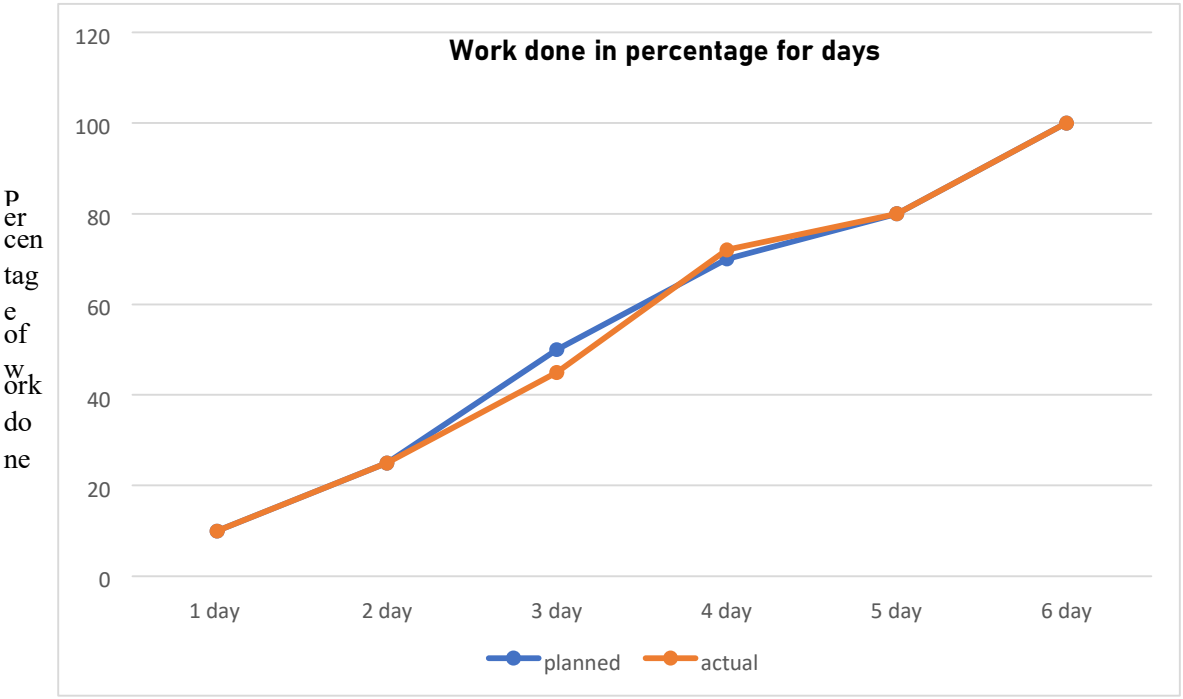
Velocity:

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)

AV= SPRINT DURATION/VELOCITY =20/10=2

Burn down 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.


Work done in percentage for days
Percentage of work done
120
100
80
60
40
20
0
1 day
2 day
3 day
4 day
5 day
6 day
planned
actual