Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID22626
Project Name	Project - Data Analytics for DHL Logistics Facilities
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	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	8	High	Yashwanth M Dhanush D
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	8	High	Hariharan K Vasantharaja
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Yashwanth M Hariharan K
Sprint-1		USN-4	As a user, I can register for the application through Gmail	4	Medium	Hariharan K Vasantharaja
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	10	High	Dhanush D Vasantharaja
Sprint-2	Dashboard	USN-6	As a user, I can view City Wise DHL Deliveries of the given dataset	8	Medium	Hariharan K
Sprint-3		USN-7	As a user, I can view Top N Deliveries State and City of the given dataset	10	Medium	Vasantharaja
Sprint-3		USN-8	As a user, I can view Top 3 State Deliveries of the given dataset	10	High	Dhanush D
Sprint-4		USN-9	As a user, I can view Summary and Bar Chart of Deliveries using the given dataset	10	High	Vasantharaja
Sprint-4		USN-10	As a user, I can view Dashboard of Delivery stats using the given dataset	10	High	Yashwanth M Dhanush D

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)

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

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.