Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID01215
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	Yuvan Bala B Vishnu Varshan S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	8	High	Selva Ganesh R Vigneshwar V
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Yuvan Bala B Vishnu Varshan S
Sprint-1		USN-4	As a user, I can register for the application through Gmail	4	Medium	Selva Ganesh R Vigneshwar V
Sprint-2	Login	USN-5	As a user, I can log into the application by entering email & password	10	High	Yuvan Bala B Vishnu Varshan S
Sprint-2	Dashboard	USN-6	As a user, I can view City Wise DHL Deliveries of the given dataset	8	Medium	Yuvan Bala B
Sprint-3		USN-7	As a user, I can view Top N Deliveries State and City of the given dataset	10	Medium	Vishnu Varshan S
Sprint-3		USN-8	As a user, I can view Top 3 State Deliveries of the given dataset	10	High	Selva Ganesh R
Sprint-4		USN-9	As a user, I can view Summary and Bar Chart of Deliveries using the given dataset	10	High	Vigneshwar V

Sprint-4		USN-10	As a user, I can view Dashboard of Delivery stats using the given dataset	10	High	Yuvan Bala B Vishnu Varshan 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:

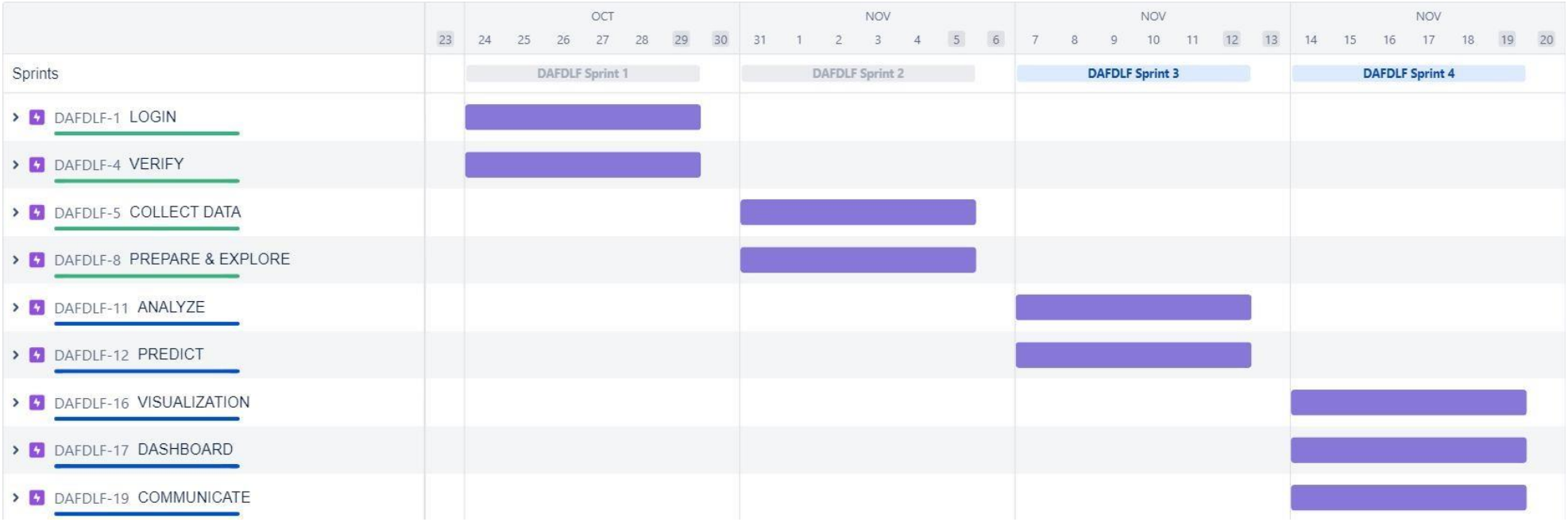
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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

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

as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.


OCT
NOV
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NOV
23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Sprints
DAFDLF Sprint 1
DAFDLF Sprint 2
DAFDLF Sprint 3
DAFDLF Sprint 4
DAFDLF-1 LOGIN
DAFDLF-4 VERIFY
DAFDLF-5 COLLECT DATA
DAFDLF-8 PREPARE & EXPLORE
DAFDLF-11 ANALYZE
DAFDLF-12 PREDICT
DAFDLF-16 VISUALIZATION
DAFDLF-17 DASHBOARD
DAFDLF-19 COMMUNICATE