Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID12176
Project Name	Project – DemandEst - AI Powered Food Demand Forecaster
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.	2	High	SUREENDHAR STEFFIGRAF GOWTHAM PRASHANTH
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	SUREENDHAR STEFFIGRAF GOWTHAM PRASHANTH
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	SUREENDHAR STEFFIGRAF GOWTHAM PRASHANTH
Sprint-2		USN-4	As a user, I can register for the application through Gmail	2	Medium	SUREENDHAR STEFFIGRAF GOWTHAM PRASHANTH
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	SUREENDHAR STEFFIGRAF GOWTHAM PRASHANTH
Sprint-1	Dashboard	USN-6	As a user, I can access the services and information provided in the dashboard	2	High	SUREENDHAR STEFFIGRAF GOWTHAM PRASHANTH

Sprint-1	Login	USN-7	As a user, I can log into the web application and access the dashboard	1	High	SUREENDHAR STEFFIGRAF GOWTHAM PRASHANTH
Sprint-4	Helpdesk	USN-8	As a user, I can get the guidance from the customer care	1	High	SUREENDHAR STEFFIGRAF GOWTHAM PRASHANTH
Sprint	**Functional Requirement (Epic)**	**User Story Number**	**User Story / Task**	**Story Points**	**Priority**	**Team Members**
Sprint-3	Management	USN-9	As an administrator, I can collect new datasets and keep the model trained	2	High	SUREENDHAR STEFFIGRAF GOWTHAM PRASHANTH
Sprint-3		USN-10	As an administrator, I can update other features of the application	2	Medium	SUREENDHAR STEFFIGRAF GOWTHAM PRASHANTH
Sprint-3		USN-11	As an administrator, I can maintain the information about the user	2	Medium	SUREENDHAR STEFFIGRAF GOWTHAM PRASHANTH
Sprint-4		USN-12	As an administrator, I can maintain third-party services	1	Low	SUREENDHAR STEFFIGRAF GOWTHAM PRASHANTH

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	7	6 Days	24 Oct 2022	29 Oct 2022	7	29 Oct 2022
Sprint-2	4	6 Days	31 Oct 2022	05 Nov 2022	4	05 Nov 2022
Sprint-3	6	6 Days	07 Nov 2022	12 Nov 2022	6	12 Nov 2022
Sprint-4	2	6 Days	14 Nov 2022	19 Nov 2022	2	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

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

AV (Sprint 1) = 7/6 = 1

AV (Sprint 2) = 4/6 = 1

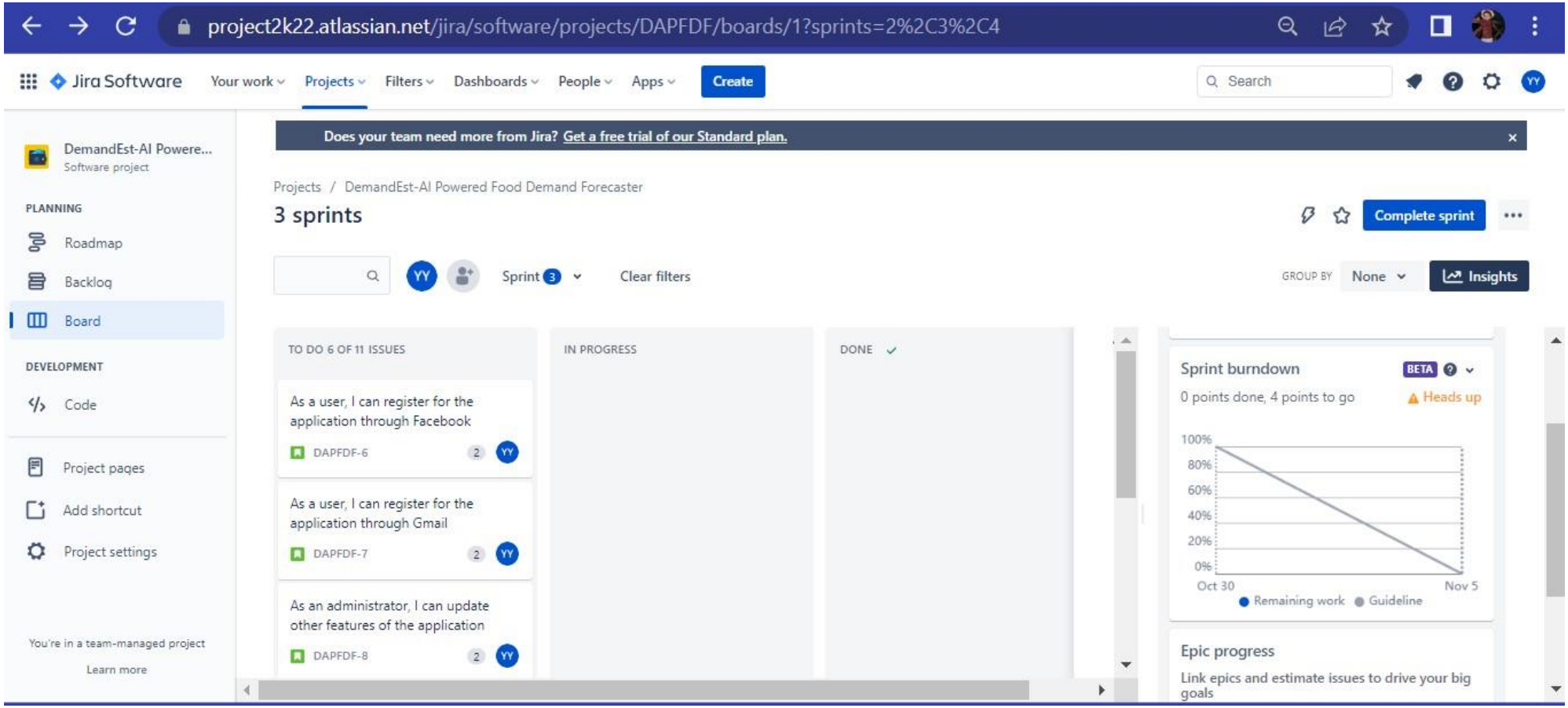
AV (Sprint 3) = 6/6 = 1

AV (Sprint 4) = 2/6 = 1

AV (Total) = 21/24 = 1

Burndown Chart:

A burndown 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.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3 sprints
Complete sprint
Sprint 3
Clear filters
GROUP BY
None
Insights
TO DO 6 OF 11 ISSUES
IN PROGRESS
DONE
As a user, I can register for the application through Facebook
DAPFDF-6
As a user, I can register for the application through Gmail
DAPFDF-7
As an administrator, I can update other features of the application
DAPFDF-8
Sprint burndown
BETA
0 points done, 4 points to go
Heads up
100%
80%
60%
40%
20%
0%
Oct 30
Nov 5
Remaining work
Guideline
Epic progress
Link epics and estimate issues to drive your big goals