Project Planning Phase

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

Date	28 October 2022
Team ID	592447
Project Name	AIRLINE REVIEW CLASSIFICATION USING ML
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	Data Collection and Preprocessing	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	Data Science Team
Sprint-1	Data Collection and Preprocessing	USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Data Science Team
Sprint-2	Model Development and Training	USN-3	As a user, I can register for the application through Facebook	8	Low	Data Science Team
Sprint-2	Model Development and Training	USN-4	As a user, I can register for the application through Gmail	5	Medium	Data Science Team
Sprint-3	Software Development	USN-5	As a user, I can log into the application by entering email & password	5	High	Development Team
Sprint-3	Software Development	USN-6	As a developer, I can set up a database to store model results.	3	Medium	Development Team

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	18	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	19	12 Nov 2022

Velocity:

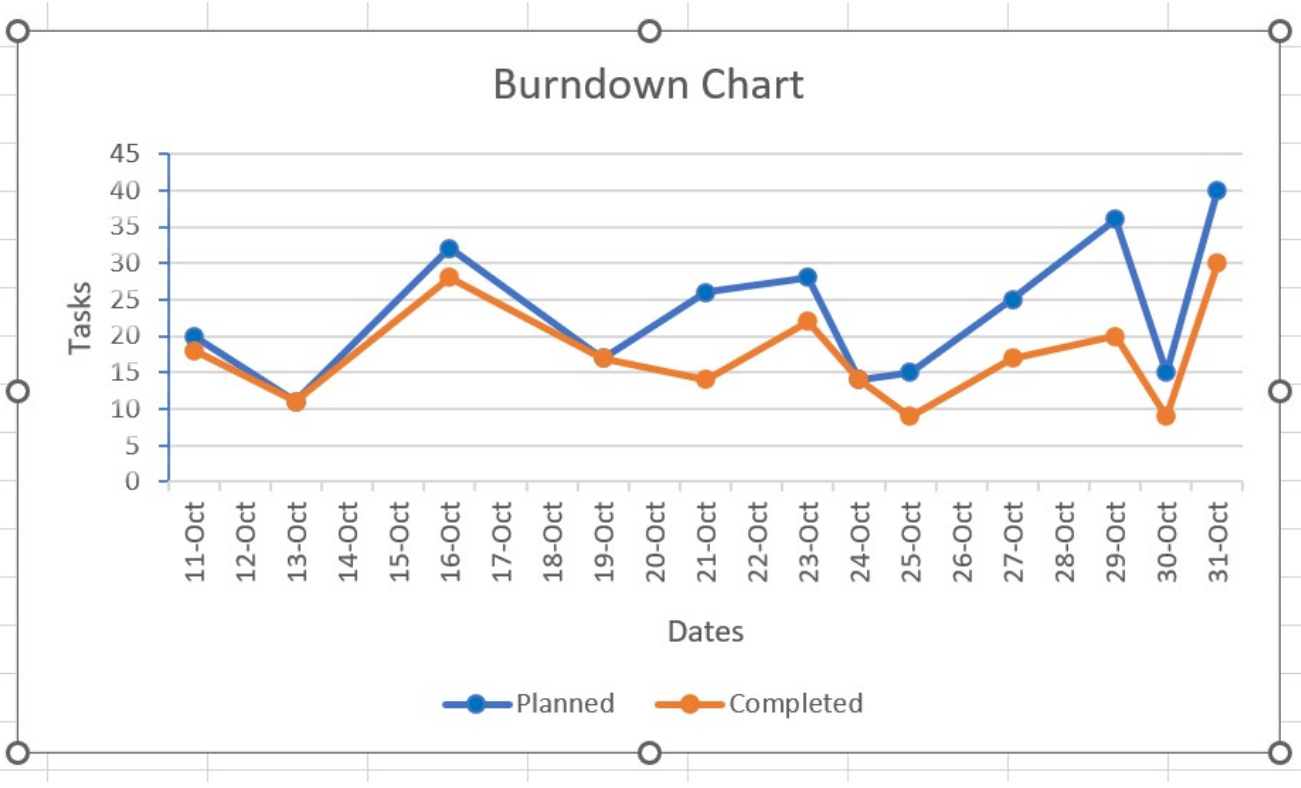
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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

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.

Dates	Planned	Completed
11-Oct	20	18
13-Oct	11	11
16-Oct	32	28
19-Oct	17	17
21-Oct	26	14
23-Oct	28	22
24-Oct	14	14
25-Oct	15	9
27-Oct	25	17
29-Oct	36	20
30-Oct	15	9
31-Oct	40	30



KAN board

R

TO DO 4

Create tasks or issues for the project's backlog. These tasks could include things like data collection, data preprocessing, model selection, feature engineering, and more.

KAN-1

Prioritize the tasks by their importance and dependencies. Critical tasks should be at the top.

KAN-2

Assign these tasks to team members responsible for completing them.

KAN-3

Add details to each task, such as descriptions, acceptance criteria, and any related documents or resources.

KAN-4

+ Create issue

IN PROGRESS 3

As team members start working on tasks, they should move them to the "In Progress" column.

KAN-5

Regularly update the status of tasks. If a task encounters delays or challenges, add comments explaining the situation and any necessary adjustments to the task's timeline or requirements.

KAN-8

You can use Jira's sub-tasks or checklists to break down complex tasks into smaller, manageable sub-tasks.

KAN-7

DONE 3

Once a task is completed, it should be moved to the "Done" column.

~~KAN-9~~

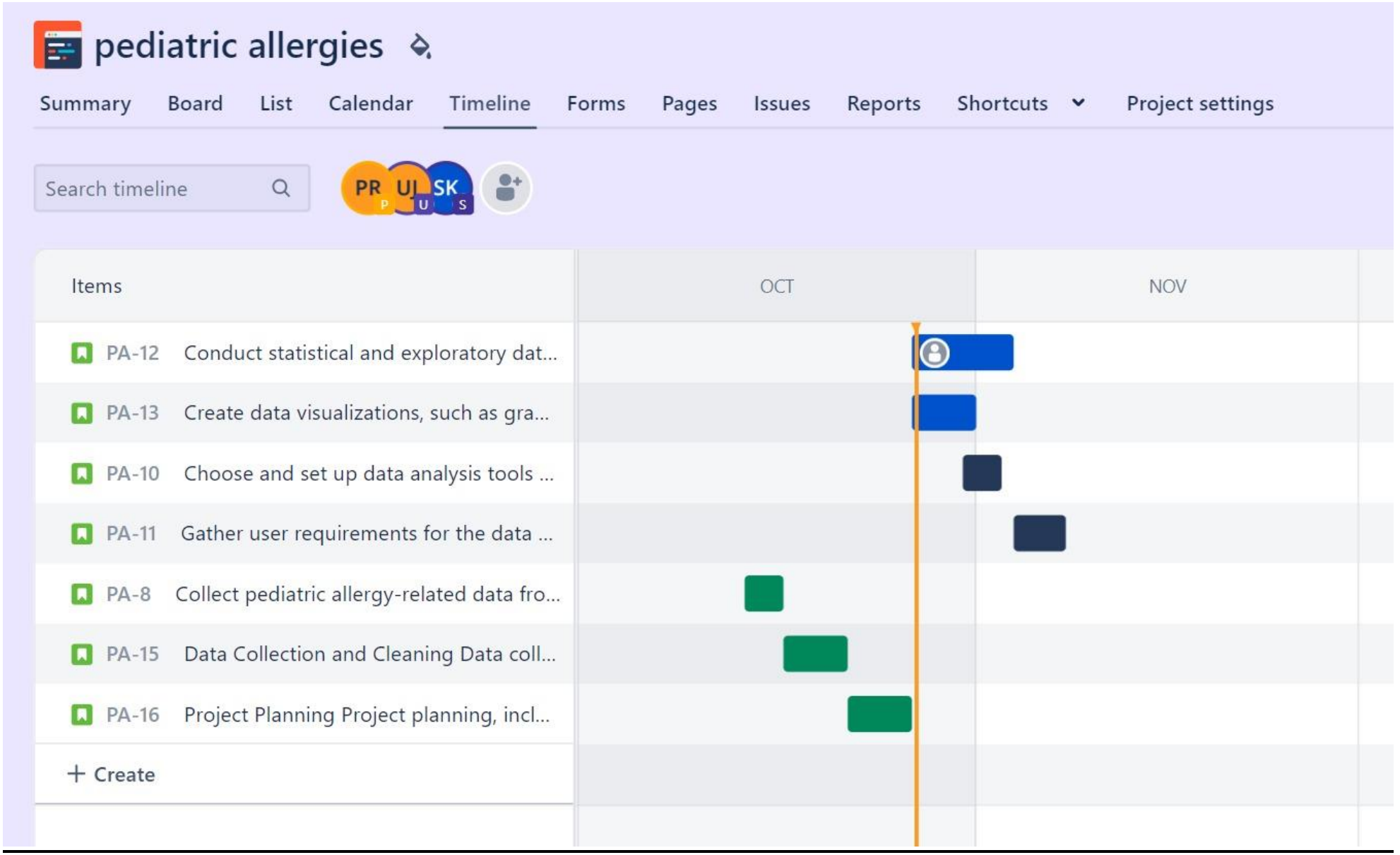
Ensure that the task's description is updated to reflect the work done, any results achieved, and any relevant notes.

~~KAN-10~~

Mark the task as resolved or closed, based on your workflow.

~~KAN-11~~

+ Create issue


pediatric allergies
Summary
Board
List
Calendar
Timeline
Forms
Pages
Issues
Reports
Shortcuts
Project settings
Search timeline
Items
OCT
NOV
PA-12 Conduct statistical and exploratory dat...
PA-13 Create data visualizations, such as gra...
PA-10 Choose and set up data analysis tools ...
PA-11 Gather user requirements for the data ...
PA-8 Collect pediatric allergy-related data fro...
PA-15 Data Collection and Cleaning Data coll...
PA-16 Project Planning Project planning, incl...
Create