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

Date	November 2 2023
Team ID	Team-592860
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	03-Nov 2023	9 NOV 2023	18	9 NOV 2023
Sprint-2	20	5 Days	9 NOV 2023	14 Nov 2023	20	14 Nov 2023
Sprint-3	20	3 Days	14 Nov 2023	17 Nov 2022	18	17 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
Nov-01	20	18
Nov-03	25	20
Nov-04	15	15
Nov-06	10	10
Nov-07	30	26
Nov-10	20	20
Nov-11	15	15
Nov-13	20	18
Nov-14	20	17
Nov-17	20	20

Chart Title

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