

Project Development Phase Model Performance Test

Date	8 November 2023
Team ID	591161
Project Name	Data-driven insights on Olympic sports for participation and performance
Maximum Marks	10 Marks

Model Performance Testing:

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	<p>No of Visualizations / Graphs -12 Graphs,3 Dashboards</p>

2.

Data Responsiveness

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	10	6 Days	18-10-2023	24-10-2023	10	24-10-2023
Sprint-2	10	6 Days	23-10-2023	29-10-2023	10	01-11-2023
Sprint-3	5	7 Days	27-10-2023	02-11-2023	5	03-11-2023
Sprint-4	15	7 Days	06-11-2023	12-11-2023	15	12-11-2023
Sprint-5	15	7 Days	09-11-2023	15-11-2023	15	15-11-2023

Average Velocity Calculation:

Average Velocity (AV) per iteration unit (story points per day) can be calculated by dividing the total story points completed by the total duration across all sprints.

Total Story Points Completed: 10 + 10 + 5 + 15 + 15 = 55

Total Duration: 6 + 6+7+ 7 + 7 = 33 days

Average Velocity (AV) = Total Story Points Completed / Total Duration

Average Velocity (AV) = 55 / 33 ≈ 1.67 story points per day

4.

Utilization of Data Filters

Medals Count=Gold,Silver,Bronze

5.

Effective User Story

No of Scene Added – 8

DrawRead aloudAsk Copilot5 of 5

User Stories :

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I want the data flow within the system to be efficient and responsive, ensuring quick access to the information I need.	I can access my account/dashboard	Low	Sprint-2
As an Olympic Organizing Committee member	Data sets	USN-2	I want to upload historical athlete and event data to the system so that it can be analysed and used for future planning.	Ensure that all uploaded data complies with data privacy regulations and guidelines.	High	Sprint-1
As a Researcher	Access to previous data	USN-3	I want to access athlete performance data from previous Olympic Games so that I can analyze trends and identify factors contributing to success.	The system should provide easy access to athlete performance data from past olympic games through a user friendly interface.	High	Sprint-1
As an Analyst	Access to real-time data websites	USN-4	I want to have access to real-time data feeds from ongoing Olympic events to provide up-to-date insights and reports.	The system should provide continuous low latency access to every data/athlete updates, and results with clear documentation for data sources.	Medium	Sprint-1
As an IOC official	Dashboard	USN-5	I want to be able to view interactive visualizations and dashboards that display medal counts, athlete profiles, and historical performance data for decision-making.	User friendly , interactive dashboards for viewing medal counts, athlete profiles and historical performance data across devices.	High	Sprint-1
As a Data engineer	Warehouse access	USN-6	I want to ensure that data is collected, transformed, and loaded accurately into the data warehouse, with validation checks in place.	Ensure data collection , transformation, and loading with validation checks	Medium	Sprint-1
As a project manager		USN-7	I want to ensure that the data flow diagram accurately represents the system's functionality, and that user requirements are met in the system design and development.	Confirm that the data flow diagram matches user requirements in system design and development.	High	Sprint 1
As a developer	APIs	USN-8	I want to create APIs for external systems to retrieve specific data, such as real-time event results or athlete profiles, for integration into their applications.		Medium	Sprint-1

6.

Descriptive Reports

No of Visualizations / Graphs – 1

https://us3.ca.analytics.ibm.com/bi/?pathRef=.my_folders%2FData%2Bmodules%2FReport%2FOlympic%2Bsport%2Breport&action=run&format=HTML&prompt=false