Ideation Phase
Brainstorm & Idea Prioritization Template

Date	18 October 2023
Team ID	Team-592736
Project Name	Octagon Oracle: Machine Learning-Powered UFC Fight Forecast
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

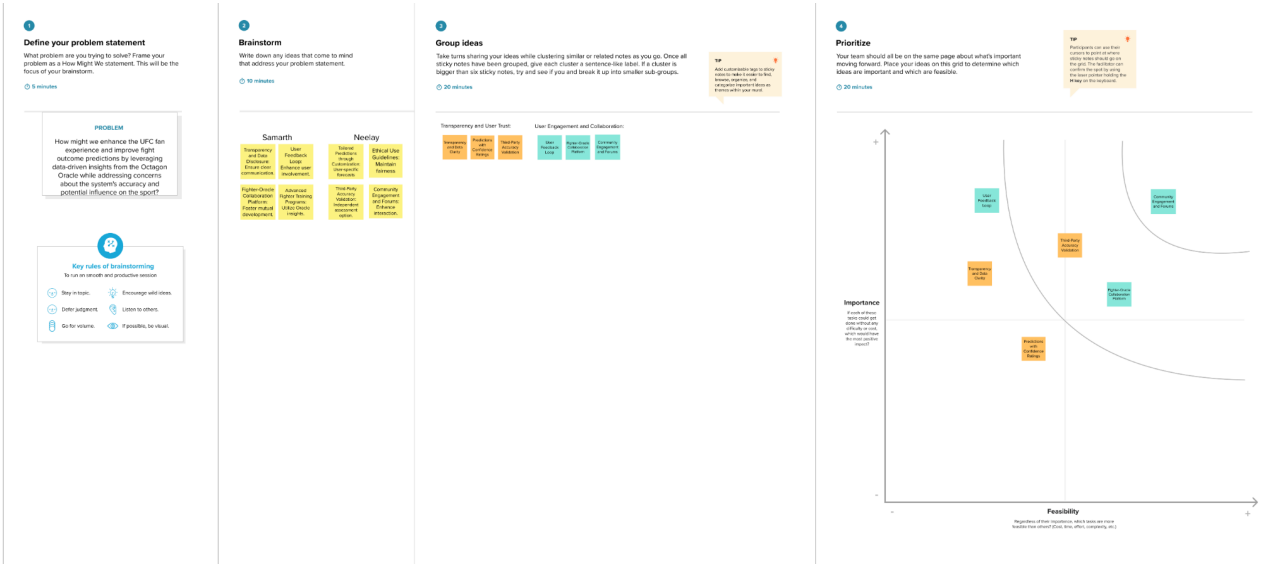
Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

Octagon Oracle: Machine Learning-Powered UFC Fight Forecast

The "UFC Data " dataset is a comprehensive collection of UFC fight data covering the years 2013 to 2019. This dataset was compiled and made available to the user for use in data analysis and machine learning projects. The dataset contains a wealth of information on each UFC fight, including the date and location of the fight, the names of the fighters, and a variety of statistics related to the fight itself. These statistics include information on the fighters' physical attributes such as height, weight, and reach, as well as detailed information on the fight itself, including the number of strikes thrown, takedowns attempted, knockdowns, and submissions. The dataset is organized into several tables, each containing specific information related to a particular aspect of the fight. For example, there is a table containing general information on each fight, such as the date and location, while another table contains detailed information on the fighters themselves, such as their weight, reach, and record. One of the key advantages of the "UFC Data" dataset is its comprehensive coverage of UFC fights from 2013 to 2019. With information on every fight during this time period, the dataset provides a wealth of data for analysis and modeling. This makes it an ideal resource for researchers and analysts interested in understanding the dynamics of the UFC and the factors that contribute to fighter success. Moreover, the dataset is well-structured and includes detailed information on each column, making it easy to understand the data structure and the relationships between the different variables. This, in turn, makes it easier to perform complex data analysis and machine learning tasks on the dataset, including predictive modeling and exploratory data analysis.

Team Members : Samarth Gakhar and Neelay Yadav.

Brainstorming:



Link:

https://app.mural.co/t/ufcproject8280/m/ufcproject8280/1697649530466/downloads/images?url=ufcproject8280%2F8a9ce1b5-49ad-4ccc-b9ea-6d39d32e6739%2FOctagon%20Oracle_2023-10-18_17-51-22.png