IDEATION PHASE

BRAINSTROM & IDEA PRIORITIZATION

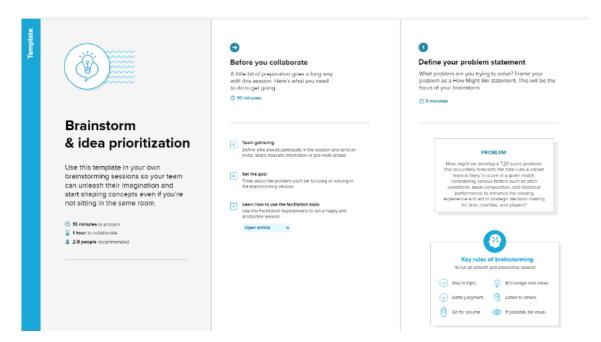| DATE	2023-11-10
TEAM ID	Team-591679
PROJECT NAME	T20 TOTALITARIAN: MASTERING SCORE PREDICTIONS
MAZIMUM MARKS	4 Marks

Brainstorm & Idea Prioritization

A brainstorming template is a structured framework designed to facilitate idea generation and problem-solving sessions. It typically comprises several key steps aimed at fostering creativity and encouraging participants to generate a multitude of ideas. The template begins by clearly defining the objective or problem to address. It sets ground rules, such as deferring judgment, emphasizing quantity over quality initially, and encouraging the building upon others' ideas. Warm-up activities may be incorporated to energize participants and create a conducive atmosphere for idea generation. Methods like free association, mind mapping, round-robin discussions, or brainwriting are employed to generate ideas collaboratively or independently. After gathering ideas, they're often categorized, organized, and evaluated to identify the most promising ones. Finally, the template guides the creation of an action plan, allocating responsibilities, setting timelines, and establishing follow-up sessions for review and adjustments. The template provides a structured approach while allowing flexibility to adapt to the specific needs and dynamics of the participants and the problem at hand. An Idea Prioritization Template is a structured approach used to assess and rank various ideas or solutions generated during brainstorming or problem-solving sessions. This template helps individuals or teams determine which ideas are most feasible, impactful, or aligned with the project goals.

BRAINSTROMING MAP

https://app.mural.co/t/t20scorepredictor7475/m/t20scorepredictor7475/1699377338137/ac95fbd44feaf1d4b12aeb32ed52342169452e44?sender=761d14d2-ac98-4344-bbc0-2e662d5bd1eb

Step-1: Team Gathering, Collaboration and Select the Problem Statement.

Step-2: Brainstorm, Idea Listing and Grouping

Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕐 10 minutes

Person 1

Using Multiple Regressors to find the best one	Creating an interface to visualize the predictions	Analyze the data to get Quality Information
Checking the impact of weather conditions	Analyzing the actions of the teams based on situation of team	Evaluate how teams perform in the last 4-5 overs.
Assess the batting and bowling strengths of both teams	Look for trends in the scoring rate and wicket taking ability.	Predictions according to fielding restrictions

Person 2

Do research about the previous works	Create a flowchart on how the process goes on	Restructure the raw data to the desired format
Measuring the importance of considering the pitch conditions	Analyzing case studies	Take note of the strategies each team employs
Consider the form and recent stats of key players	Run Rate Projection: Predict the score based on the run rate.	Consider how early wickets can impact the score.

Person 3

Visualization of the data acquired to get good predictions	Consider the most important features	Analyze the recent performances of the teams
Examine the Head-to-Head records of both the teams	Consider how teams tend to consolidate or accelerate their scoring	Analyze historical T20 matches at the specific ground
Look for trends or patterns in the data obtained	Check betting odds and expert predictions for insights.	

Person 5

Person 6

Person 7

Step-3: Idea Prioritization

4

Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

⏱ 20 minutes

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Feasibility

Restructure the new data to the desired format

Visualization of the data acquired to get good predictions

Analyze the data to get Quality Information

Creating an Interface to visualize the predictions

Using Multiple Regressors to find the best one

Look for trends in the scoring rate and wicket-taking ability

Consider the most important features

Create a flowchart on how the process goes on

Look for trends or patterns in the data obtained

Visualization of the data acquired to get good predictions

Analyze the recent performances of the teams

Consider how teams tend to consolidate or accelerate their scoring

Analyze historical T20 matches at the specific ground

Evaluate how teams perform in the last 4/5 overs

Take note of the strategies each team employs

Analyzing the actions of the teams based on situation of team

Do research about the previous works

Analyzing case studies

Predictions according to fielding restrictions

Consider the form and recent stats of key players

Analyze how teams have performed under pressure

Consider how early wickets can impact the score

Assess the batting and bowling strengths of both teams

Measuring the importance of considering the pitch conditions

Checking the impact of weather conditions

Examine the Head-to-Head records of both the teams

Run Rate Projection Predict the score based on the run rate