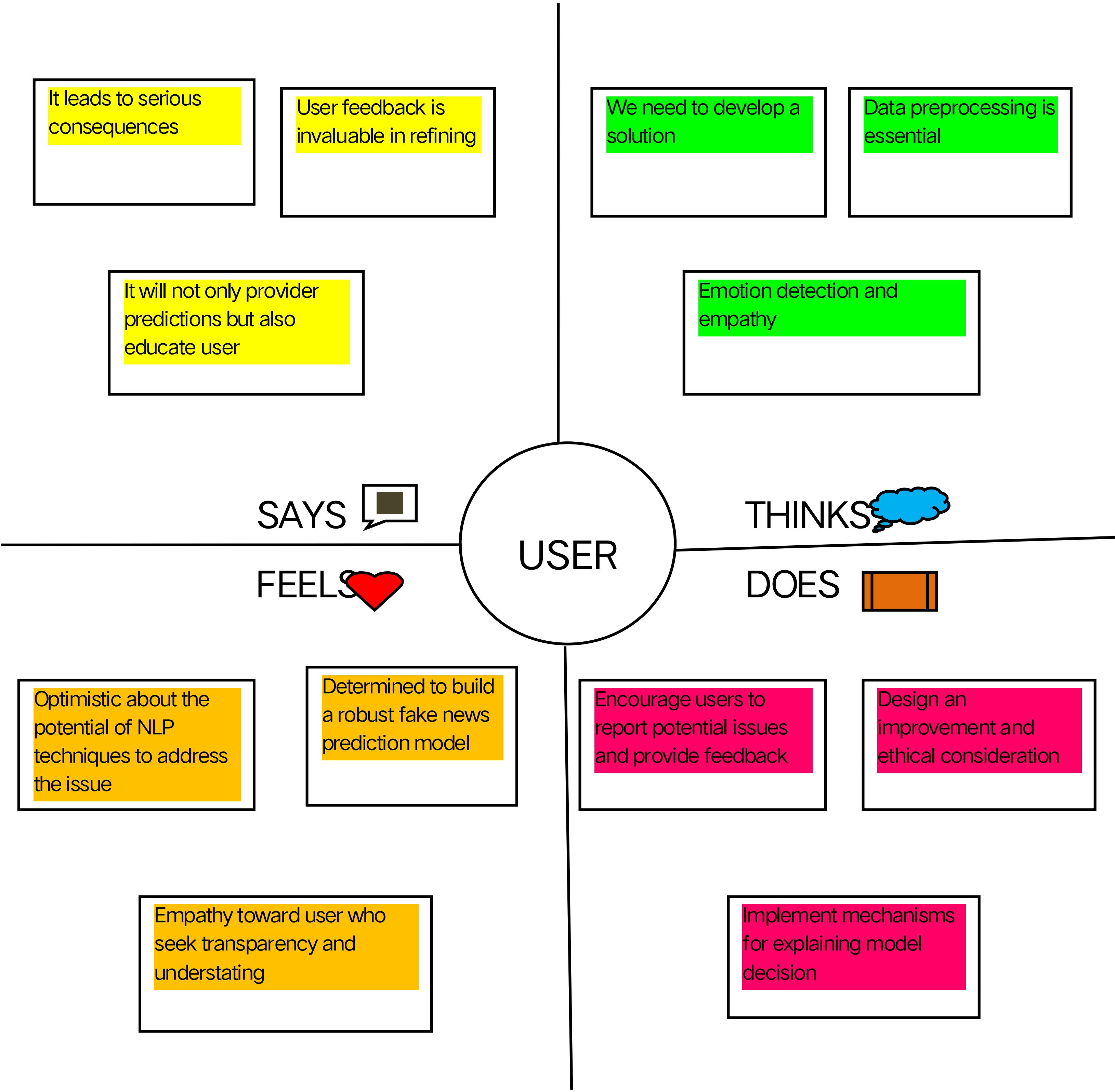


Ideation Phase Empathize and Discover

Date	30/09/2023
Team ID	5378
Project Name	Fake news prediction using NLP

► EXAMPLE :



IDEATION PHASE BRAINSTORMING

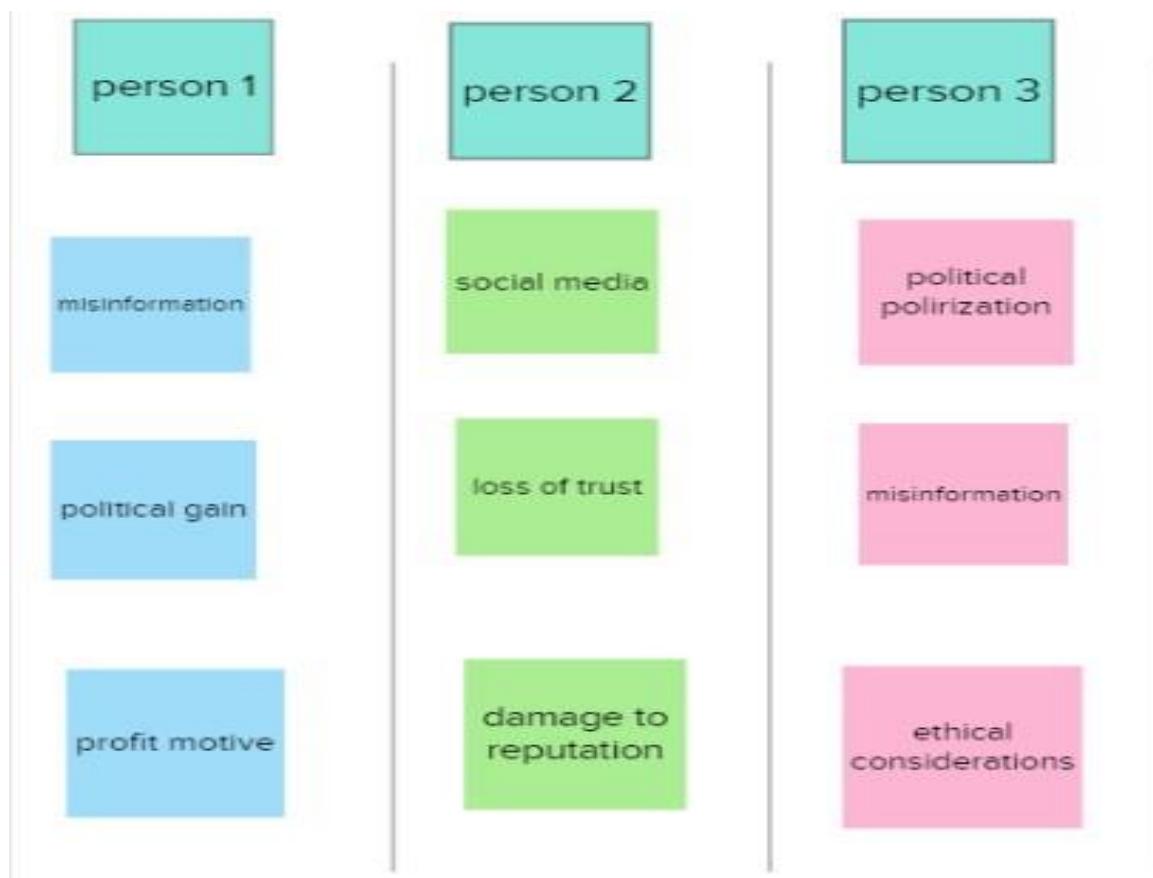
DATE	30/9/2023
TEAM ID	5378
PROJECT NAME	FAKE NEWS PREDICTION USING NLP

✓ PROBLEM DEFINITION:

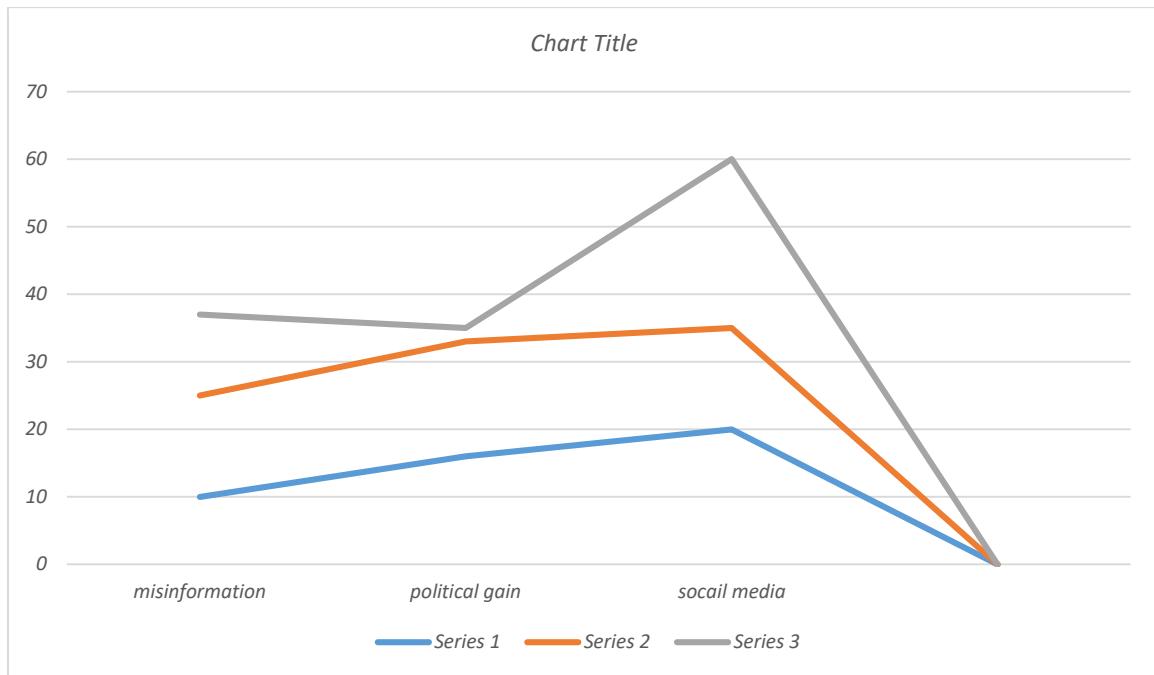
The problem is to develop a fake news detection model using a kaggle dataset . the goal is to distinguish between genuine and fake news article based on the titles and text . this project involves using natural language processing(NLP) techniques to preprocessing the text data , building a machine learning model for classification , and evaluating model performance.

- ❖ Defining problem statement and prioritizing idea based on project

✓ LISTING IDEAS:



✓ Priority ideas:



Ideation Phase

Define the Problem Statements

Date	30 September 2023
Team ID	5378
Project Name	Fake News Prediction Using NLP
Maximum Marks	5 Marks

Customer Problem Statement Template:

Data Collection and Preprocessing, User Interface and Education, Continuous Improvement and ethical considerations for fake news detection using NLP.

1. Data Collection and Preprocessing:

Says: "We'll gather a comprehensive dataset of news articles, real and fake, to train our model."

Thinks: "Data preprocessing is essential to ensure the quality of the dataset."

Feels: Motivated to ensure the accuracy and reliability of the data.

Does: Collects and cleans the data to prepare it for analysis.

2. User Interface and Education:

Says: "Our user interface will not only provide predictions but also educate users."

Thinks: "Empowering users with critical thinking skills is part of our mission."

Feels: Committed to enhancing media literacy.

Does: Design an informative and user-friendly interface.

3. Continuous Improvement and Ethical Considerations:

Says: "We'll continuously assess and mitigate potential biases in our model."

Thinks: "Ethical considerations are paramount in our efforts."

Feels: Responsible for ensuring fairness and inclusivity.

Does: Regularly update and improve the system, while actively addressing ethical concerns.

I am	Describe customer with 3-4 key characteristics - who are they?	Describe the customer and their attributes here
I'm trying to	List their outcome or "job" the care about - what are they trying to achieve?	List the thing they are trying to achieve here
but	Describe what problems or barriers stand in the way - what bothers them most?	Describe the problems or barriers that get in the way here
because	Enter the "root cause" of why the problem or barrier exists - what needs to be solved?	Describe the reason the problems or barriers exist
which makes me feel	Describe the emotions from the customer's point of view - how does it impact them emotionally?	Describe the emotions the result from experiencing the problems or barriers

Example:



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Data Collection and Preprocessing	We'll gather a comprehensive dataset of news articles, real and fake, to train our model.	Data preprocessing is essential to ensure the quality of the dataset.	Motivated to ensure the accuracy and reliability of the data.	Design an informative and user-friendly interface.
PS-2	User Interface and Education	Our user interface will not only provide predictions but also educate users.	Empowering users with critical thinking skills is part of our mission.	Committed to enhancing media literacy.	Design an informative and user-friendly interface.
PS-3	Continuous Improvement and Ethical Considerations	We'll continuously assess and mitigate potential biases in our model.	Ethical considerations are paramount in our efforts.	Responsible for ensuring fairness and inclusivity.	Regularly update and improve the system, while actively addressing ethical concerns.