Ideation Phase Empathize & Discover

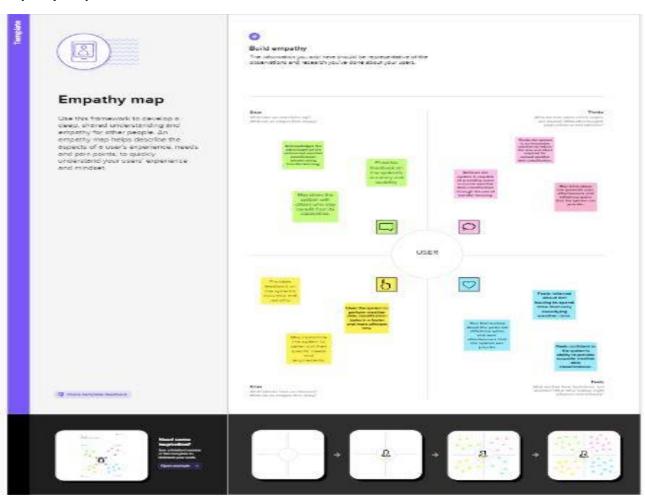
Date	29 April 2023
Team ID	NM2023TMID16615
Project Name	Automated Weather Classification using Transfer Learning – Artificial Intelligence
Maximum Marks	4 Marks

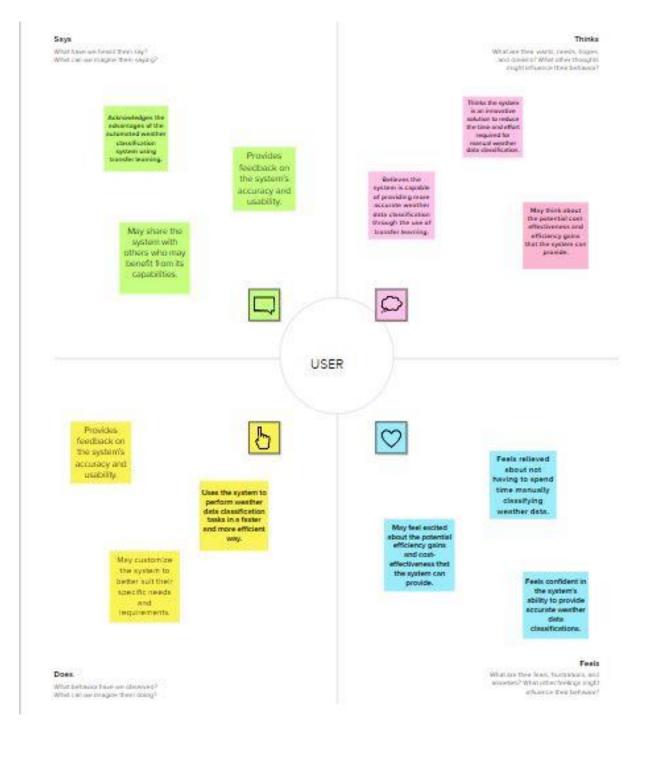
Automated Weather Classification using Transfer Learning:

Based on the Literature Survey, the approach to building an Automated Weather Classification system using Transfer Learning involves data collection and pre-processing, model selection, feature extraction, training and evaluation, deployment, and continuous improvement.

The System should be user-friendly, scalable, and maintainable, and updated regularly with the latest weather data and improved models to ensure accurate classifications.

Empathy Map:





Says What have we heard them say? What can we magine them saying? Thinks the system Is an innovative solution to reduce Acknowledges the the time and effort advantages of the automated weather required for manual weather data classification Provides classification. system using feedback on transfer learning. the system's Believes the system accuracy and Is capable of usability. providing more accurate weather data classification May share the through the use of system with transfer learning. others who may benefit from its capabilities. USER USER Provides

Uses the system to

perform weather

feedback on the system's accuracy and usability.

> May customize the system to better suit their specific needs and requirements.

Does

What behavior have we observed? What can we imagine them doing? \bigcirc

data classification
tasks in a faster
and more efficient
Way.

May feel excited
about the potential
efficiency gains and
cost-effectiveness
that the system can
provide.

Feels relieved about not having to spend time manually classifying weather data.

> Feels confident in the system's ability to provide accurate weather data classifications.

Thinks

What are their wants, needs, hopes, and dreams? What other thoughts might influence their behavior?

May think about the

potential cost-

effectiveness and

efficiency gains that

the system can provide.

Feels

What are their fears, frustrations, and anxieties? What other feelings might influence their behavior?