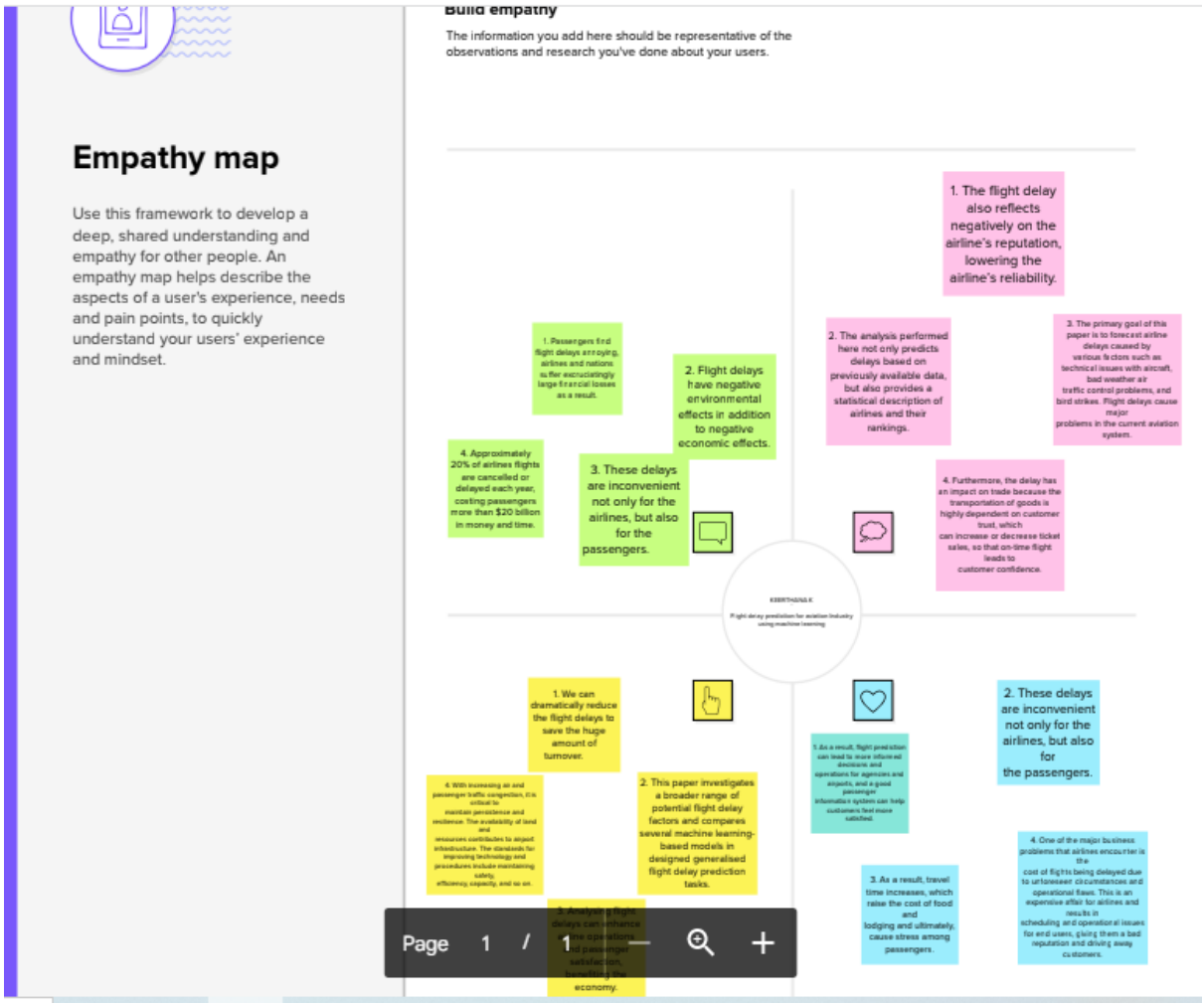
EMPATHY MAP:


Empathy map
Use this framework to develop a deep, shared understanding and empathy for other people. An empathy map helps describe the aspects of a user's experience, needs and pain points, to quickly understand your users' experience and mindset.
Build empathy
The information you add here should be representative of the observations and research you've done about your users.
1. The flight delay also reflects negatively on the airline's reputation, lowering the airline's reliability.
2. The analysis performed here not only predicts delays based on previously available data, but also provides a statistical description of airlines and their rankings.
3. The primary goal of this paper is to forecast airline delays caused by various factors such as technical issues with aircraft, bad weather air traffic control problems, and bird strikes. Flight delays cause major problems in the current aviation system.
1. Passengers find flight delays annoying, airlines and nations suffer excruciatingly large financial losses as a result.
2. Flight delays have negative environmental effects in addition to negative economic effects.
3. These delays are inconvenient not only for the airlines, but also for the passengers.
4. Approximately 20% of airlines flights are cancelled or delayed each year, costing passengers more than $20 billion in money and time.
4. Furthermore, the delay has an impact on trade because the transportation of goods is highly dependent on customer trust, which can increase or decrease ticket sales, so that on-time flight leads to customer confidence.
1. We can dramatically reduce the flight delays to save the huge amount of turnover.
2. This paper investigates a broader range of potential flight delay factors and compares several machine learning-based models in designed generalised flight delay prediction tasks.
2. These delays are inconvenient not only for the airlines, but also for the passengers.
3. As a result, travel time increases, which raise the cost of food and lodging and ultimately, cause stress among passengers.
4. One of the major business problems that airlines encounter is the cost of flights being delayed due to unforeseen circumstances and operational flaws. This is an expensive affair for airlines and results in scheduling and operational issues for end users, giving them a bad reputation and driving away customers.
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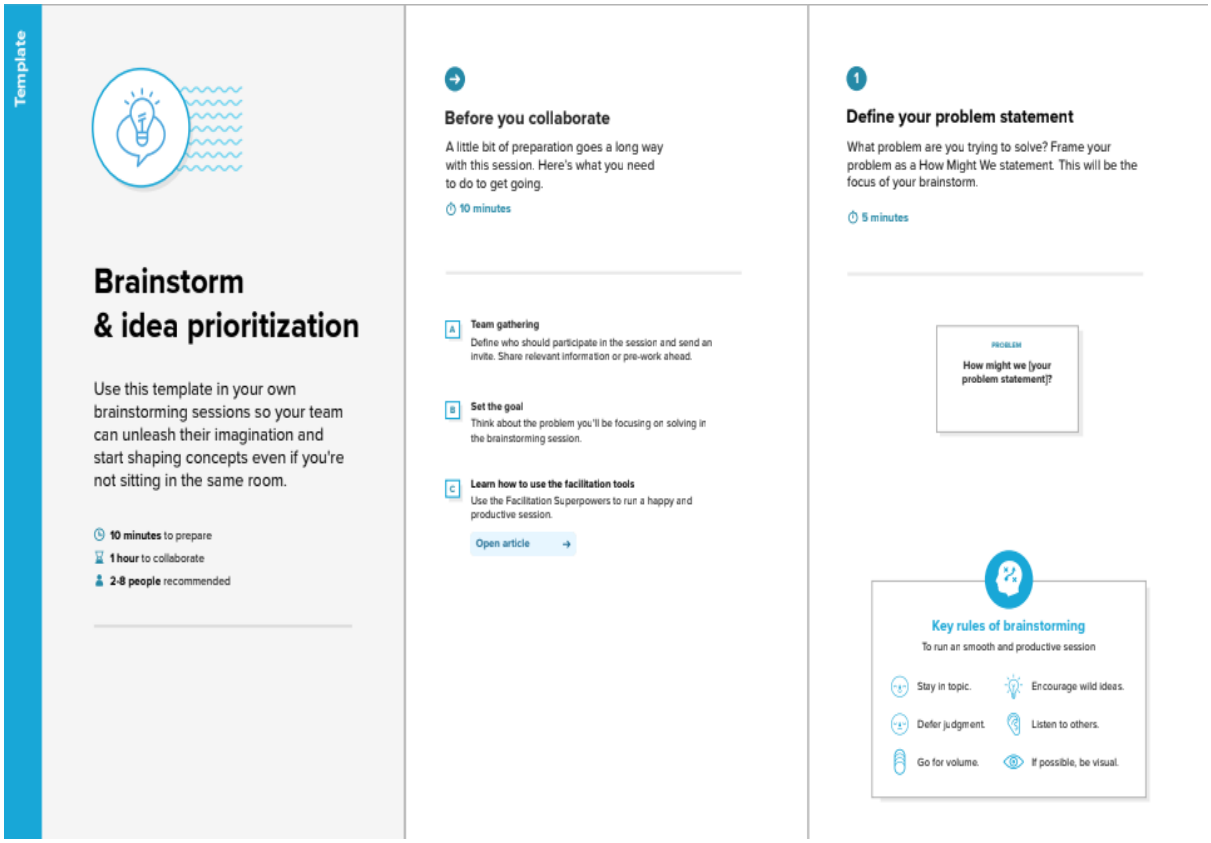
BRAINGSTROM



3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

20 minutes

Person1: K.KEERTHANA

In today's world, time is money. Flight delays harm airports, passengers, and airlines. Being able to predict how long a flight will be delayed will save passengers valuable time as well as hardships caused by flight delays or, in worst-case scenarios, cancellations. The problem I'm attempting to solve is accurately predicting flight delays when we know certain details about the flight, such as the airlines that operate it, the distance it must travel, the origin and destination airports, departure times, and so on. Being able to accurately forecast flight delays can help passengers understand what delays to expect depending on when and where they fly from and the airlines they want to fly with.

person2: S.Guru Priya

Automatic dependent surveillance broadcast (ADS-B) messages are collected, pre-processed, and combined with additional data, including such weather conditions, aircraft schedules, and airport details, to provide a datasets for such suggested scheme. Several classification tasks as well as a regression task are included in the intended prediction tasks. Long short-term memory (LSTM) is capable of managing the acquired aviation sequence data, according to experimental results, although overfitting issues arise in our small dataset. The suggested random forest-based model may achieve higher prediction accuracy (90.2% for the binary classification) than the earlier systems and can resolve the overfitting issue.

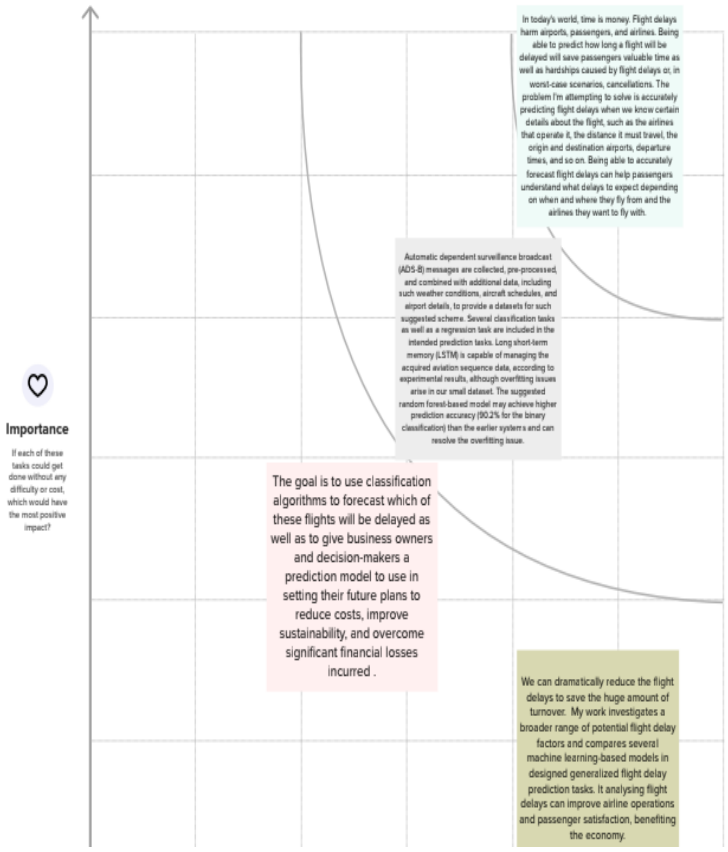
Person3: M.Kavitha

The goal is to use classification algorithms to forecast which of these flights will be delayed as well as to give business owners and decision-makers a prediction model to use in setting their future plans to reduce costs, improve sustainability, and overcome significant financial losses incurred .

Person4: K.Hemalatha

We can dramatically reduce the flight delays to save the huge amount of turnover. My work investigates a broader range of potential flight delay factors and compares several machine learning-based models in designed generalized flight delay prediction tasks. It analysing flight delays can improve airline operations and passenger satisfaction, benefiting the economy.

20 minutes



Quick add-ons

A **Share the mural**
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.

B **Export the mural**
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

Keep moving forward

Strategy blueprint
Define the components of a new idea or strategy.
Open the template →

Customer experience journey map
Understand customer needs, motivations, and obstacles for an experience.
Open the template →

Strengths, weaknesses, opportunities & threats
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.
Open the template →

Share template feedback