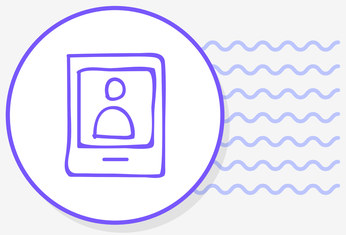
Template



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.

Share template feedback

Build empathy

The information you add here should be representative of the observations and research you've done about your users.

Says

What have we heard them say?
What can we magine them saying?

OVER the last twenty years, air travel has been increasingly preferred among travelers, mainly because of its speed and in some cases comfort.

flight is delayed when difference between scheduled and actual arrival times is greater than 15 minutes. Furthermore, we compare decision tree classifier with logistic regression and a simple neural network for various figures of merit.

An increase in air traffic growth has also resulted in massive levels of aircraft delays on the ground and in the air. These delays are responsible for large economic and environmental losses.

. According to, taxi-out operations are responsible for 4,000 tons of hydrocarbons, 8,000 tons of nitrogen oxides and 45,000 tons of carbon monoxide emissions in the United States in 2007.

Thinks

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

Therefore, predicting flight delays can improve airline operations and passenger satisfaction, which will result in a positive impact on the economy.

to compare the performance of machine learning classification algorithms when predicting flight delays.

The aim is to predict Flight *Delays*. As airways is one of the highest economy producing field for most of the countries and among all transportation airways ...

Flight delays hurt airlines, airports, and passengers. Their prediction is crucial during the decision-making process for all players of.

Give them a name and a portrait to empathize with your persona.

Most explorations predict flight delays using (i) **binary classifiers (delayed/not delayed flight), (ii) multi-class classifiers (multiple delay classes), or (iii) regression (estimating the delay value).**

The United States Federal Aviation Administration (FAA) considers a flight to be delayed when it is 15 minutes later than its scheduled time.

A flight delay is **when an airline flight takes off and/or lands later than its scheduled time**.

When a flight delay occurs, **you are entitled to assistance and a choice between rerouting, reimbursement, or rebooking**.

Flight delays are quite frequent (19% of the US domestic *flights* arrive more than 15 minutes late), and are a major source of *frustration* and cost for the.

Flight delays not only irritate air passengers and disrupt their schedules but also **cause a decrease in efficiency, an increase in capital costs, reallocation of flight crews and aircraft, and additional crew expenses**

The purpose of this *project* is to look at the approaches used to build models for *predicting flight delays* that occur due to bad weather conditions.

Flight delays hurt airlines, airports, and passengers. We are proposing machine learning *algorithms* like Linear regression Techniques.

Does

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

Feels

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

Need some inspiration?

See a finished version of this template to kickstart your work.

Open example →