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Team ID	PNT2022TMID43126
Project Name	Developing a flight delay prediction model using machine learning

## Developing a Flight delay prediction model using machine learning

## Ideation phase - Empathy map

Annoyed

**Anxious** 

Stressed

Faal

The flight should take off on scheduled time

The time delay can affect reaching the destination on time

Time extended during flight travel is hectic

The time delay causes crowd in airport

Think

Flight updates at arrival airport

Notices from crowd



Not again... Delay

I might not make it up on time

Passengers in aircraft

Inside of aircraft

800

The flight should land on scheduled time

Updating the flight delay beforehand at departure airport

Do

Sitting on the passenger seat

Waiting for flight updates

**Reading books** 

Getting ready for landing

## Pains

- OUsers might not reach their destined places on time after flight delay.
- The family/friends waiting to pick up the passenger ought to wait long.
- The successive flights may also get delayed in arrival airport.
- The flights takeoff and takeon time gets affected.
- The airport get crowded.

## Gains

- •Flight delay can be updated to passengers beforehand.
- OUsers can plan their schedule.
- •Flight delays can be reported to concern airports.
- •Flight delay updation on website.
- Increase passengers convenience.