Problem-Solution fit canvas 2.0

Purpose / Vision

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

- Normal flight users.
- Business professionals having meetings.
- Many emergency patients whom have to fly for their treatment suffers due to flight delay.
- users face the important problem which was missing their flight due to inaccurate prediction of flight delay and arrival.

6. CUSTOMER CONSTRAINTS — CC

- Flight delay is inevitable and it plays an important role in both profits and loss of the airlines.
- Refund/Partial Refund.
- Unavailability of alternate flights or accommodation.

5. AVAILABLE SOLUTIONS — AS

- Report airlines.
- May take alternate flights.
- Wait for the delayed schedule.
- Ask for an alternate flight/schedule.
- Cancel the flight.

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

- To know flight is delayed.
- The impact of flight delay can be a risk which represents financial losses, the dissatisfaction of passengers, time losses, loss of reputation and bad business relations.
- To know the other things that can be done when the flight is delayed.

9. PROBLEM ROOT CAUSE — RC

- Unavailability of means to estimate delays occurring in airplanes.
- Lack of or incorrect documentation.
- Large scale economic loss for both airlines and the customers.
- Lack of or incorrect training.

7. BEHAVIOUR — BE

- Find alternate travel options.
- Due to delay of flight passengers losses his patience and his temper increases slightly.
- Use the app deployed to know the approximate delay.
- Fill ratings and feedbacks to help other users.

Focus on J&P, tap into BE, understand RC

Identify strong TR & EM

3. TRIGGERS — TR

- Cancellation of flights.
- Extreme boredom
- Missing layover flight
- Uncertainty in deciding if the flight is delayed when they start late for the airport

4. EMOTIONS: BEFORE / AFTER — EM

Before:
- Worried about missing important events, layover flights.
- Frustrated about the unexpected delay/cancellation

After:
-Stay relaxed after getting a proper update from airline

10. YOUR SOLUTION — SL

Data science based flight delay prediction uses gradient boosting algorithm is better and faster algorithm. Further flight can be predicted. The prediction can be commonly found in web application using machine learning.

8. CHANNELS of BEHAVIOUR — CH

8.1. ONLINE
- We notify the information about of flight in web application
- Check if a particular flight will be delayed and the estimated time of arrival

8.2 OFFLINE
- Finding alternate travel routes in the airport.
- Hotels near the airport can be visit for overnight stays during delays

Extract online & offline CH of BE

AMALTAMA