

# **PROBLEM STATEMENT**

To identify and manage many people traveling this summer, they are noticing first –hand that airlines are facing major challenges, including numerous flight cancellations and delays

Who does the problem affect?	Many people will get frustrated to sit idle in airport .Passengers who need to handle international meeting and also for some emergency purpose.
What are the boundaries of the problem?	Adverse weather conditions, low ceilings, and low visibility conditions strongly influence flight delays.
What is the issue?	Inclement weather ,such as thunderstorm ,hurricane ,or blizzard. Late arrival of the aircraft to be used for the flight from a previous flight. Maintenance problems with the aircraft.
When does the issue occurs?	A flight delay is when an airline flight takes off and /or lands later than its scheduled time. A cancellation occurs when the airline does not operate the flight at all for a certain reason.
Where is the issue occurring?	The least punctual airline of all U.S. carriers was Frontier which had an average on-time arrival of 73.14 percent. Coming in just above that was JetBlue with an on-time arrival of 73.5 percent.
Why is it important that we fix the problem?	Passengers are increasingly affected by delays and cancellations .Thus these problems has to be fixed