

# SI311.S0 Final Project

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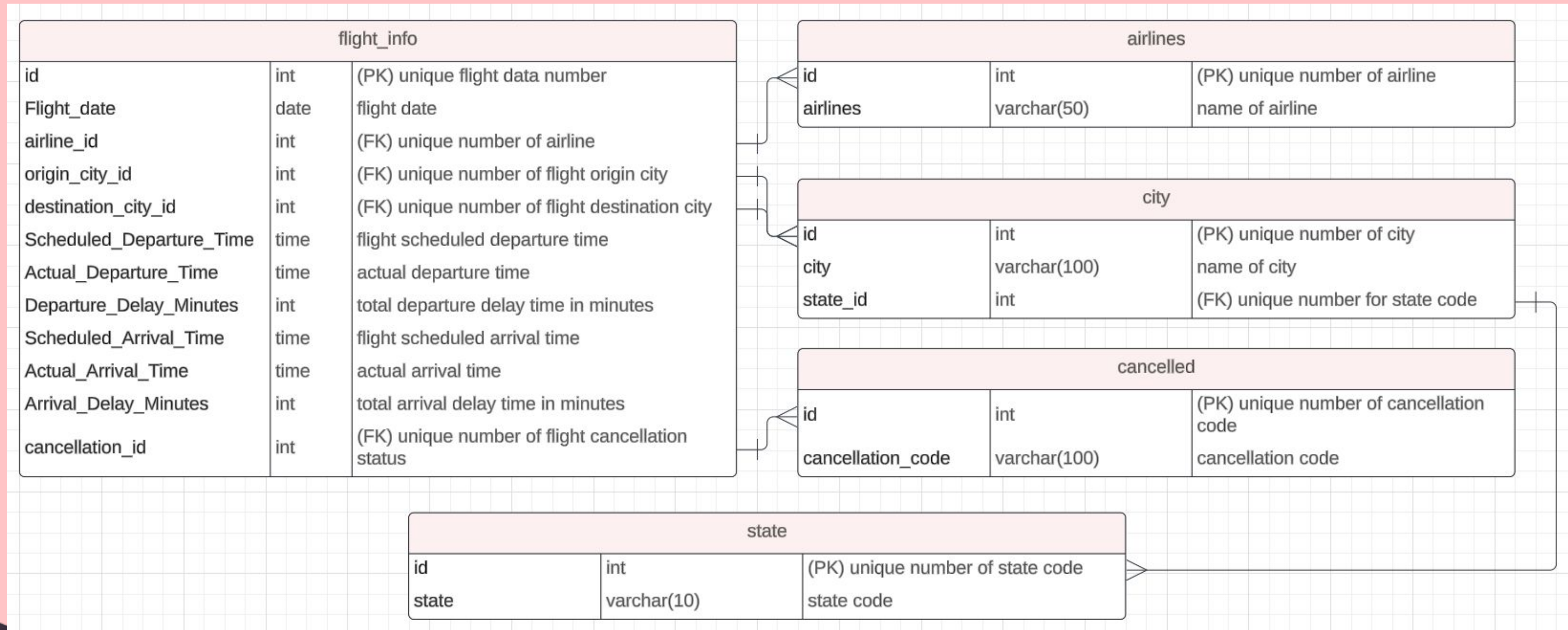
# Business Idea

- Dataset: Flight Delay Dataset (US)
  - 50000 rows
  - 20 columns
  - contains information such as flight departure delay, arrival delay, reason of delay..
- Business Idea: Borromeo is looking for an airline that is reliable for the company's business trips.





## ERD





# Insights



## Most Punctual: Alaska Airlines

Alaska Airlines is the most punctual airline based on the average delay departure and arrival time

- Avg Delay Departure: 3 mins
- Avg Delay Arrival: 0 mins



# Insights



Most Reliable: Horizon Airlines

Horizon Airlines which is owned subsidiary by Alaska Airlines has the least chance of cancellation

- Probability of cancellation: 1.38%

Hawaiian Airlines next most reliable with 1.54% probability of cancellation





Thank you!

