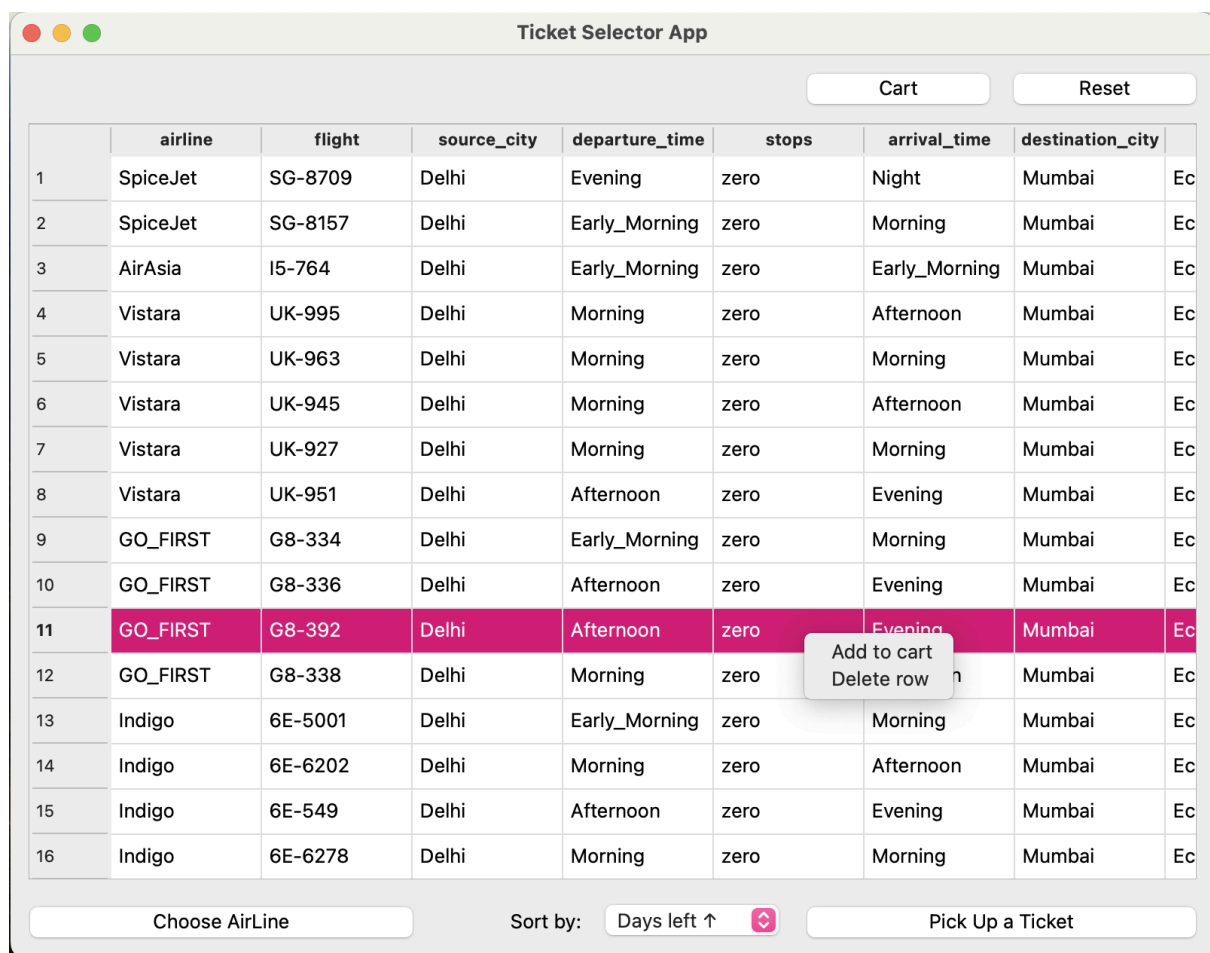# Intro

An application helps a user to find suitable flight tickets between Indian cities. The user either can see the whole list of flights interacting with it, or use a Ticket selector window to choose more detailed filters. Anytime a user is allowed to add tickets to a cart and proceed to checkout so tickets will be saved on his computer.

Technical specifications

The application works with both MacOS and Windows OS's without constraints

User guide

Mainwindow has the following options:
- button Choose AirLine, which filters all tickets by chosen AirLines
- ComboBox "Sort by", which sorts the table by either Days left to flight or the price in both ascending and descending orders

- Button "Cart", which opens the Cart
- Button "Reset", which resets the table
- Context Menu with options "Add to cart" or deleting one
- Button **"Pick Up a Ticket",** which opens a main functionality of the app: window, where user can choose parameters for the flight

There are four fields to choose: Departure and Destination cities, time of departure (Check box, so some can be chosen), eiter Economy or Business class seat.
*An important thing is that user cannot skip either of parameters or choose same cities for departure and arrival. The application has patches for such cases with warnings

The Cart uses another linked dataset, where more precise parameters are shown: time or flight duration for example.

```
● ● ●                              📄 Ticket.txt

Flight Tickets
==============

Date  12-02-2022
Airline  Vistara         Flight No.  UK-927
Departure city  Delhi    |Departure time  09:30
Arrival city  Mumbai     Arrival time  11:35
Flight duration  02h 05m
------------------------------
Date  11-02-2022
Airline  GO FIRST        Flight No.  G8-338
Departure city  Delhi    Departure time  10:30
Arrival city  Mumbai     Arrival time  12:50
Flight duration  02h 20m
------------------------------

Total sum: 50282
```

After checking out, tickets are saved in a such way