# Flight Search:

## To run the application locally

* Install Node.
* Install **json-server** globally.
* Go to **flights** folder and run command **npm I**.
* Run command **npm i --only=dev**
* Run **npm run dev** *(make sure nothing is running on ports 8000 and 5000)*
  + This will start json server which serves data requirement for this application
  + Then it starts the node server on **localhost:8000** to serve the react files.
* Open url <localhost:8000> in browser

## Implementation Details:

* Contains Search panel to search for flights
* Only one way search is implemented (Return journey function is disabled.)
* Demo data is generated randomly and is served via **json-server**. Json-server uses **port 5000** for serving requests.
* ***Pagination has been implemented entirely in client side*.** (On page change there will not be any server calls). Ideally this should be implemented at server and client should send the page number to fetch data only for requested page.
* Router setup is complete however there are only one routes handled. Accessing any other route will cause a **custom designed 404 page**.
* For store application uses **Redux**.
* Most of the form components are used from **material UI.**

**NOTE: Tests are not included for all the components. Just for sample one test has been added.**