KAYAK mobile web coding exercise

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Thank you for your interest in a career at KAYAK.

We would like to proceed with the next step of our evaluation process. Below we've included an exercise which we would like you to complete.

Exercise

Your goal is to create a sample web application that displays information about various airlines.

This exercise also serves as a sample of what kind of tasks you can expect while working at KAYAK.

Requirements

General requirements

- Application must match at least the provided mock ups (feel free to experiment after that. It's welcomed).
- Application has two views that need to be URL linked: list and details.
- Airline data needs to be loaded asynchronously and be processed and rendered client-side.
- Application has to act as a single page application (do not reload the document, while switching between the list/details views).

List view requirements (1)

- The whole airline row in the list is clickable.
- The airline filter should hide the rows that do not match the user typed in value.

Details view requirements (2)

- Airline website displayed should only show a domain name. Href attributes should still be full URLs received from the API.
- Make airline logo do a 360 degree spin once, when details page opens up.
- "Check flight status" should redirect to KAYAK flight tracker page with information for requested flight.
- "< Back to list" should navigate back to the list.

Resources

- You may use any online resource or documentation to complete this assignment, as log as you write the code yourself.
- You can use any open source libraries to complete this task (e.g. Angular, React, or jQuery, etc)
- You're free to use CSS pre-processors (e.g. LESS, SASS, etc)
- You're free to use any backend language (Java, Node, Python, etc) and/or web server (Tomcat, Apache, nginx, etc) if your solution needs any.
- For the KAYAK logo you can use the SVG found on the www.kayak.com header
- Airline information is available via a jsonp API:

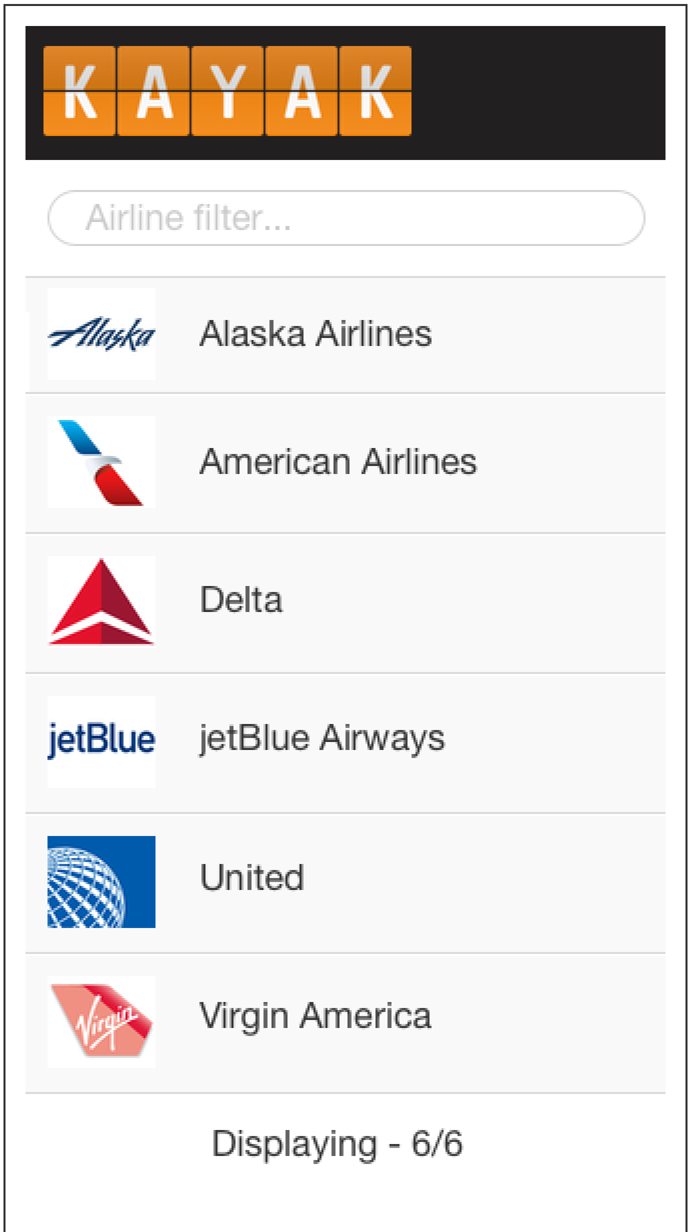
```
URL: 'kayak.com/h/mobileapis/directory/airlines/homework'
callback parameter name: 'jsonp'
```

- Font settings:

  ```
  font-family: "Helvetica Neue", Helvetica, Arial, sans-serif;
  font-size: 18px;
  ```

- Color settings:
  - Global color: `#333333`
  - Orange: `#f49000`
  - Gray: `#cacaca`
  - Border: `#cacaca`, `#ffffff`

Mock ups



Alaska Airlines

American Airlines

Delta

jetBlue Airways

United

Virgin America

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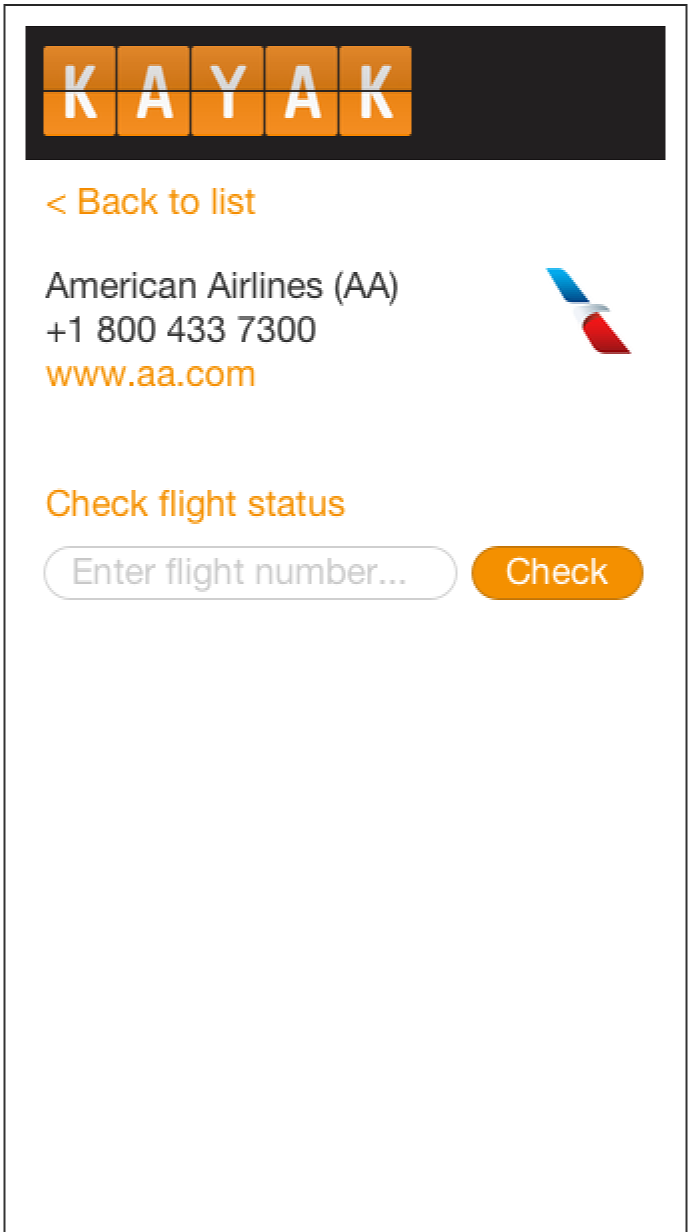
(1) List page



American Airlines (AA)
+1 800 433 7300
www.aa.com

Check flight status

(2) Details page

Final notes

We do not imagine this should take you more than a few hours to build. Hopefully this will be a fun challenge for you.

Please email us the following:

- Application's HTML, CSS, and Javascript source files.
- Server side source files and/or relevant web server configuration files if you wrote any for this exercise.
- Documentation on how to build & run your application.

Alternatively, you may use an online platform such as CodeSandbox to share your work

We request that you keep this exercise and your solution confidential (e.g. do not post publicly on GitHub or any other public forum).

Let us know if you have any questions.

Looking forward to your reply!

Good luck!