

USER STORY:

As an Alaska ramp agent, I need to see the flight schedule for a date range, so that I can see what flights are coming in.

Acceptance criteria:

- The program is expected to produce an Android application using Xamarin.Android framework
- The form has three input fields: Origin, Destination and Flight Date.
- Origin and Destination are both three letter airport codes, such as "SEA" and "PHX"
- Flight Date is the departure date that the guest is interested in.
- Results are displayed in a listview that shows the Flight Number, Departure Time and Arrival Time.
- Use <https://apis.qa.alaskaair.com/aag/1/guestServices/flights> to gather the required information.
- The list should be sorted into chronological order of Departure Time

API Info:

Here is an example of a request to the API listed in the user story

```
https://apis.qa.alaskaair.com/aag/1/guestServices/flights/?fromDate=2021-07-25&toDate=2021-07-25&origin=SEA&destination=LAX&nonStopOnly=false
```

When you are making the API call, you will need to supply a subscription key in the HttpHeaders:

Name of the key: Ocp-Apim-Subscription-Key

Value of the key: 8420dcb1d57f4c13b47b18a4faf0d990

KEEP IN MIND:

- We value agile principles, practice test-driven development, and value clean code.
- Please include any unit testing when submitting your solution.
- We build the mobile application in Android.Xamarin.
- Focus on meeting the acceptance criteria. We iterate to round out features.
- Feel free to interpret as an open-ended exercise, the key is the coding quality.
- This project will be used for discussion and exercises during your interview loop.