

For this coding exercise, you must fetch data from a REST API and populate a list on screen. While the scope of this task is small, imagine your solution will be applied to a full scale application.

Add however much flair and polish you think appropriately showcases your talents as a mobile developer. Be sure to use Kotlin/Java for an Android solution, or Swift for an iOS solution.

Please see the included [Example.png](#) for what you should aim for your UI to look like. Your UI **does not** have to match exactly, this is simply an example.

You will be evaluated based on:

- Use of best practices
- Scalability
- Testability

API Details:

REQUEST

Method: POST

Scheme: https

Path: /rest/mobile/v1/home/cards

Host: webservices.vividseats.com

Content-Type: application/json

X-Mobile-Platform: iOS|Android

```
{
  "startDate": "2018-05-18", <- This should be today's date
  "endDate": "2018-5-18", <- this should be some arbitrary date in the future
  "includeSuggested": "true"
}
```

RESPONSE:


HTTP/1.1 200 OK

```
[{
  "topLabel": "The Book Of Mormon",
  "middleLabel": "ASU Gammage - Tempe, AZ",
  "bottomLabel": "Fri, May 19 - Sun, May 28",
  "eventCount": 13,
  "image": "https://a.vsstatic.com/mobile/app/theater/book-of-mormon",
  "targetId": 25373,
  "targetType": "PERFORMER",
  "entityId": 25373,
  "entityType": "PERFORMER",
  "startDate": 1495240200000,
  "rank": 270
}, {
  "topLabel": "Finding Neverland",
```

```
    "middleLabel": "Fabulous Fox Theatre - Atlanta - Atlanta, GA",
    "bottomLabel": "Fri, May 19 - Sun, May 21",
    "eventCount": 5,
    "targetId": 26058,
    "targetType": "PERFORMER",
    "entityId": 26058,
    "entityType": "PERFORMER",
    "startDate": 1495242000000,
    "rank": 230
  }, {
    "topLabel": "Eric Church",
    "middleLabel": "Verizon Center - Washington, DC",
    "bottomLabel": "Fri, May 19, 8:00PM",
    "eventCount": 1,
    "image": "https://a.vstatic.com/mobile/app/concerts/eric-church.jpg
https://a.vstatic.com/mobile/app/concerts/eric-church.jpg
",
    "targetId": 2119461,
    "targetType": "EVENT",
    "entityId": 9420,
    "entityType": "PERFORMER",
    "startDate": 1495242000000,
    "rank": 260
  }
}
```

3:29



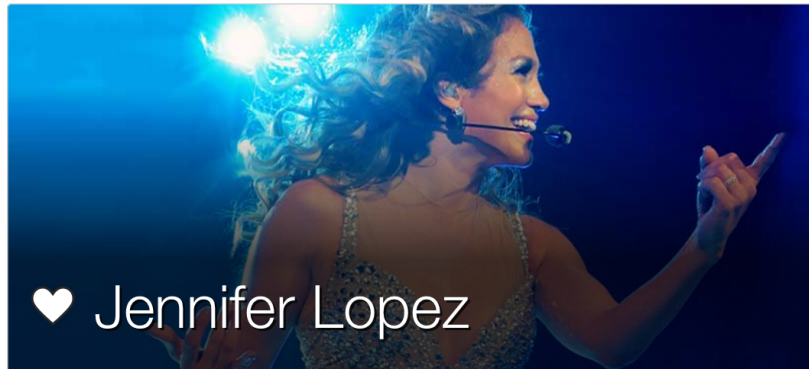
 Team, performer, event, or venue



Suggested

Viewed

Favorites



♥ Jennifer Lopez

The Axis at Planet Hollywood Resort a... 49 events >
Wed, Feb 21 - Sat, Sep 29



♥ Cleveland Cavaliers

Quicken Loans Arena - Cleveland, OH 30 events >
Thu, Feb 22 - Sun, Jun 17



♥ Boston Bruins



Home



Browse



My Tickets



Account