Coin Interview Assignment

About
The purpose of this exercise is to help us get a better idea of your technical skills and your fit with the company. This exercise should also give you an idea of some of the work you will face at Coin. Your submission will be evaluated based on technical skills, professionalism and attention to detail. Show us what you got!

If you have any questions, don't hesitate to ask us, but do feel free to make judgement calls:

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Task
Create an app that displays a list of *credit cards* for the user. The list should contain a sorted list of entries based on creation date, each consisting of a user's full name, credit card number, expiration date, and associated background image.

User interface
The UI should look as close as possible to the attached mockups, and use the associated assets.

Data Source
The list of credit cards should be fetched from https://s3.amazonaws.com/mobile.coin.vc/ios/assignment/data.json. The data can change at any time so be sure to handle deletion & updates. Please see appendix on the next page to see what an example response would look like.

Requirements
• The app should store all the data locally and update any records that have changed
• Must not use any third-party libraries (for e.g., ok-http or gson)
• The app should be displayed properly on all Android phones (eg. Nexus 5, Samsung Galaxy series etc)
• The project must be created on the latest version of Android Studio
• Target for this project should be API Level 18 and above

Bonus

Show off your architecture skills! Even though this might be a small project, show us how you'd build a foundation for developing a scalable app.

Appendix

What a sample response will look like:

```
{
  "results" : [
    {
      "updated" : "2015-01-21T18:28:07-0800",
      "card_number" : "3795 709408 58249",
      "background_image_url" : "https://s3.amazonaws.com/mobile.coin.vc/ios/
assignment/card_background_amex.png",
      "enabled" : true,
      "last_name" : "McMullen",
      "expiration_date" : "10/2015",
      "created" : "2014-11-26T13:48:07-0800",
      "guid" : "a4f74bc9-05b4-4afd-976a-e25b1258fe67",
      "first_name" : "Jeremy"
    },
    {
      "updated" : "2014-11-27T06:54:07-0800",
      "card_number" : "3769 918383 88565",
      "background_image_url" : "https://s3.amazonaws.com/mobile.coin.vc/ios/
assignment/card_background_amex.png",
      "enabled" : true,
      "last_name" : "Green",
      "expiration_date" : "10/2015",
      "created" : "2014-09-28T20:26:07-0800",
      "guid" : "bed24ac7-9d37-476c-bbf6-912cc7c68ee1",
      "first_name" : "Donald"
    }
}
```