

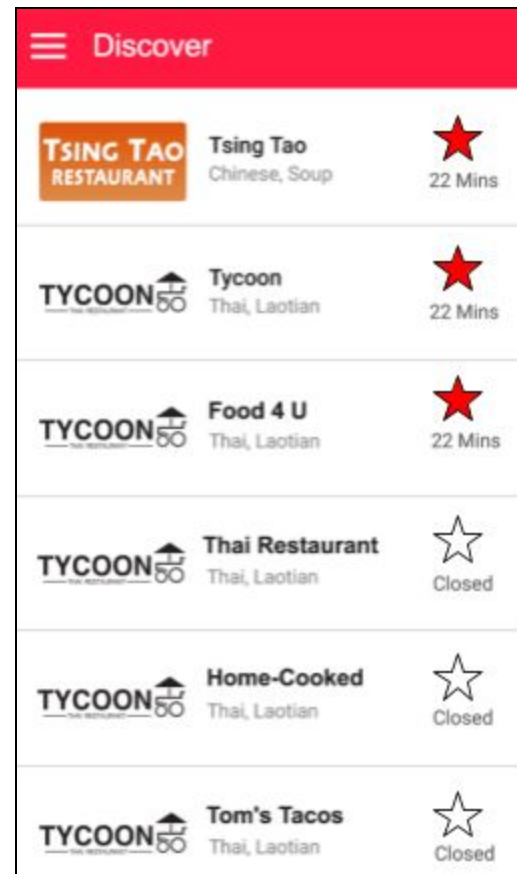
Background

At DoorDash, we allow customers to order delivery from their favorite local restaurants. For this exercise, you will be building a 'lite' version of DoorDash. Users will be able to view a list of stores, view basic store details, and add stores to a list of 'Favorites'.

We expect this project to take between 2-4 hours. Please zip the project and send it back to the recruiter within one day of receiving the project.

Requirements

1. Browse a list of restaurants near DoorDash HQ (37.422740, -122.139956)
2. Toggle a restaurant as favorite by clicking a favorite button on each cell
 - a. The favorite selections should persist across app restarts
 - b. When the list is loaded, favorites should be pushed to the top of the list
3. **Write tests where appropriate and make your code production-ready**
 - Check the API Spec for necessary endpoint information
 - Feel free to use open source libraries (Retrofit, ButterKnife, RxJava, etc.) as you see fit.
 - Don't worry about supporting old Android versions (2.3), as long as it'll run on 4.0 or above (API Level 14+).



Grading

We are looking for **sound architectural and testing skills**. Treat this project like it is a production app and write unit tests as you deem appropriate. Modularize your code keeping in mind that you will be building on this project in the onsite interviews.

When You're Done

Zip up the entire project directory and send it back. Thanks for your hard work!

API Spec

Restaurant list view:

/v2/restaurant/?lat=<LAT>&lng=<LNG>

- GET returns a list of **Restaurant** objects
- Required params
 - lat
 - lng
- **Restaurant** object key fields:
 - id
 - name
 - description - *type of food*
 - cover_img_url - *restaurant thumbnail url*
 - status - *string representing status of the restaurant ("30 mins", "closed", etc.)*
 - delivery_fee - *in cents*
- Example: <https://api.doordash.com/v2/restaurant/?lat=37.422740&lng=-122.139956>

Restaurant detail view:

/v2/restaurant/<restaurant_id>/

- GET returns a single **Restaurant** object
- Example: <https://api.doordash.com/v2/restaurant/30/>