JULIA AMOSOVA
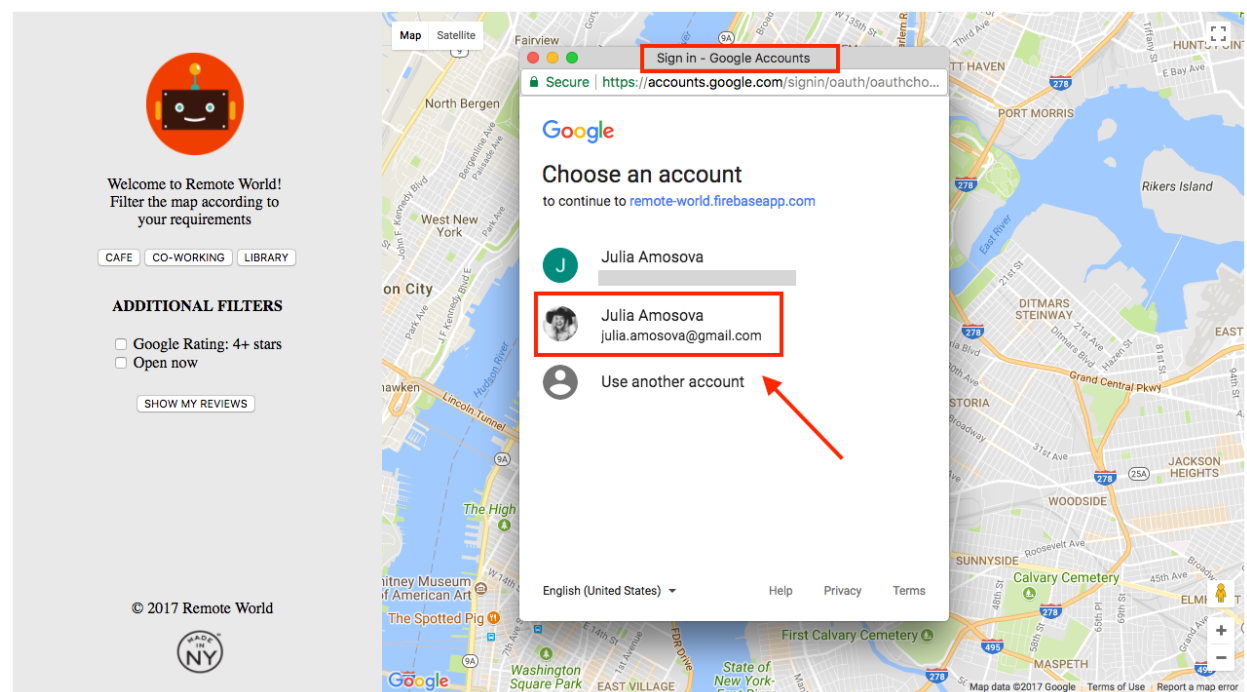## REMOTE WORLD - FINAL PROJECT

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APP DESCRIPTION:

Single Page Application (SPA) that allows users to look for remote places to work on the Google map based on their location. The App filters map based on the following filters: cafe, co-working space and library. The user can click on the place on the map and see it's details (name and address) and write a review for it. The user can then look for it's own reviews.

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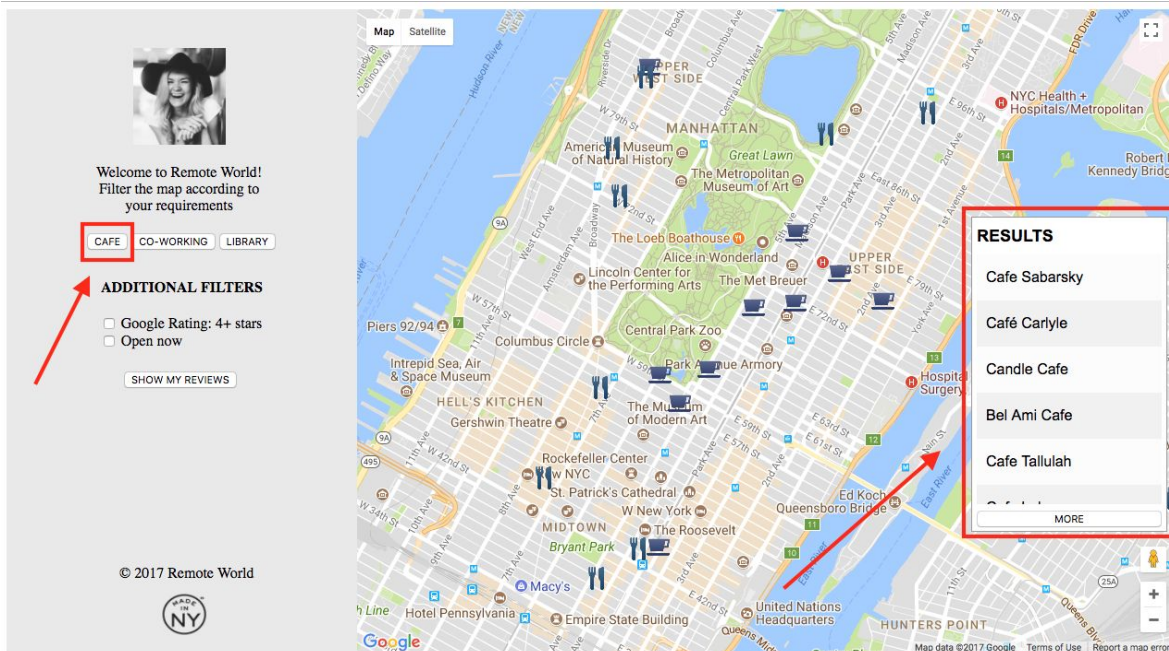
APP FUNCTIONALITY:

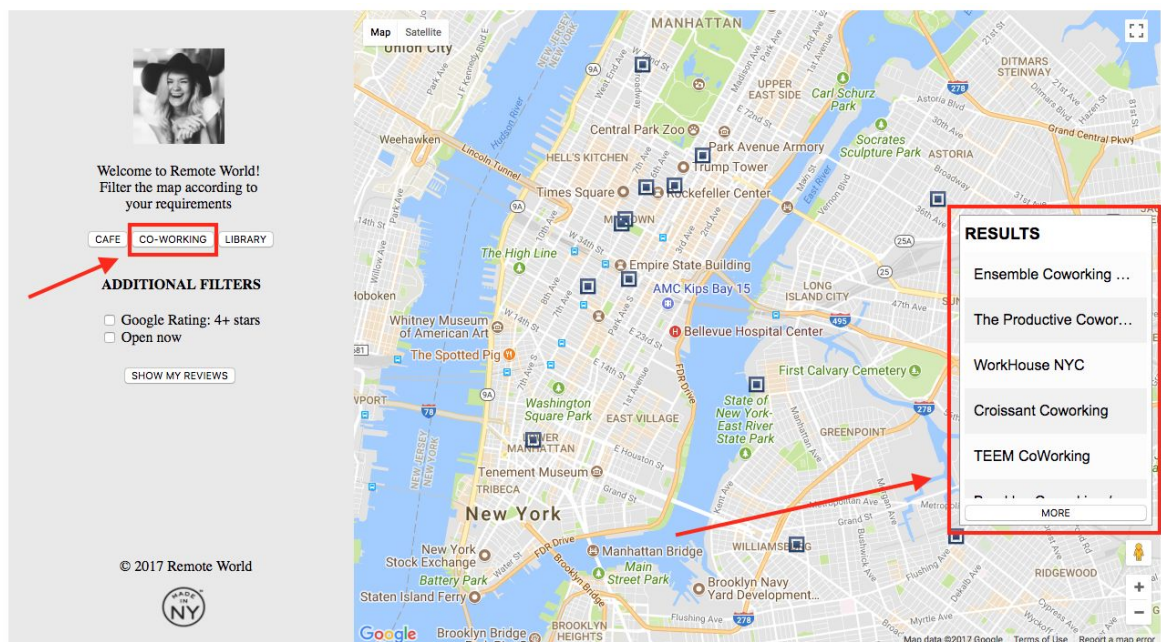An App can perform the following functions:

1. User's Authentication (using Google account):

2. Filter the map based on user's selection and show the results in the Results section. Selection #1: cafes:
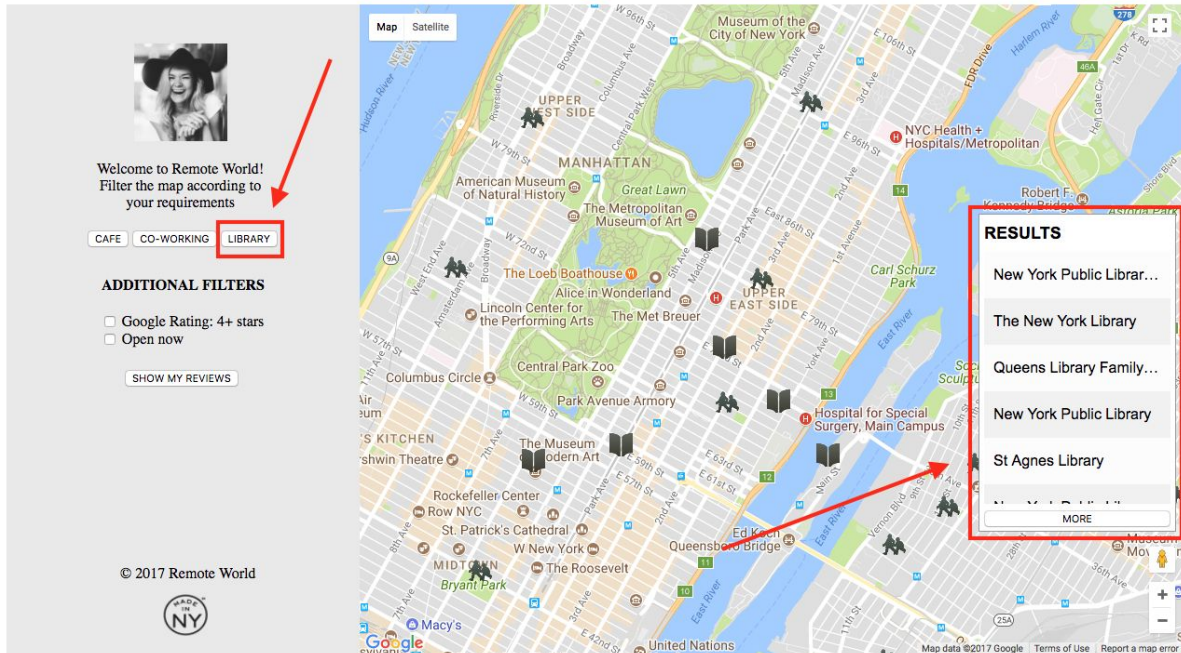

3. Filter the map based on user's selection and show the results in the Results section. Selection #2: co-working spaces:
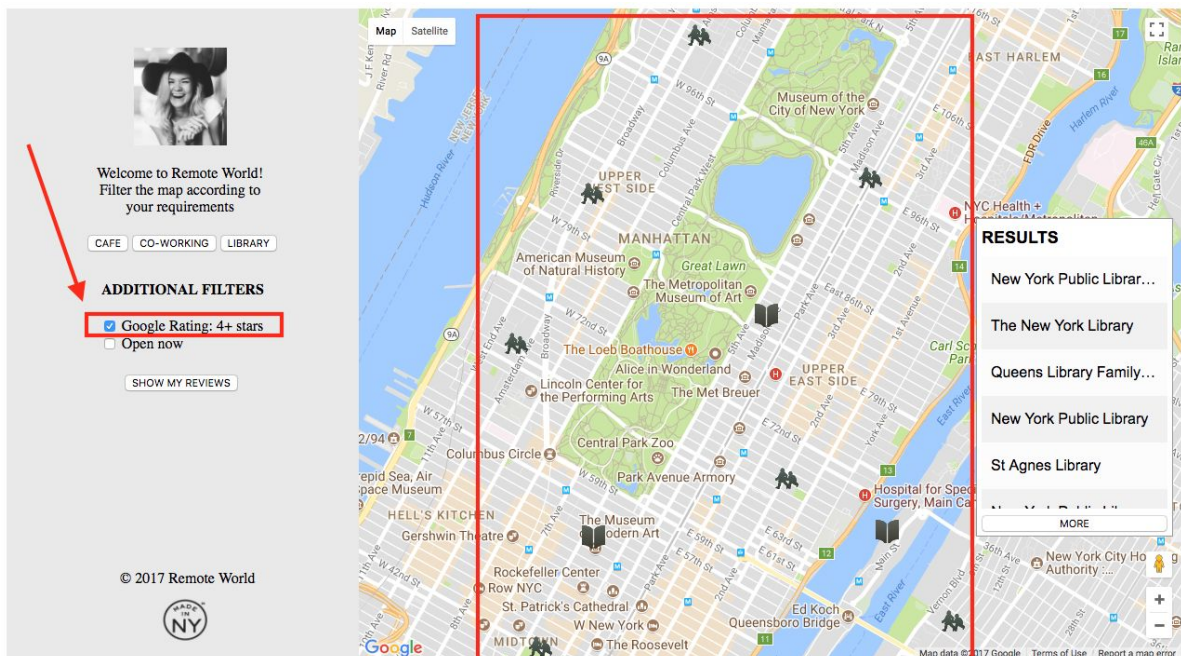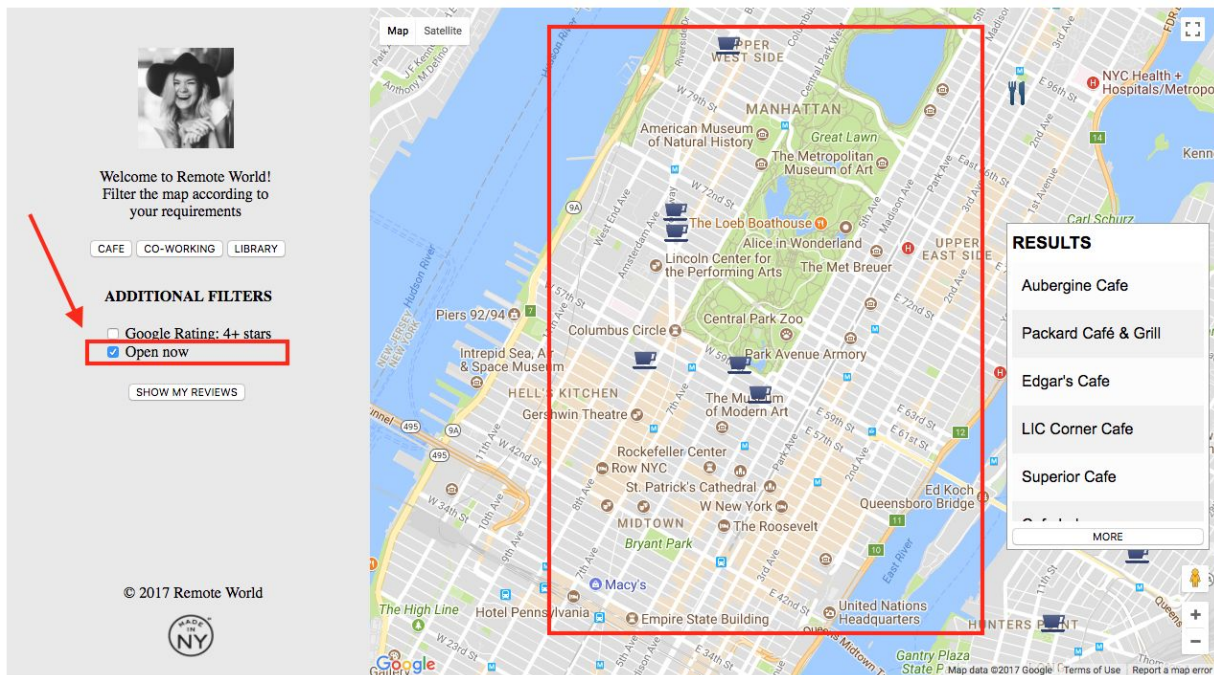
4. Filter the map based on user's selection and show the results in the Results section. Selection #3: libraries:
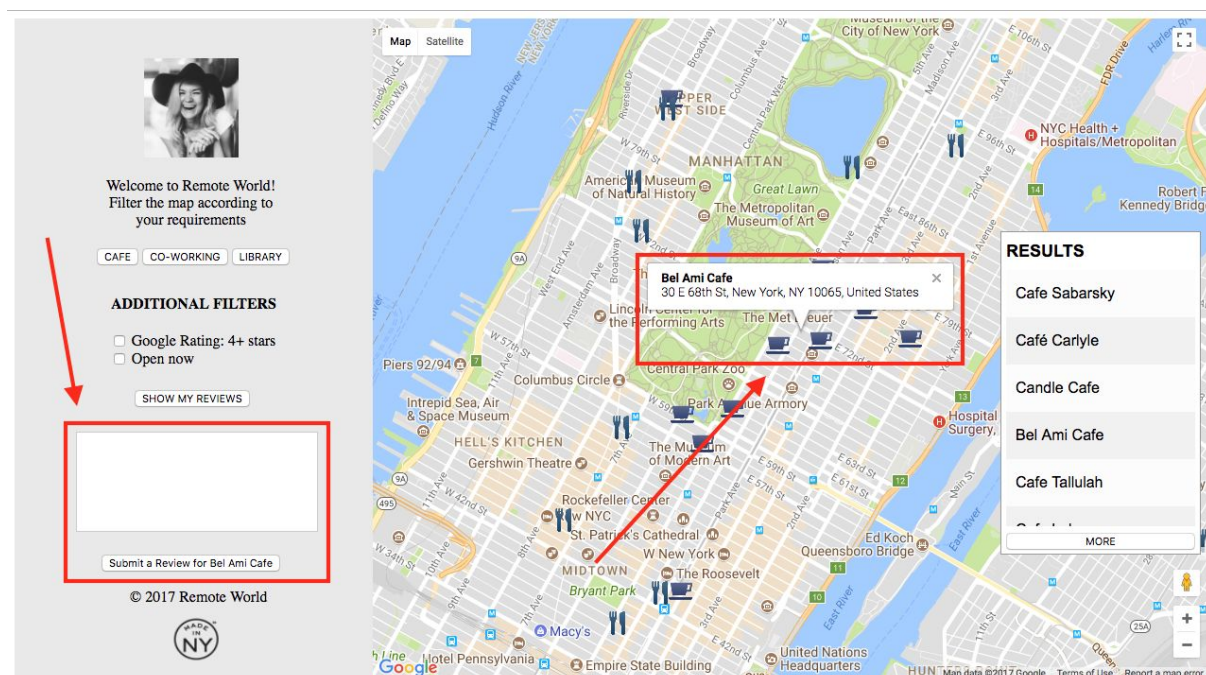

5. Apply additional filters. Display only places which have a Google rating 4 and higher:

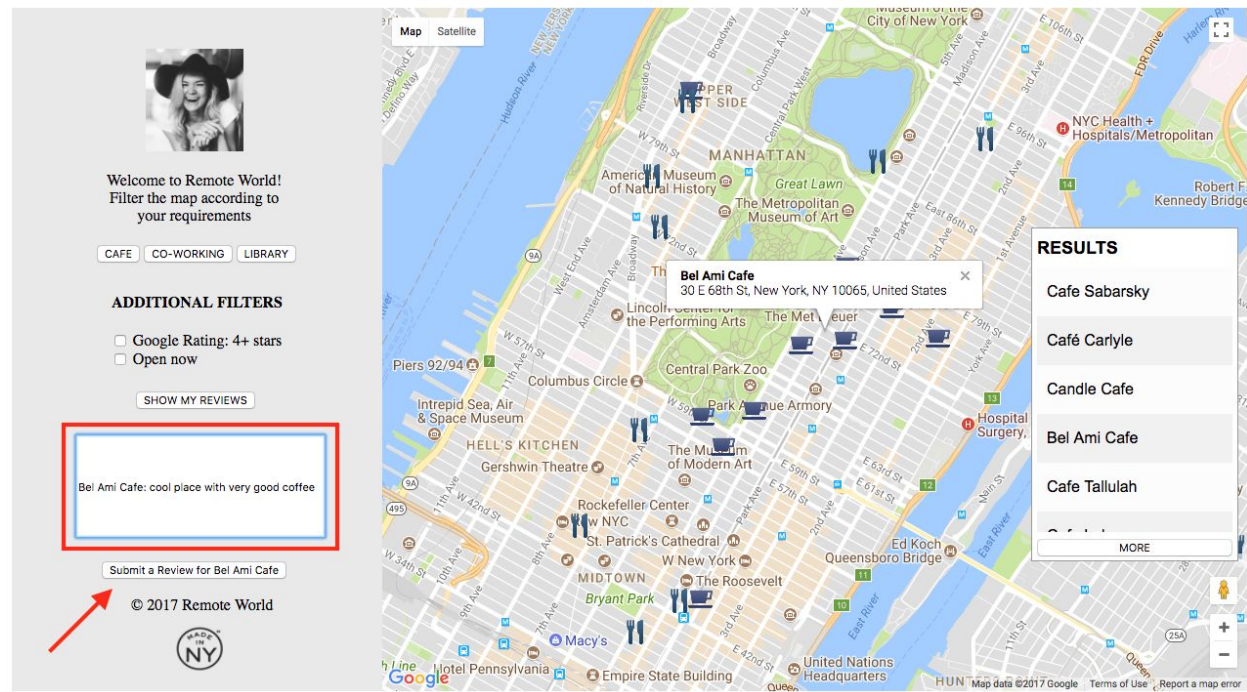6. Apply additional filters. Display only places which are open right now:

7. Click on the place on the map. Place's name and an address will be shown. The review section appears as well (on the click on the place):
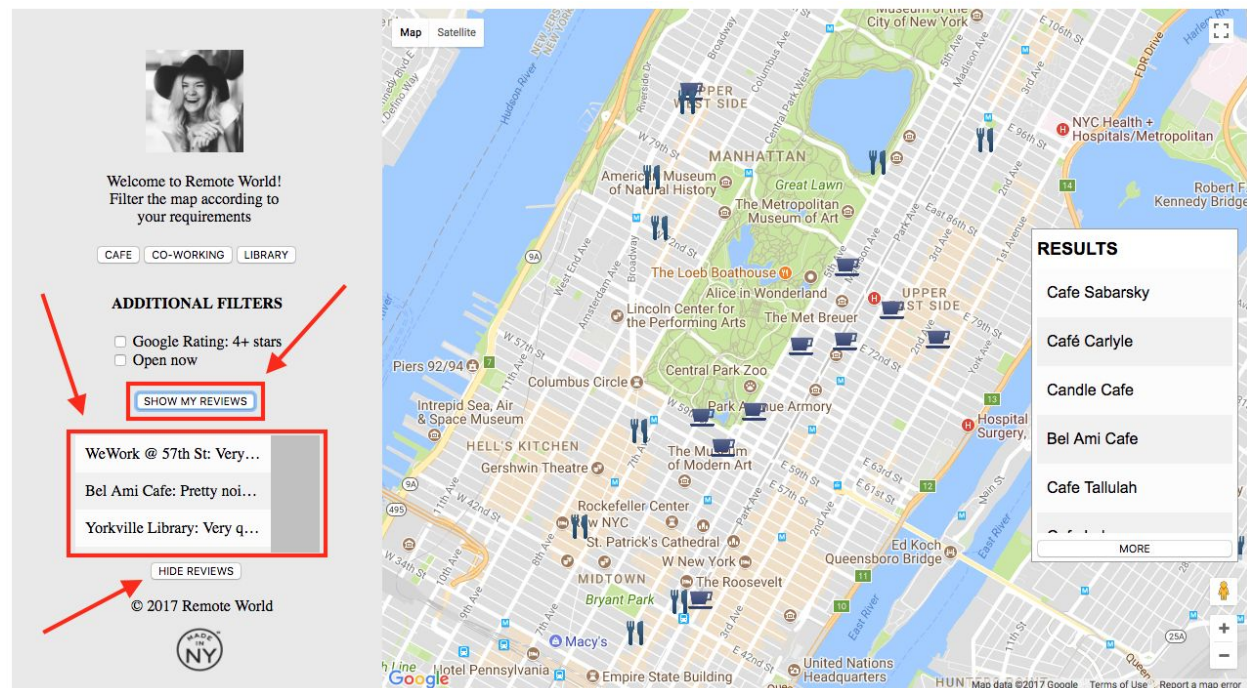
8. Write a review and store it in database:

9. Display user's reviews:

COMPONENTS USED TO BUILD AN APP:

- Google Maps JavaScript Places API (to filter the map):

https://developers.google.com/maps/documentation/javascript/

- Geolocation API (to identify user's location):

https://dev.w3.org/geo/api/spec-source.html

- jQuery to perform DOM manipulation
- jQuery to listen for events and add interactivity based on user actions
- CRUD functionality (to perform operations with reviews)
- Firebase as a Backend-as-a-Service:

https://firebase.google.com/