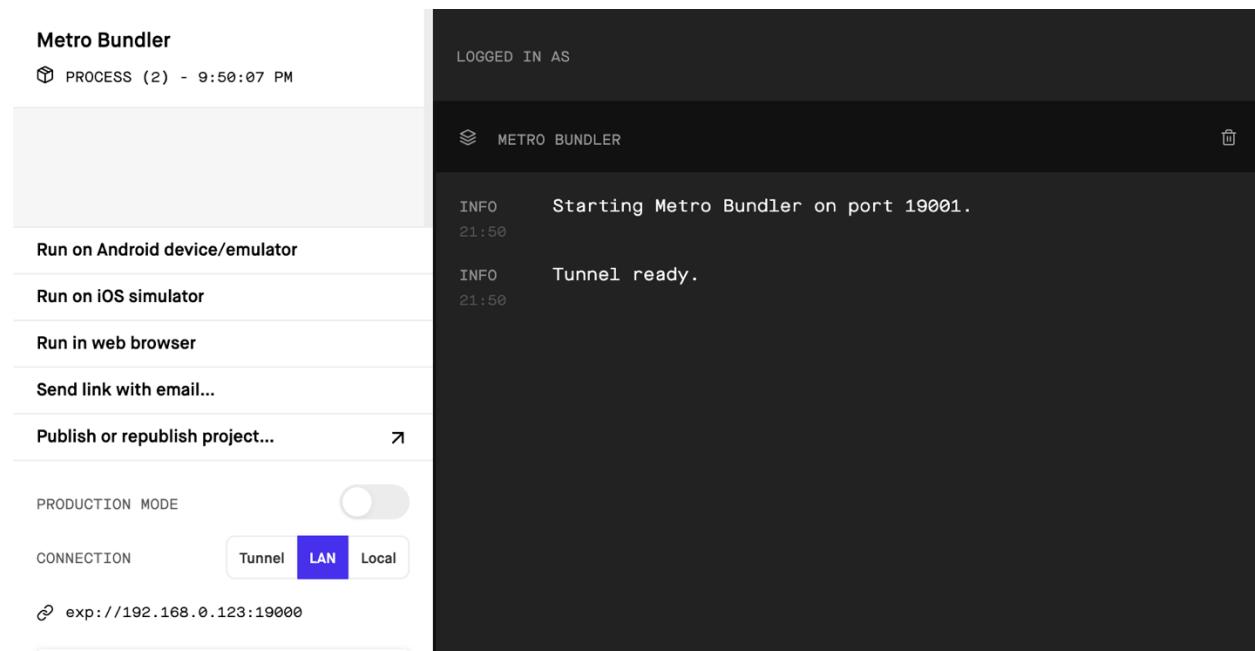


Manual Test Plan: Redditmovie

Run the program.

Go into the project file in the terminal and type “expo start” to start the program.

```
(base) V_JQUANCHEN-MB1:movieAnalyzer junquanchen$ ls
App.js                      components          package.json
__tests__                     constants           screens
app.json                     navigation         yarn-error.log
assets                        node_modules
babel.config.js              package-lock.json
(base) V_JQUANCHEN-MB1:movieAnalyzer junquanchen$ expo start
```



Select “Run on IOS simulator”

1st: Login page Test

After running the program this should be the first page (Login page) show up.

reddmo

WELCOME

Your name

Your password

Do not have account?

[<Create new account>](#)

Login

To test the login page lets first go to the registration page and create a user with username: David and password:1234.

reddmo

Note

Successfully creat an Account

OK

Your Name

Your password

Do not have account?

<Create new account>

Login

Then we first test whether it will check the user has already entered the username and password.

If we click login without any input, an Alert will pop up like bellow.

reddmo

Alert

Please enter user name

OK

Your Name

Your password

Do not have account?

<Create new account>

Login

**Then let try entering a username without password.
There should also pop up an alert.**

reddmo

Alert

Please enter password

OK

Daved

Your password

Do not have account?

<Create new account>

Login

Then let's try entering incorrect username and password. Ex.(david, 123),(David,1234)

reddmo

Alert

Incorrect username or password

OK

Davide

••••

Do not have account?

<Create new account>

Login

At last, after we enter the correct username and password, we should be able to navigate to the main app page as below. Ex. (David, 1234)

10:07



reddmo

Search a movie...

search

favorite

2nd: Registration page Test

we first test whether it will check the user has already entered the user name and pass word.

If we click login without any input, an Alert will pop up like bellow.

reddmo

R

Alert

Please enter user name

Yo

OK

Your password

Sign up

Back

**Then let try entering a username without password.
There should also pop up an alert.**

reddmo

R

Alert

Please enter password

D

OK

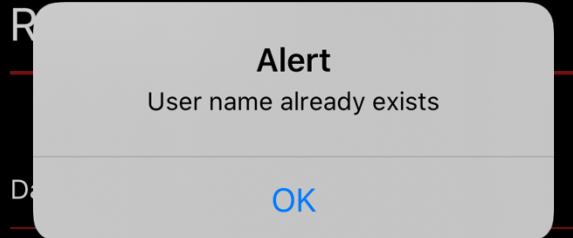
Your password

Sign up

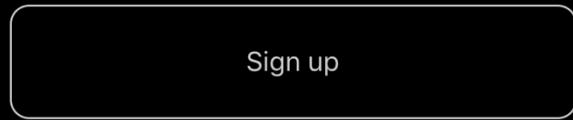
Back

Let's try entering the existing username. It should pop up alert that notify user to use another username.

reddmo



...



Back

**Then let's use a new username. Ex. junquan,123
You will be automatically redirected to the login page
to enter your username and password.**

reddmo

Note

Successfully creat an Account

OK

Your Name

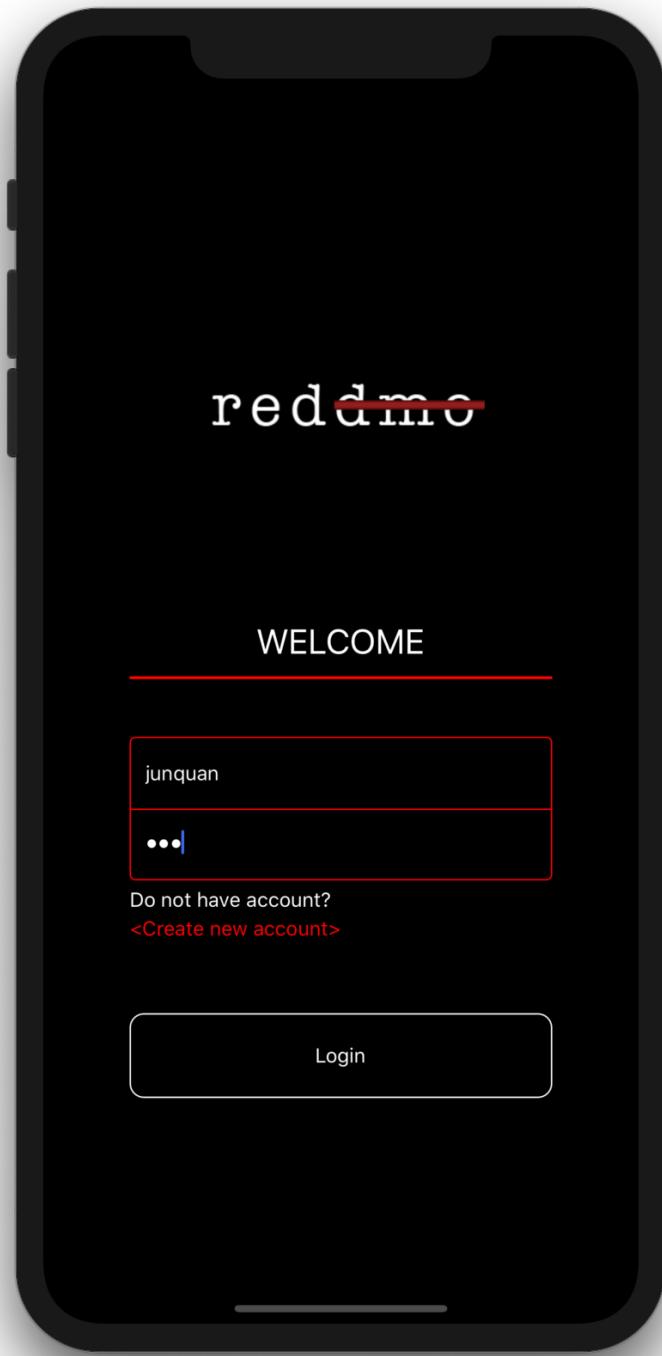
Your password

Do not have account?

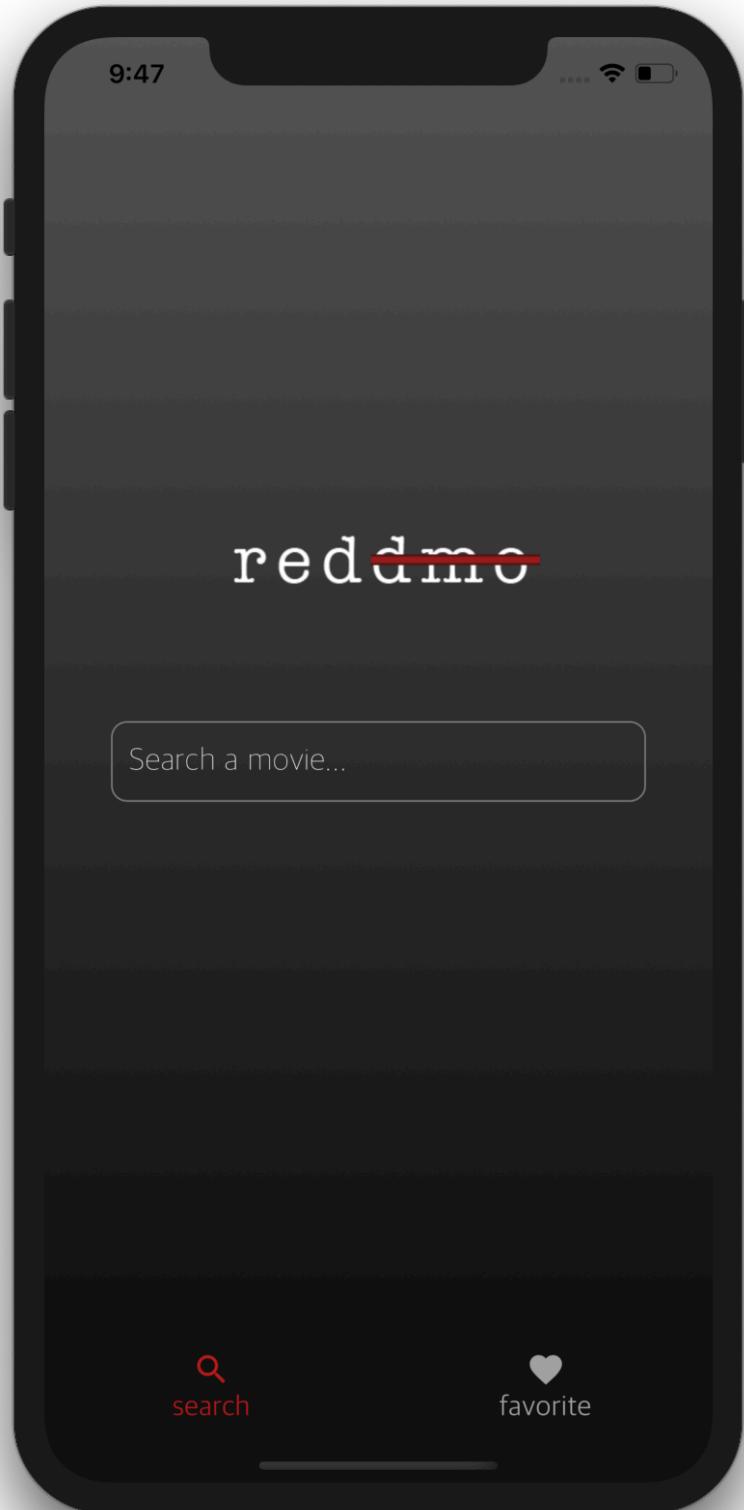
<Create new account>

Login

Let's use the new username and password to login.



iPhone 11 Pro Max — 13.2



iPhone 11 Pro Max — 13.2

3rd Check Mongo dB:

We are using mongo DB Atlas as our data cloud service.

If going the online Mongo DB atlas web page you can see the following data on the page.

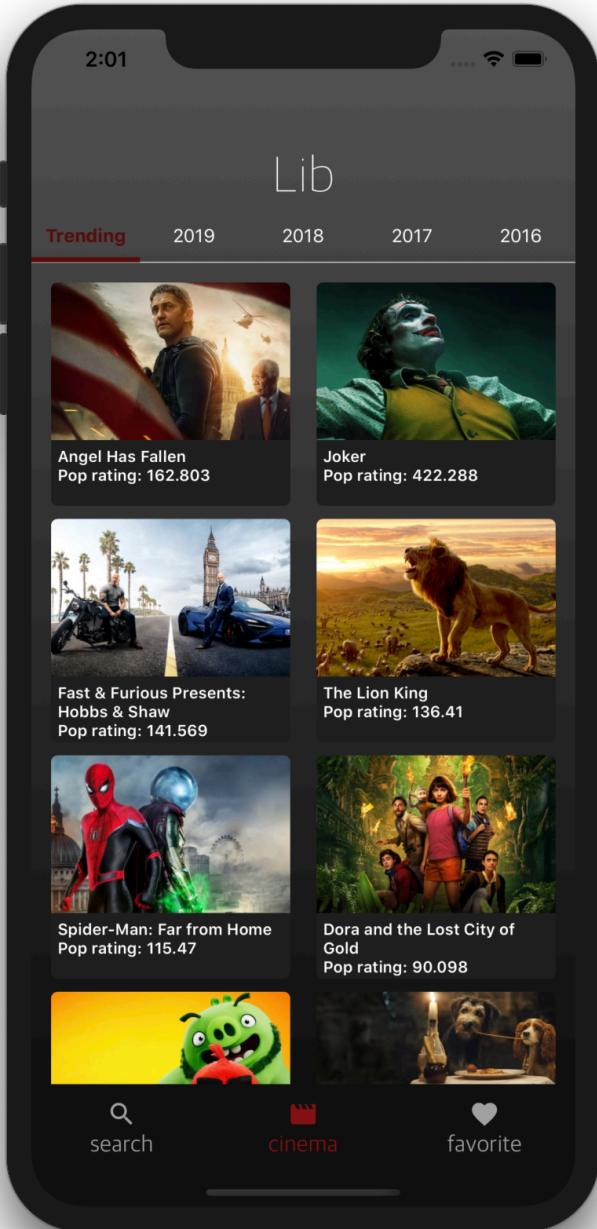
The screenshot shows the MongoDB Atlas interface. On the left, there's a sidebar with a '+ Create Database' button, a search bar labeled 'NAMESPACES', and a tree view showing a database named 'app' with a collection named 'movie_reviewer' selected. The main area is titled 'app.movie_reviewer' and shows collection details: 'COLLECTION SIZE: 1.12KB', 'TOTAL DOCUMENTS: 2', and 'INDEXES TOTAL SIZE: 36KB'. Below this are tabs for 'Find', 'Indexes', 'Aggregation', and 'SearchBETA'. A 'FILTER' button with the value '{ "filter": "example" }' is present, along with 'Find' and 'Reset' buttons. The results section is titled 'QUERY RESULTS 1-2 OF 2' and displays two documents:

```
_id: ObjectId("5e95283f977007e6b703675d")
user_name: "David"
pwd: "1234"

_id: ObjectId("5e93d33515f98f727cc2ec0f")
user_name: "junquan"
pwd: "1234"
avatar_uri: "file:///Users/mike/Library/Developer/CoreSimulator/Devices/4CD24DF4-CD...
email: "junquan2@illinois.edu"
bio: "I'm new"
name: "Junguan"
> favs: Array
```

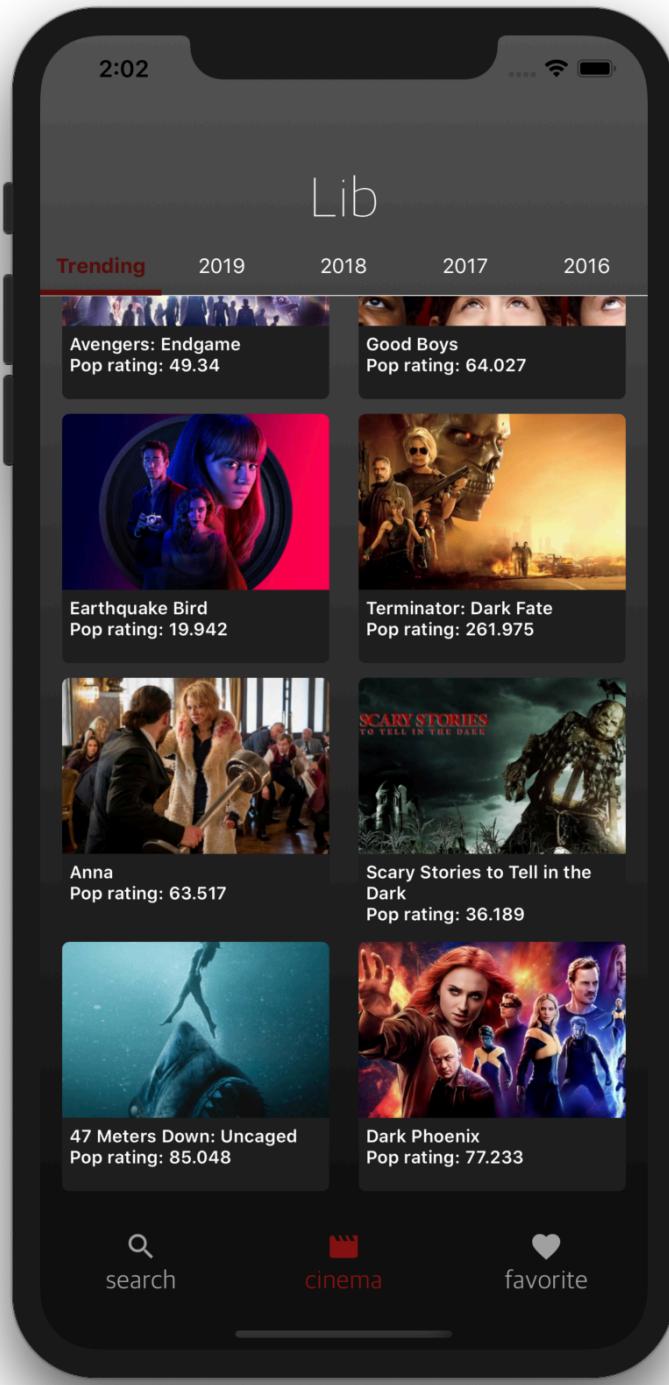
At the bottom, there's a footer with 'System Status: All Good Last Login: 68.180.36.97' and links for 'Status Terms Privacy Atlas Blog Contact Sales'. A green circular icon with a white speech bubble is also visible.

4th: use the bottom navigation bar to go to the cinema page. Below screen should be the first page that show up.



iPhone 11 Pro Max — 13.2.2

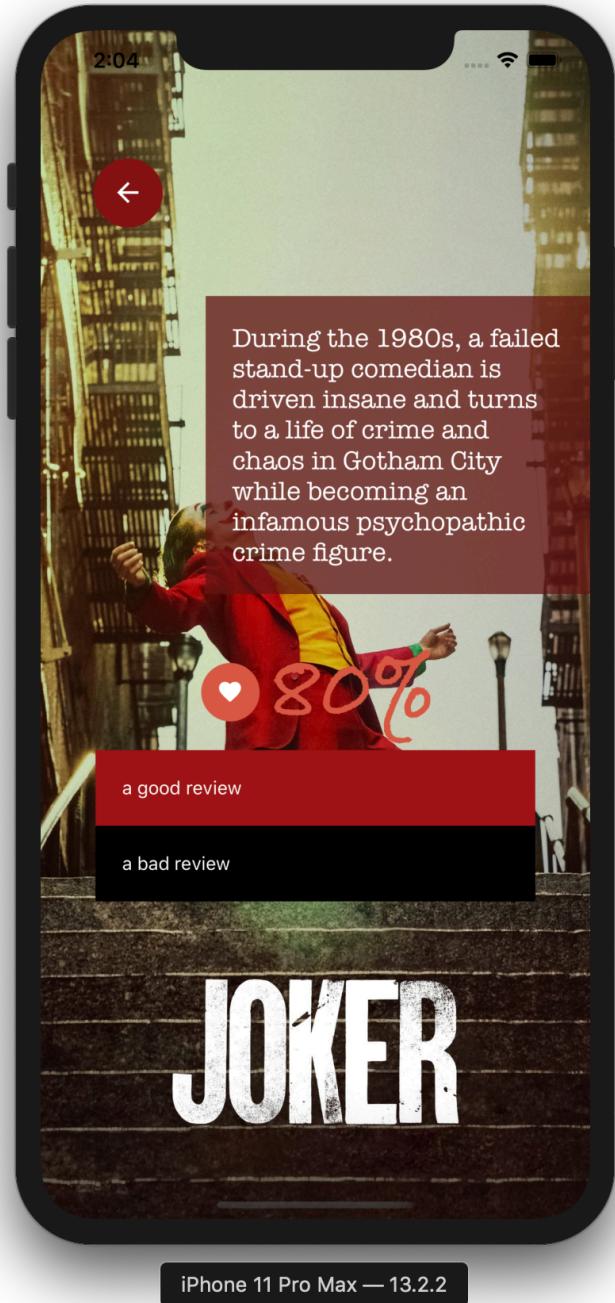
You will see the trending movies in the trending page and you can scroll it to see more of them.



iPhone 11 Pro Max — 13.2.2

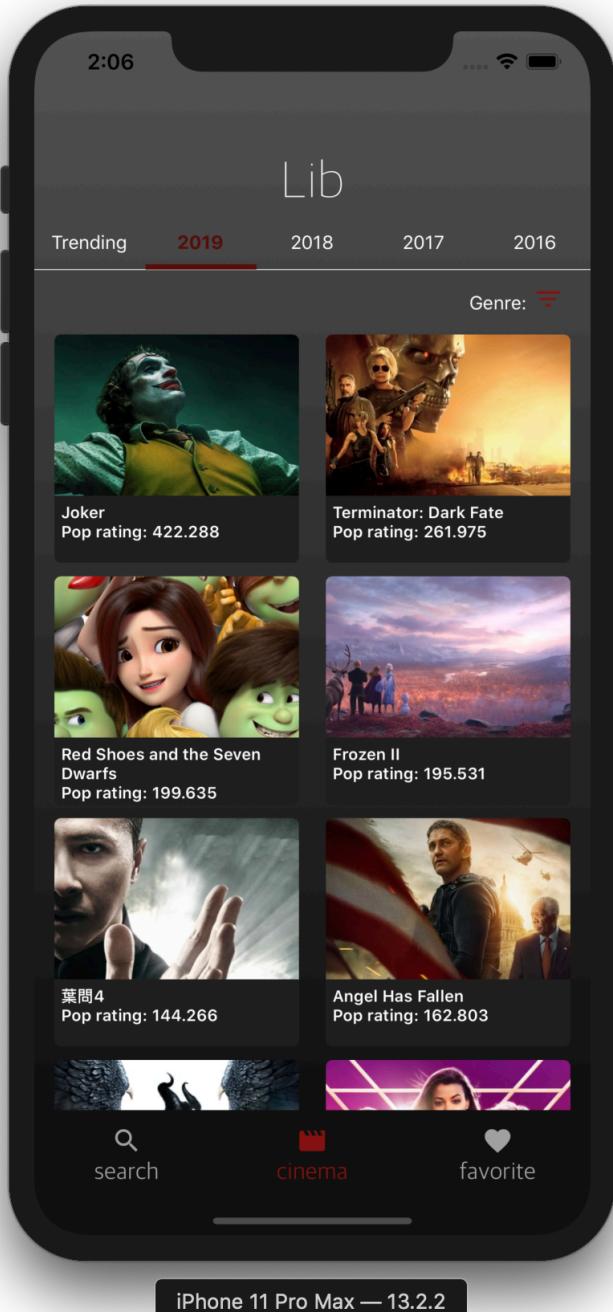
Then click on any one of them. You should be directed to the movie detail page. And in the detail page you

can click the back button on the top left to go back to the cinema page.

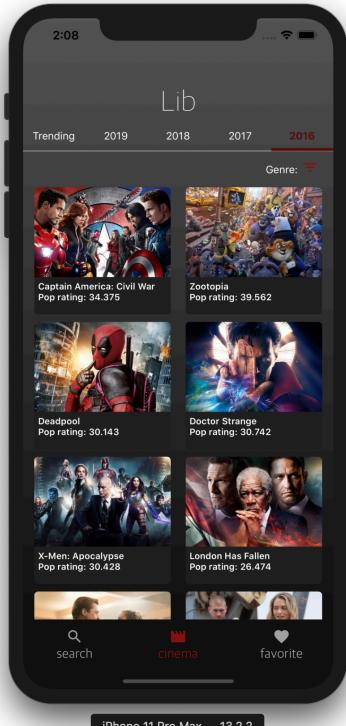
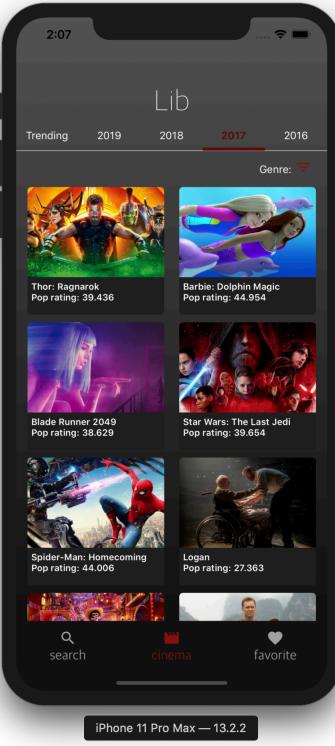
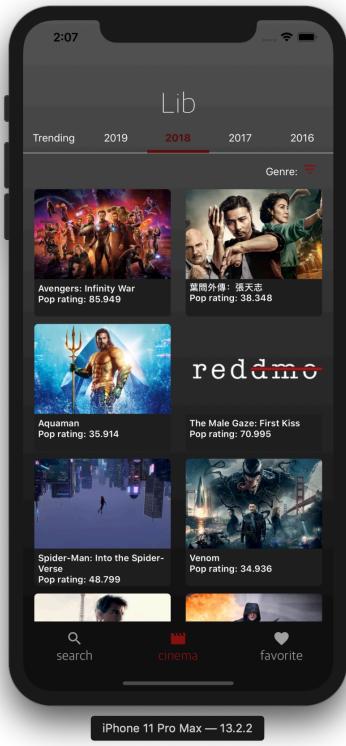


Then try to slide left in the tab view or click on the other tabs. Here let's try slide left or click on the 2019

tap. You will see the movies list in 2019 sorted by the popularity.

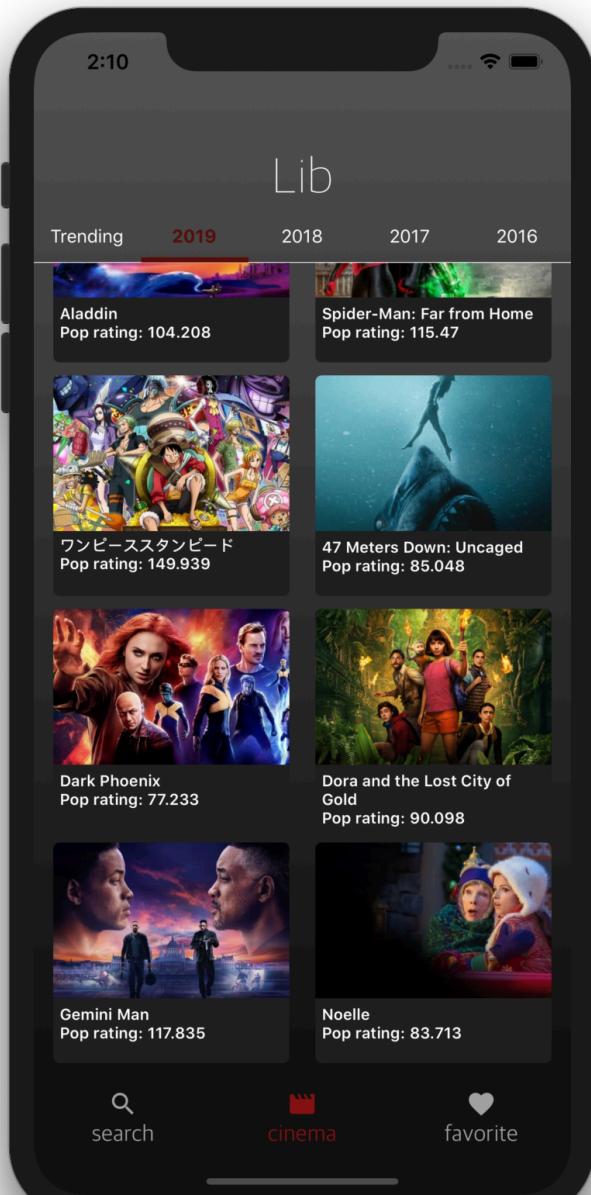


Then try slide to left or right to make sure all of the pages can be accessed by sliding the screen.



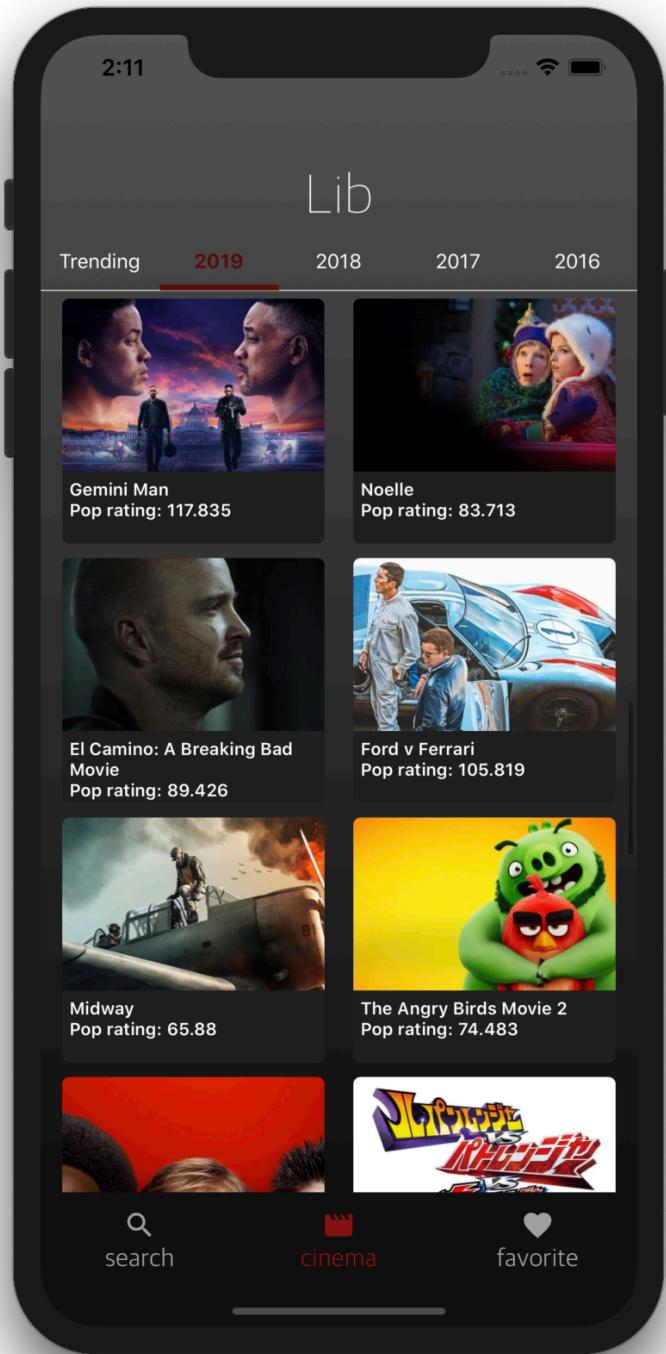
In the 2019 movie list view, you can try scroll down to the bottom, since there are 20 movies shown in the

current page. If you want to see more, you need to scroll down to the end to load 20 more movies.



iPhone 11 Pro Max — 13.2.2

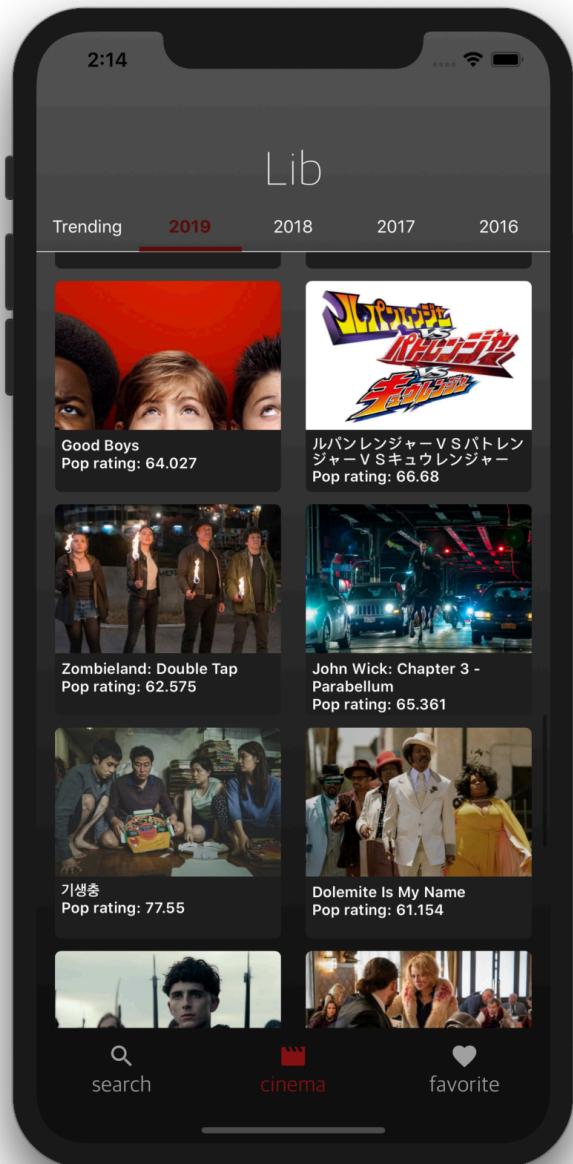
**This is the bottom of the 1st page.
Then you should find that there are more movies
appeared below.**



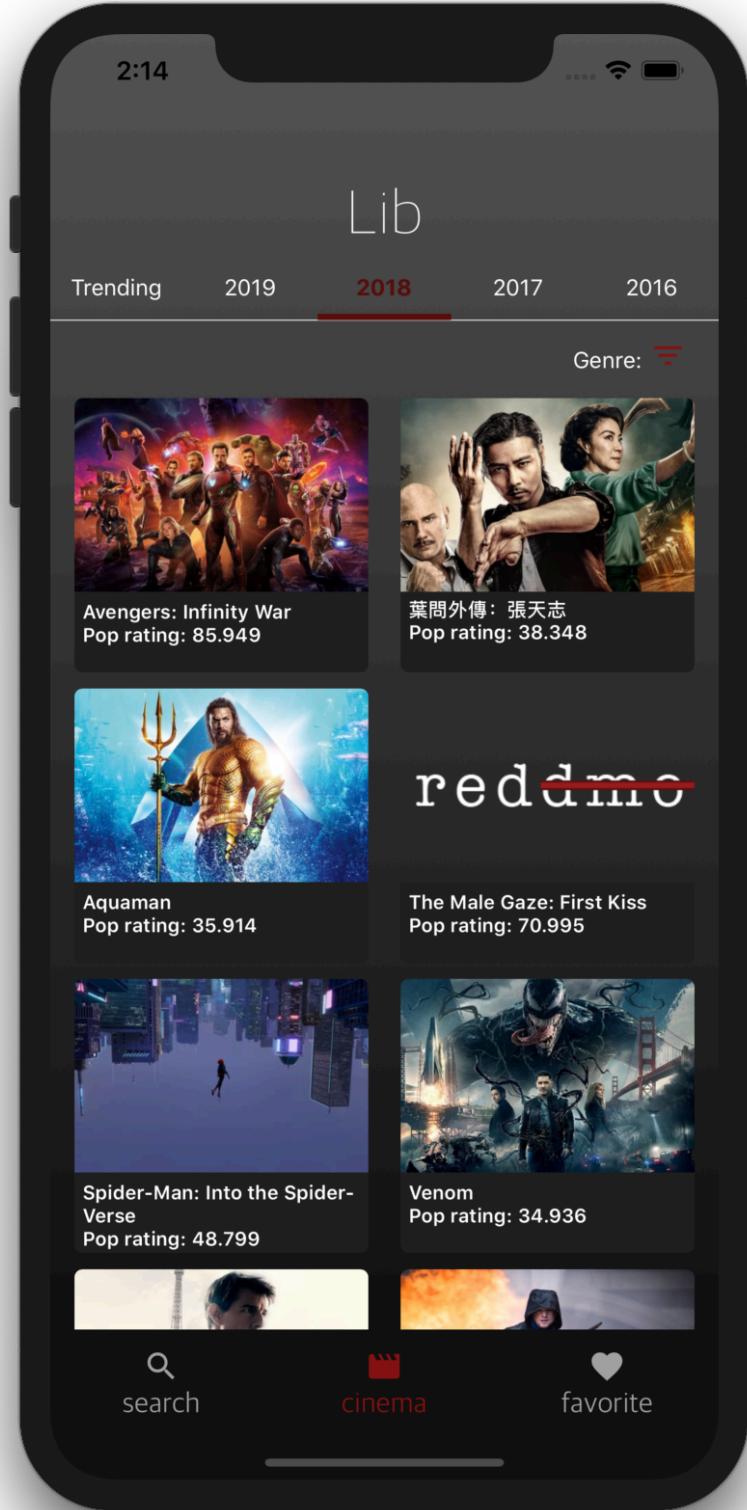
iPhone 11 Pro Max — 13.2.2

Since the loading movies will be stored in the app after you first load them. Go to another page and go back

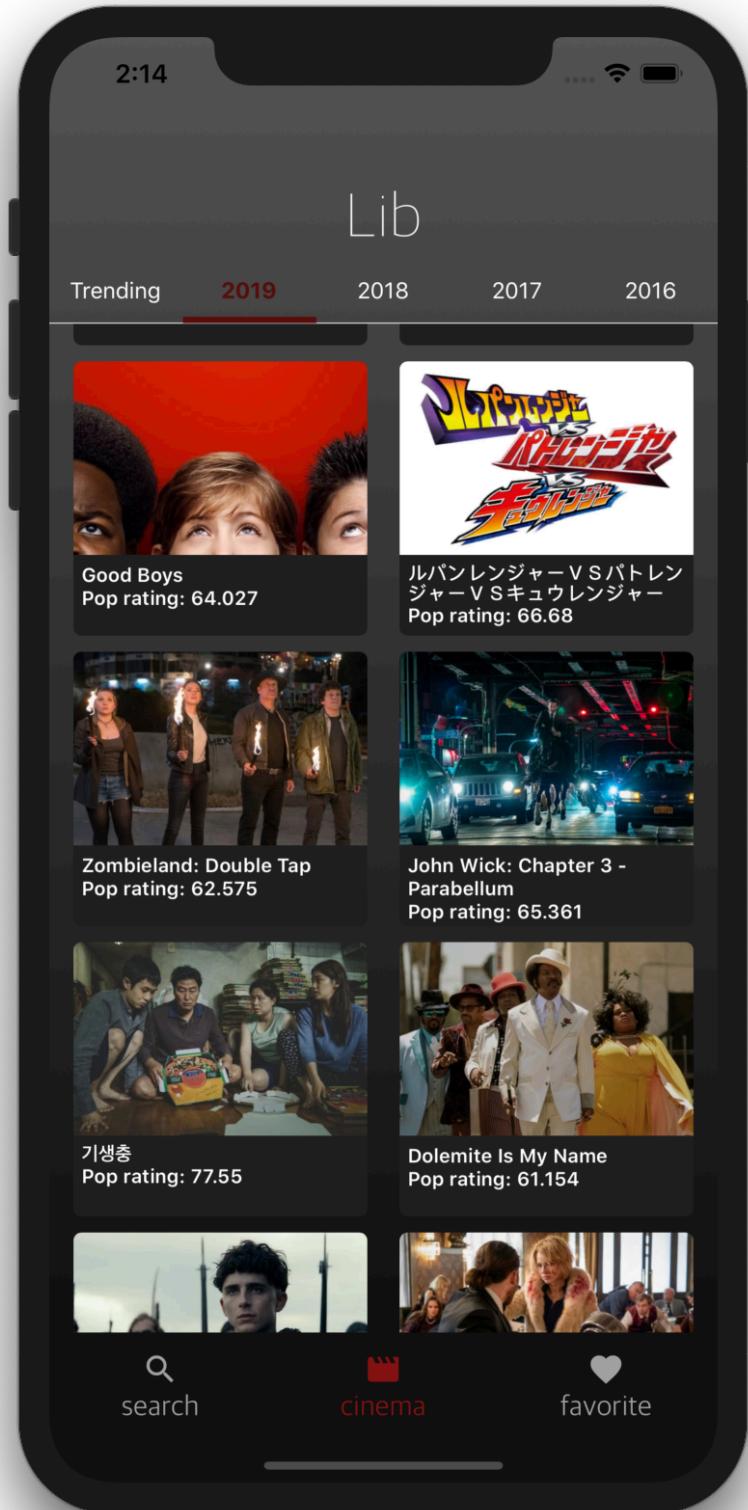
you should still be able to see the movies you loaded before.



iPhone 11 Pro Max — 13.2.2

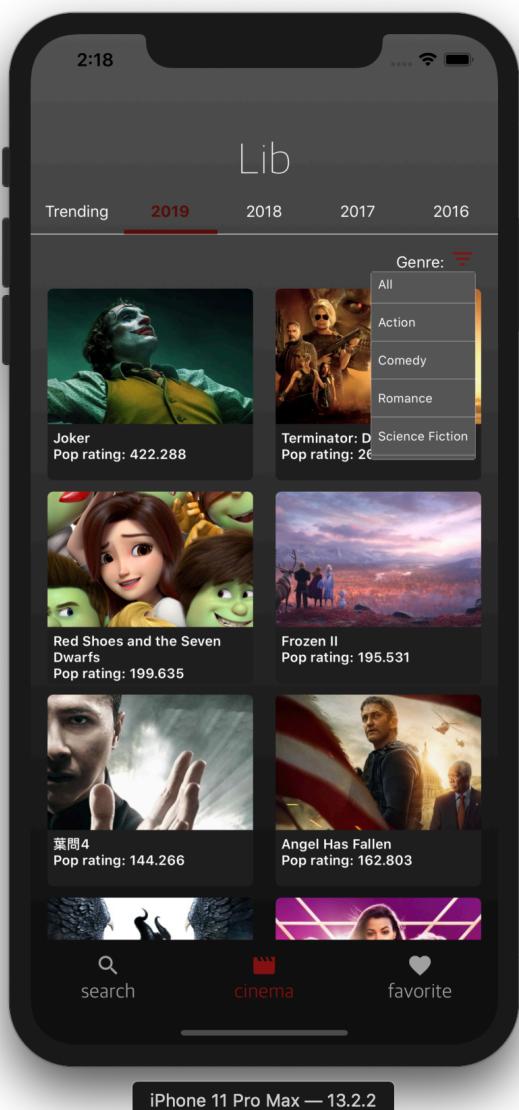


iPhone 11 Pro Max — 13.2.2

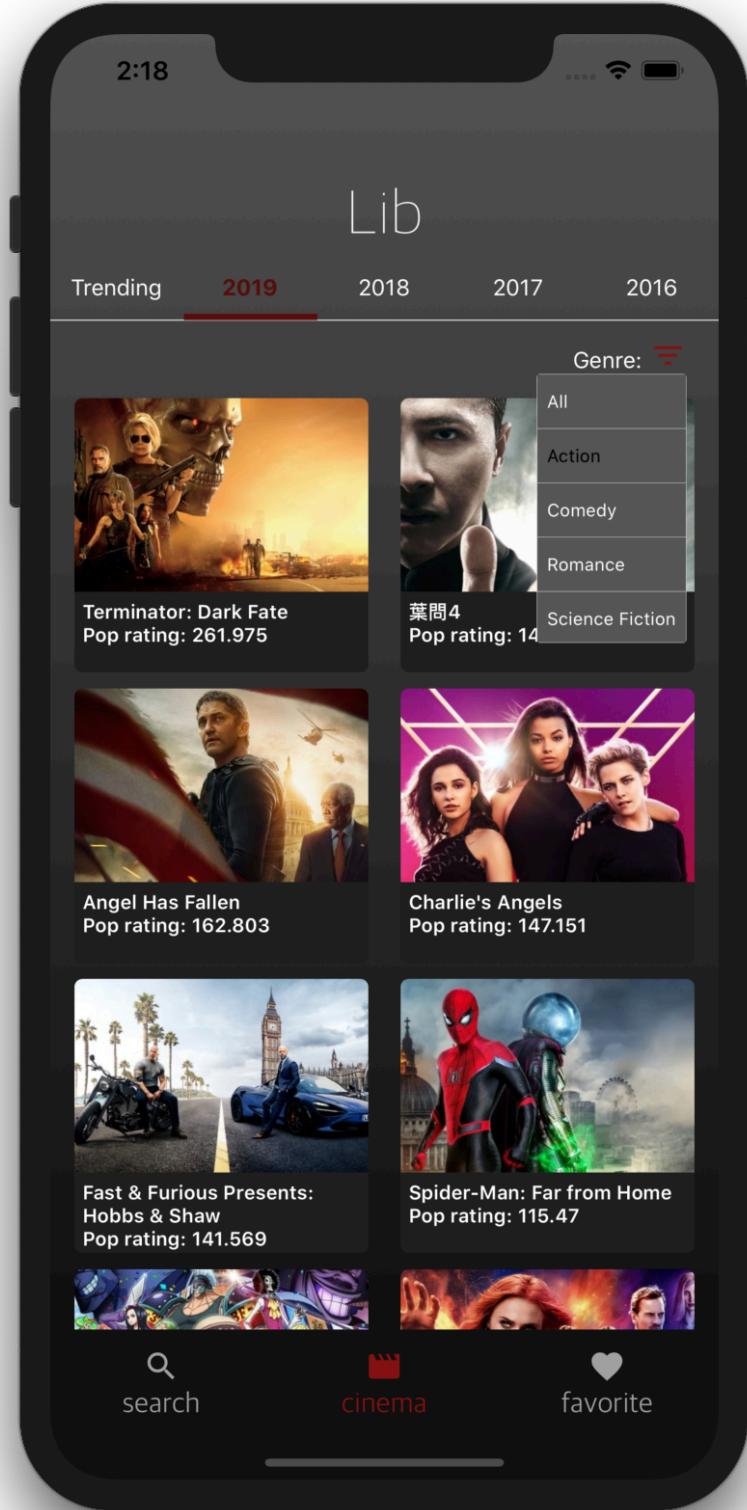


iPhone 11 Pro Max — 13.2.2

In the pages 2019, 2018, 2017 and 2016, you can see that there is a genre filter on the top right. If you click on it, it will show you the following genres: ['All', 'Action', 'Comedy', 'Romance', 'Science Fiction', 'Animation']. Click on any one of them you will see the movies in that specific genre.

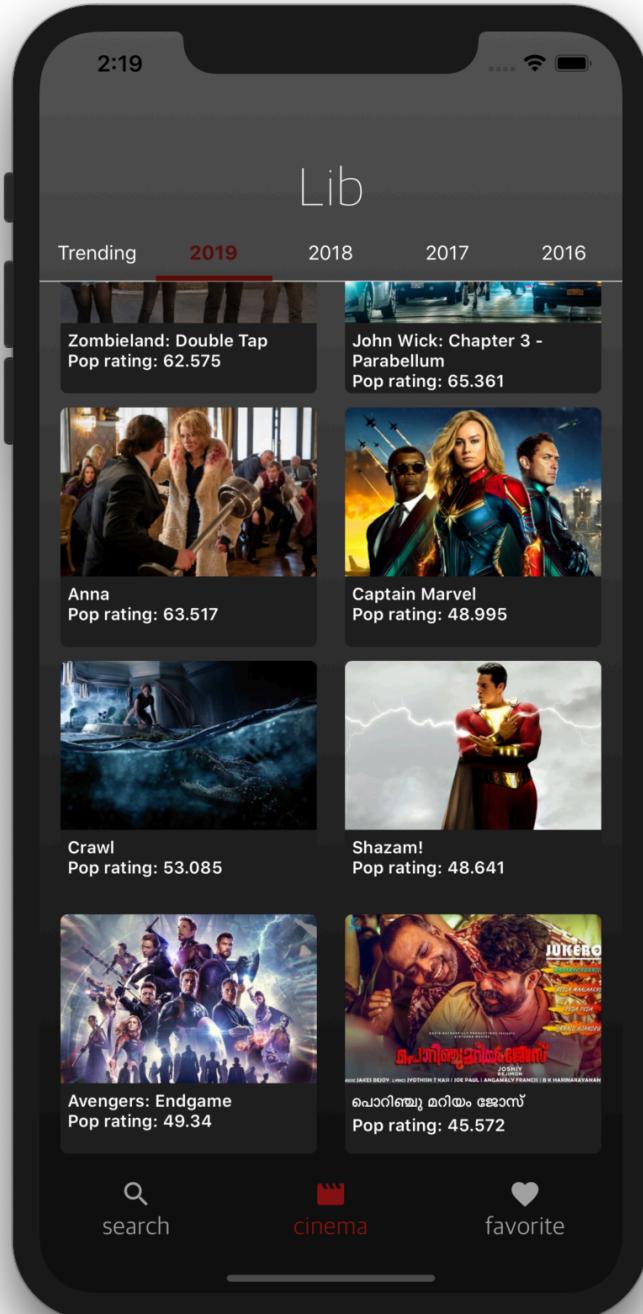


iPhone 11 Pro Max — 13.2.2



iPhone 11 Pro Max — 13.2.2

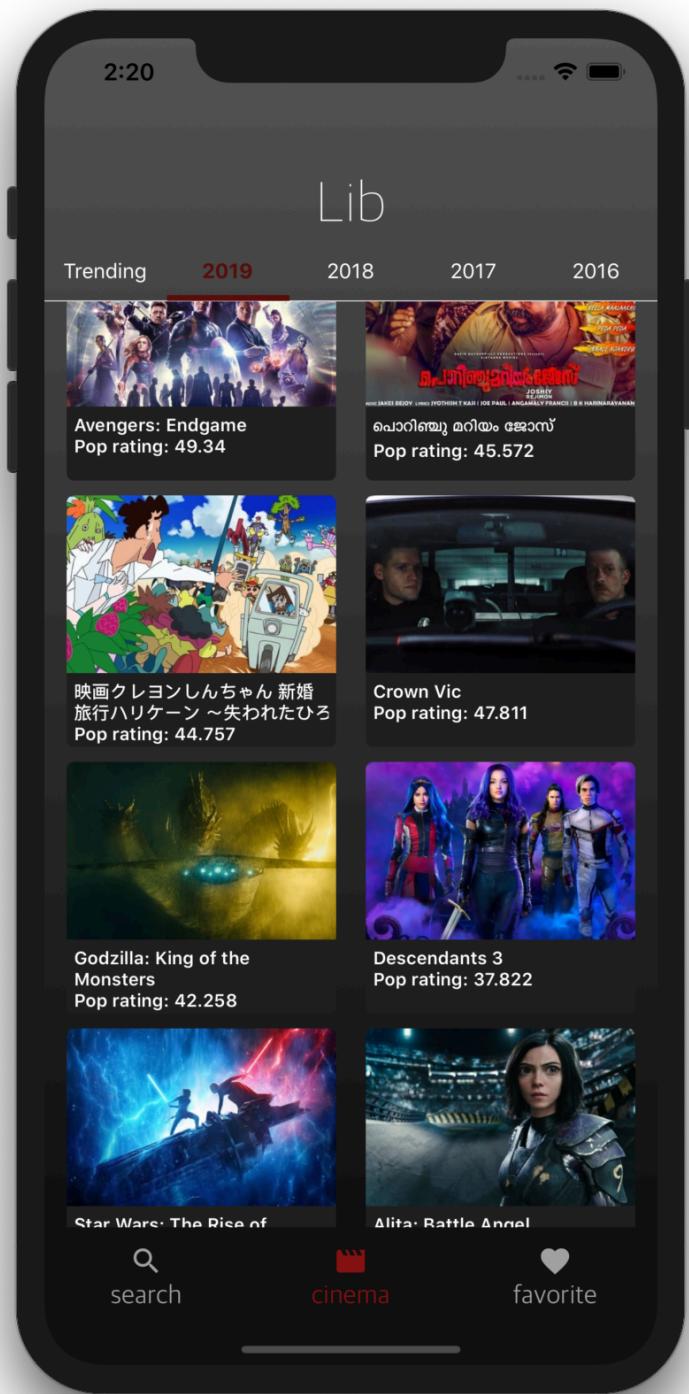
Also if you scroll down to the bottom of the page, you will load 20 more movies in the same genre .



iPhone 11 Pro Max — 13.2.2

This is the bottom of the 2019 action movie list.

Then you will see the 20 more movies like below.



iPhone 11 Pro Max — 13.2.2

The following features should be tested in all of the year pages(2019,2018,2017,2016) that including “Going to the detail page”, “Lazy loading for more movies” and “Filtering the movies based on the genre”.