MongoDB
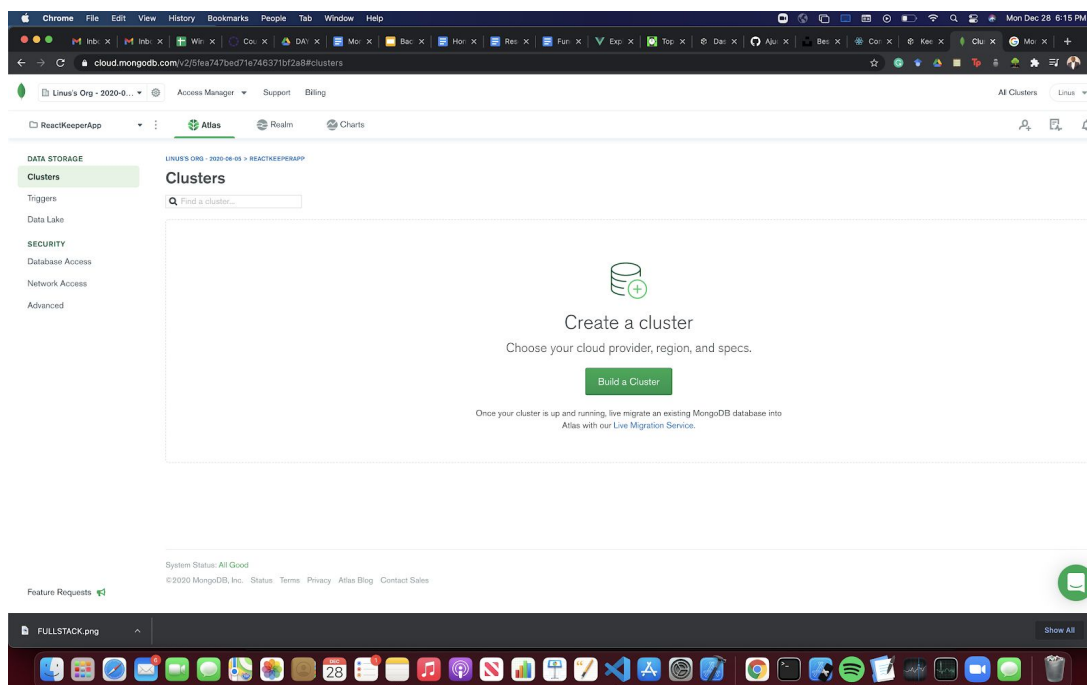
MongoDB is a cross-platform document-oriented database program. Classified as a NoSQL database program, MongoDB uses JSON-like documents with optional schemas. MongoDB is developed by MongoDB Inc. and licensed under the Server Side Public License (Wikipedia)

We can use MongoDB by installing it on your computer or server(in production) or use MongoDB atlas, the global cloud database. In this course, we will use MongoDB atlas since its relatively easy to set up. However, this could have additional costs when scaling your application so I would advise further reading on installing MongoDB on your server and computer locally.
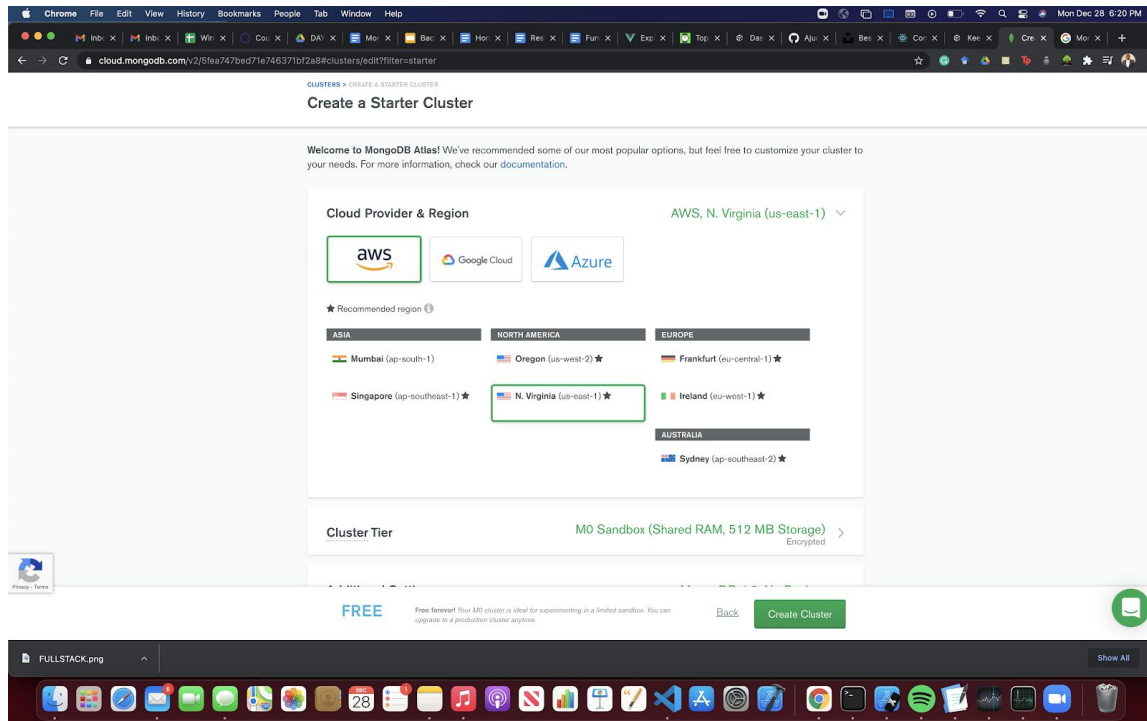
Getting started.
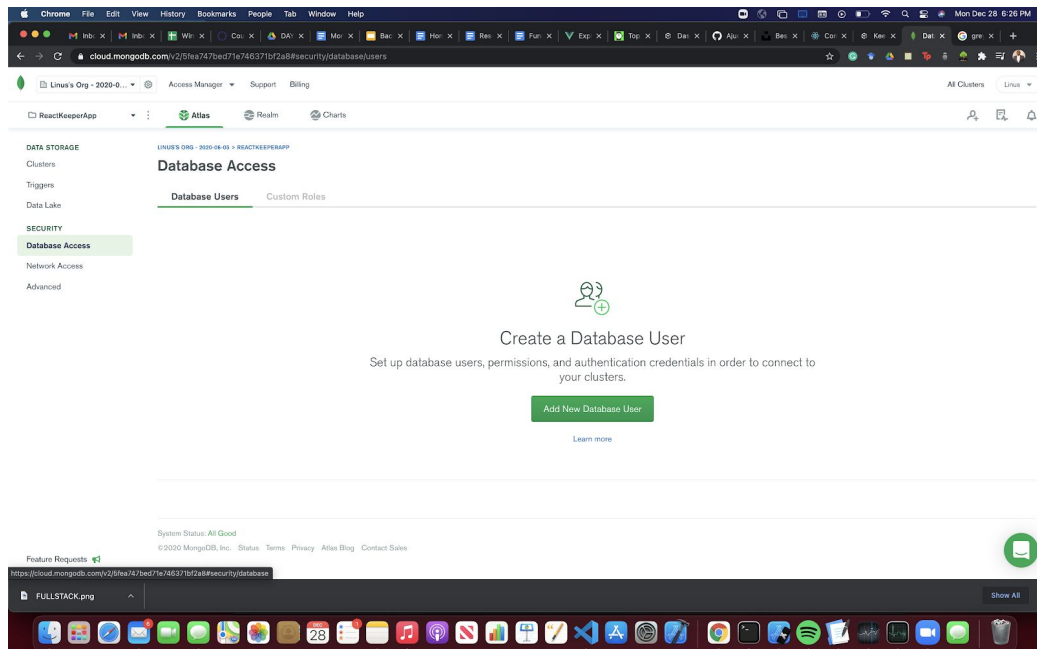
Click this link and login or signup at MongoDB.
Click on the create a new project button. Type in the name of your project as "ReactKeeperApp" and click next. Ignore the add teammates prompt and finish the setup.

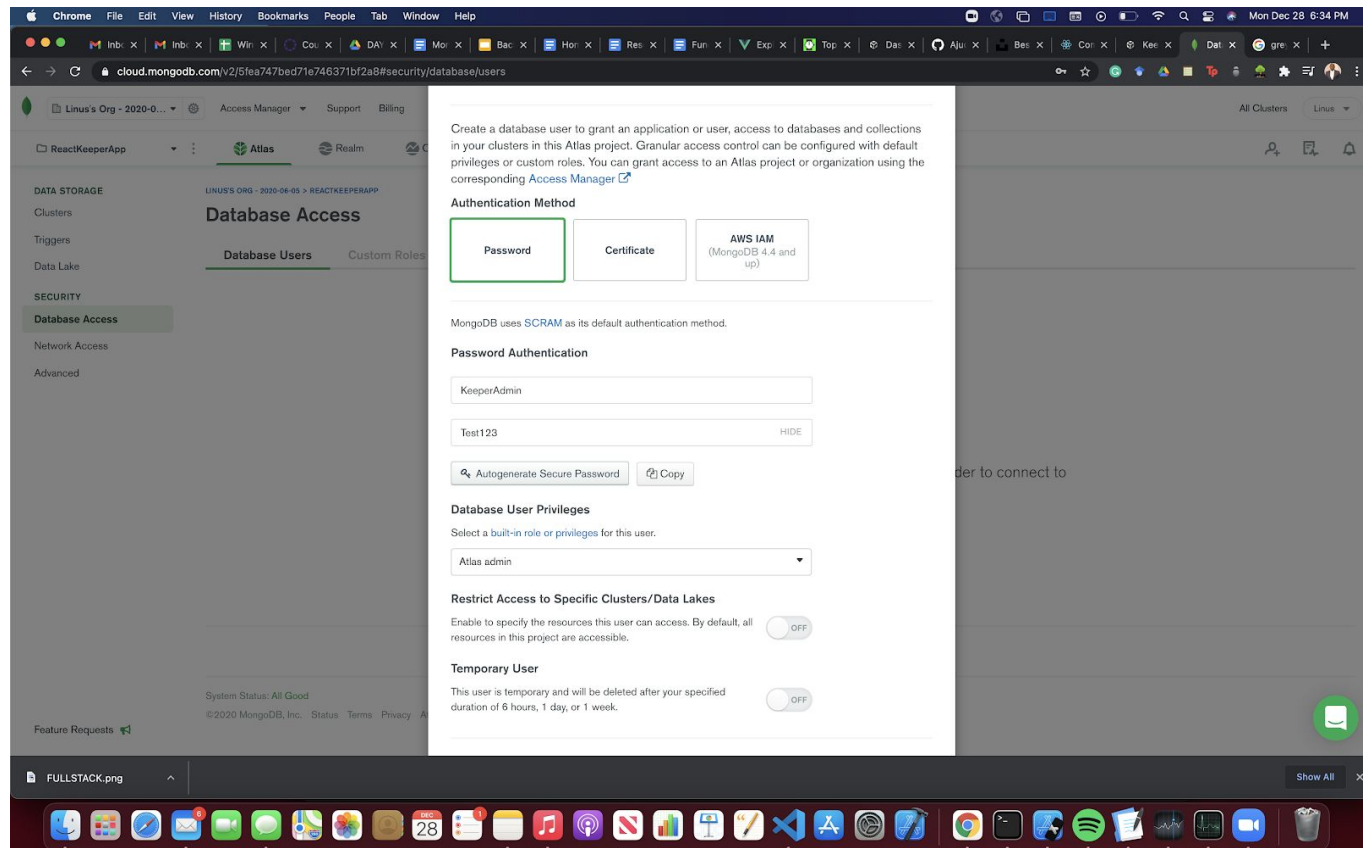Click on Build a Cluster. Select the free options on the next page.

Do not change anything on this page and proceed to create a cluster. It might take several minutes so grab some coffee and watch an episode Grey's Anatomy.
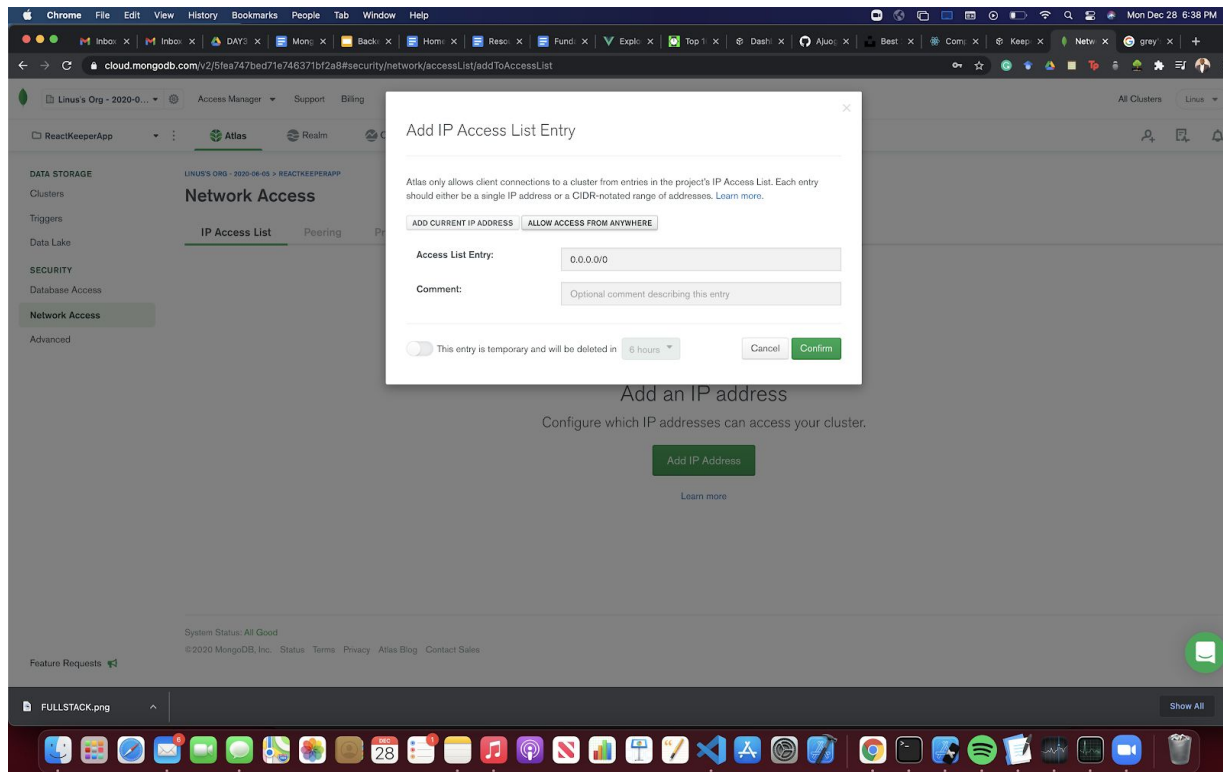
The next thing is to set up the user and password that will be used in applications to access the database.

Click on "Database Access" under SECURITY. Then click "Add New Database User".

Follow these configurations and use your unique username and password.

Next, click "Network Access" just below the "Database Access" and click Add IP Address and then click "Allow access from Anywhere". When deploying your backend to servers you will not have to reconfigure the IP address. Confirm to close and complete that step. This might take another few minutes so continue watching your TV show.

We will use this current progress in the upcoming class on the Keeper App.

Meanwhile, if you are curious about what comes next, check out the
MongoDB documentation on CRUD operations.