

YipYap - Project Documentation

What is YipYap?

Do you like dogs? Just want a pick me up? Ever wished for an endless stream of dog pictures? If yes, YipYap is the app for you. YipYap is your one stop shop for the best dog photos anywhere on the internet. Post pictures of your dog and share your appreciation of other dogs. Never before has it been easier to share the love for man's best friend!



How does the frontend work?

Centered around a post/feed organization, the user will be presented with a feed of pictures uploaded to the app. The pictures are part of a post that include a like bone button, number of likes, and dog name. The user essentially has two choices for how to use the app. One option is to stay in the feed, and scroll through the available posts. The other option is to upload a picture to create a post. The user can switch back and forth between these two functions using buttons.

How does the backend work?

The app is designed primarily around storing and fetching data from a database. We used Firebase as our database and connected our Firebase to the app. The data is contained in a class "Post" with members for the image, like button, number of likes, and the dog's name. Backend was almost exclusively involved with storing user inputs in the database, fetching the data, and then directing the data towards the frontend to be displayed. APIs, libraries, and dependencies such as Picasso Android and Cropping tool were used to add functionality to the app.

Github: <https://github.com/EC327yipyap/yipyap>