

Why make ANOTHER MESSAGING APP?

Although there are already so many messaging apps out there, we believe that Circles deserves to stand among them. The user experience offered by Circles is unlike any other, and could easily compete with other more basic and boring casual messaging applications.

Goals

Making a full stack application from scratch in the timespan of a semester proved to be a very difficult task. That being said, we are very pleased with how far we have come with Circles. However, in order to truly be a complete messaging app, there are a lot of things that still can be done to improve performance, incorporate expected functionality, guarantee security, and improve the user experience altogether. The list of things we want to include is an ever-growing list, and so we plan to continue this project in our free time, and hopefully get it on the App Store. At the very least, this project is providing us with plentiful application development experience.

Circles

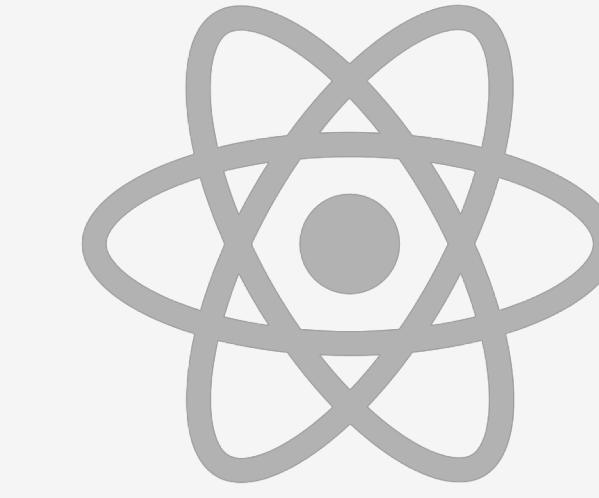
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Spring 2019 – Senior Project Laboratory
<https://github.com/edward-and-brian/circles>



Circles is a messaging application which boasts a simple and lightweight design like iMessages and Messenger. However, unlike those apps, Circles incorporates a unique organizational structure that we call "circles", of course. We believe that this compilation of original and tried-and-true design will create an amazing user experience.



Frontend:



React Native

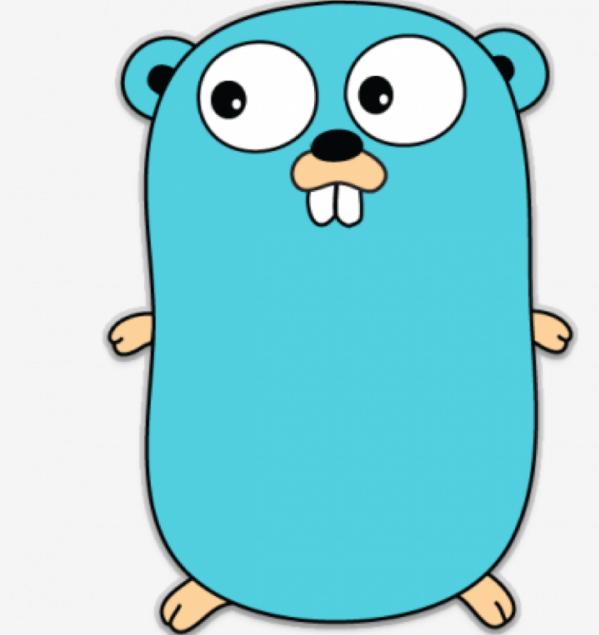


TypeScript

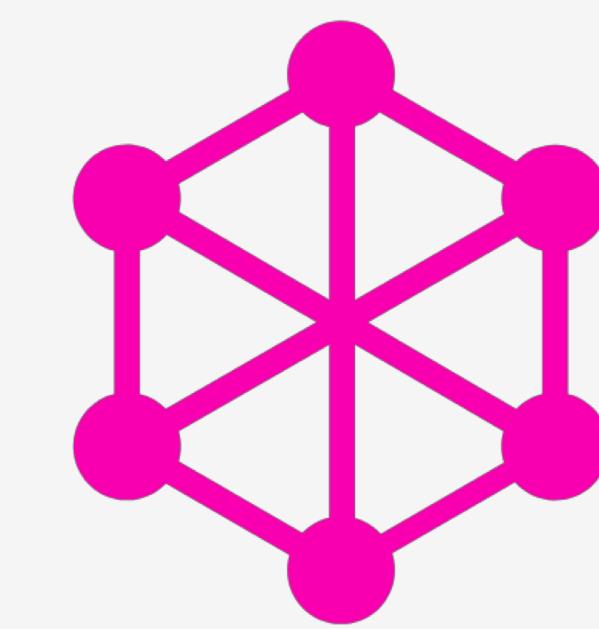


Apollo GraphQL

Backend:



GoLang



GraphQL



SQLite

Post MVP

- Open sockets for live updates
- Retrieve contacts from phone
- Add animations to spice app
- Move message data to Redis
- GraphQL Loaders? Caching.
- Authentication & Authorization
- Store images/videos in buckets
- Publish to Play Store and App
- Store & deploy server