ReadMe

List of Team Members

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Name of Project

Friends

It’s an iOS social media application where you and your friends can share pictures with one another. Each friend can add one another and as soon as that happens they can see each other feeds.

List of Dependencies

iOS 13.5/Swift 5.2

pod 'Firebase/Analytics'

pod 'Firebase/Auth'

pod 'Firebase/Firestore'

pod 'FirebaseFirestoreSwift'

pod 'Firebase/Storage'

Go to Friends folder and type “pod install”

Special Instructions

Go to Friends folder and type “pod install”

Use iPhone 11 Pro Max simulator.

Open Friends.xcworkspace instead of Friends.xcproject due to dependencies.

Register with any account. Try posting and viewing the posts in the home page, liking and commenting on them. Also, try attaching images and files to the posts. It might be the case that we ran out of Firestore Storage Transfer bandwidth of the day so the images and files might not always load. Try anyway. Also, due to difficulty in automatic resizing of posts depending on content being bugged, the posts might load strangely when you scroll up and down. Please try your best to use this feature anyway, this is the known bug of our app. From the home page, click your own profile picture to view your profile page. Here you can tap to set any of your profile details, including image, name, username, email, location, birthday, and phone number. Scroll down to view the posts that you have made. Go to friends tab bar button and add the following names as users(case sensitive):

“Andrew Kim”

“Rodrigo Velasco”

“Simon Xie”

“Sophia Kim”

Go back to the home page and view your home feed. Should be updated with most recent posts either from you and your friends. Add a new post and watch it appear on the top of your home feed as the latest post. Go to settings and play with the settings. Go to any of the friends that were added and try blocking them and then go to settings blocked friends to remove them from the blocking list by swiping left and pressing delete. Also, if you want to test local authorization, just click on the simulator features -> faceId -> enrolled. By doing this the app knows the simulator enables Biometric Authorization, so it will prompt FaceId if enabled in settings.

Play with the app.

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| **Feature** | **Description** | **Percentages** |
| Firestore | Managing firestore information | Andrew Kim - 33%  Simon Xie - 33%  Rodrigo Velasco - 33% |
| Local Authorization | Enabling FaceID/TouchID capabilities | Rodrigo Velasco - 100% |
| Settings Page | Settings Page includes features like dark mode, screen security, block friends, logging out, and enabling automatic biometric login, deleting the account. | Andrew Kim - 30%  Rodrigo Velasco - 70% |
| Home Page | Home page UI and Feed data | Andrew Kim - 100% |
| Friends List | List all current friends and searching for new friends | Simon Xie - 85%  Andrew Kim - 15% |
| Profile Page | Profile page UI and Feed data | Andrew Kim - 90% (Rest)  Simon Xie - 10% (Friends List) |
| New Post Page | New post page, adding attachments, adding pictures/camera | Andrew Kim - 66% (UI, Submit Post, File Attachments)  Simon Xie - 33% (Camera, Picture attachments) |
| Firebase Storage | Uploading and downloading files/pictures from Firebase Storage | Andrew Kim - 100% |
| Login Screen | The main screen that allows access inside the app | Rodrigo Velasco - 100% |
| Firebase Authentication | Managing Firebase Account Authentication | Andrew Kim - 33%  Simon Xie - 33%  Rodrigo Velasco - 33% |
| Likes and Comments | Likes and comments on posts and comments page | Andrew Kim - 100% |