LetsTalk™

Developers | Abdul Baflah and Shrey Arora

Status Summary

Work Done

1. Interface design with partial functionality has been developed for the Welcome page, Login page, and Registration Page.
   a. Being able to switch around between these pages that obey our restrictions
   b. Able to type in text boxes
2. A Firebase database has been set up for the project and is already connected via Swift Package manager.

Changes/ Issues Encountered

1. Minor interface changes have been made to align with Swift code restrictions
   i. Font style and size has been adjusted in welcome page

Patterns

1. No pattern has been implemented yet

Plans for Next Iteration

Our estimate on the remaining amount of work that needs to be done 2 hours each day for 4 weeks.

Below is our plan of tasks that need to be completed at the presentation time.

1. Create the code necessary to sign up/login and validate emails
2. Create basic Interface that will suffice for a messaging page
3. Develop the classes to make the messaging work between two accounts
4. Employ the database into the project so the chats are saved
5. Add the rest of functionality that the project demands
   a. Group chatting
   b. Notifications
   c. Images

By 12/7, we plan to have a functioning messaging app that is able to send and receive text messages between two users at least. Moreover at that time, our database will be able to provide all the current users in our app to a new user so they can create a new chat.

Class Diagram

SceneDelegate Class

Window : UIWindow

scene(session,connectionOptions)
sceneDidDisconnect(scene)
sceneDidbecomeActive(scene)
sceneWillResignActive(scene)
sceneWillEnterForeground(scene)
sceneDidEnterBackgrounf(scene)

AppDelegate Class

Window : UIWindow

application(didFinishLaunchingWithOptions)
application(url)
application(configureForConnecting)
application(didDiscardSceneSessions)

ViewController class

viewDidLoad()

LoginViewController class

email: String
password: String

viewDidLoad()
endEditing(sender)
endEditingPass(sender)
loginLetsTalk

SignUpViewController class

name: String
email: String
password: String

viewDidLoad()
endEditingName(sender)
endEditingEmail(sender)
endEditingPass(sender)
joinLetsTalk