PROJECT PROPOSAL

piggy

1. Project Overview

Piggy is a social media app for investors that will allow users to create a profile where they can interact with other investors, manage their stocks and bitcoins. They will also be able to create groups to talk about investment opportunities, ask for advice, and learn something new.

2. Goal

The initial goal was to create a place where people can manage all their portfolios. But since connecting the app to companies like Robinhood, Ameritrade, and Coinbase is unrealistic for the project's deadline, I decided to leave that feature for a future stage of the app. So the first version would be a social media for investors to interact and create groups to talk about specific investments.

3. Problem

There is currently a lack of a specific platform where users can manage their portfolios and share investment knowledge.

4. Market Research and Competition

The market research showed that there aren't any competitors providing the type of social interaction proposed by Piggy.

5. Software

Piggy will be developed for iOS using XCode 11 and coding in Swift 5 and Firebase as a backend. The first step will be prototyping the app using Sketch to create high-fidelity wireframes. For the UI design standards, we will be using SwiftUI and the Human Interface Guidelines provided by Apple. The project will be managed using GitHub issues features.

6. Hardware

To develop iOS apps using the latest technologies a Macbook will be used for development and an iPhone 12 will be used for auxiliary testing.

7. Design

piggy

Aa

Brand Typeface
Mazzard H

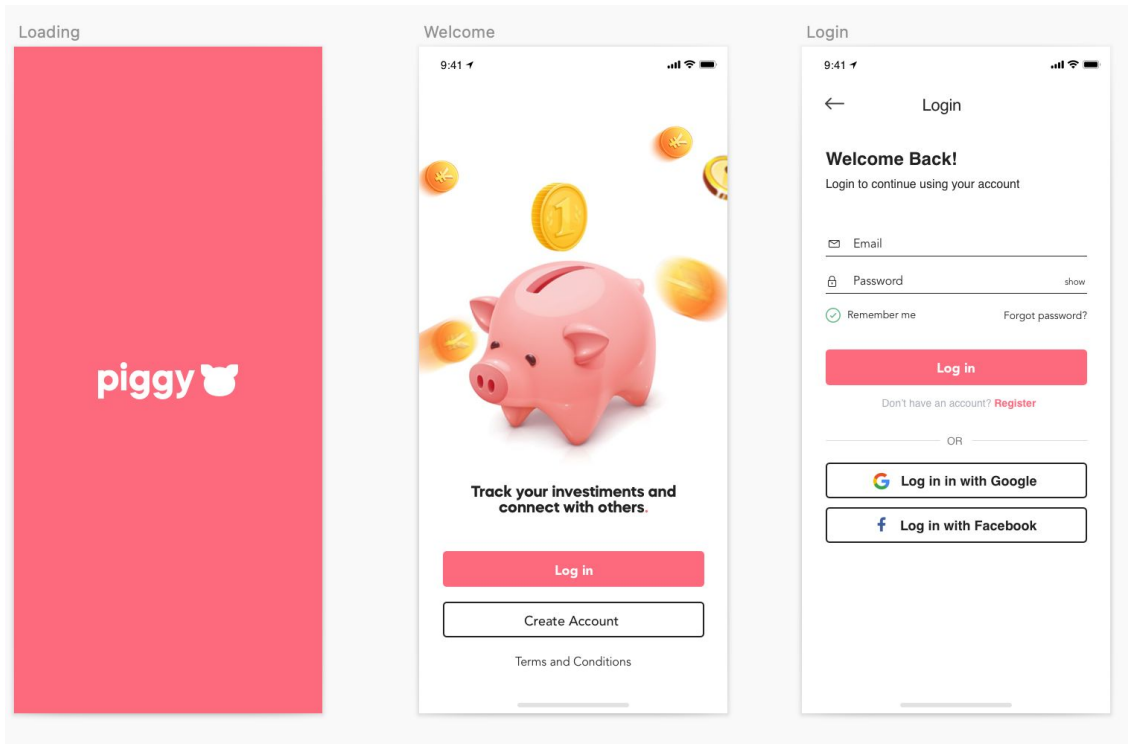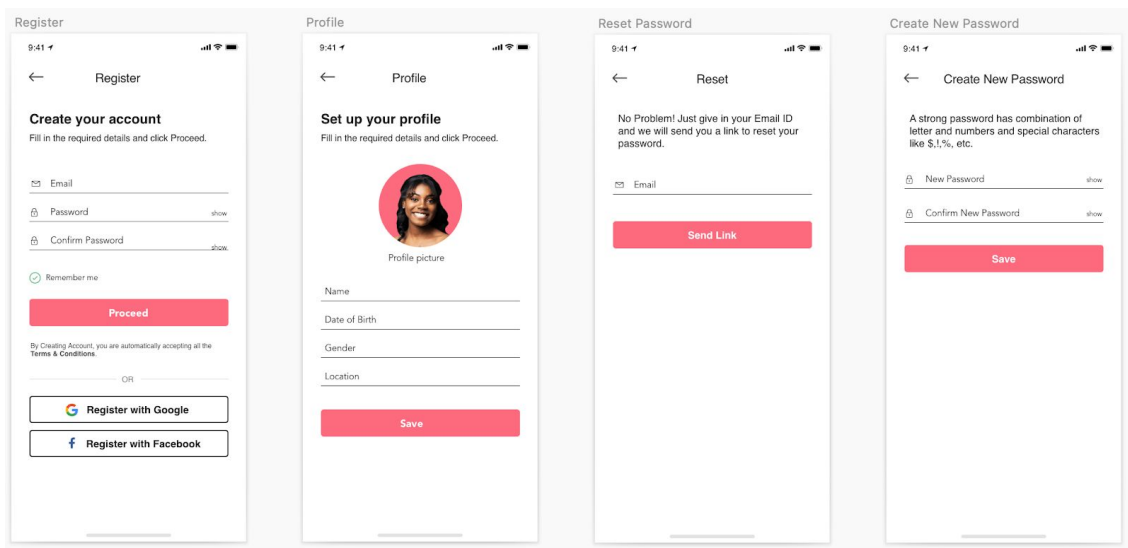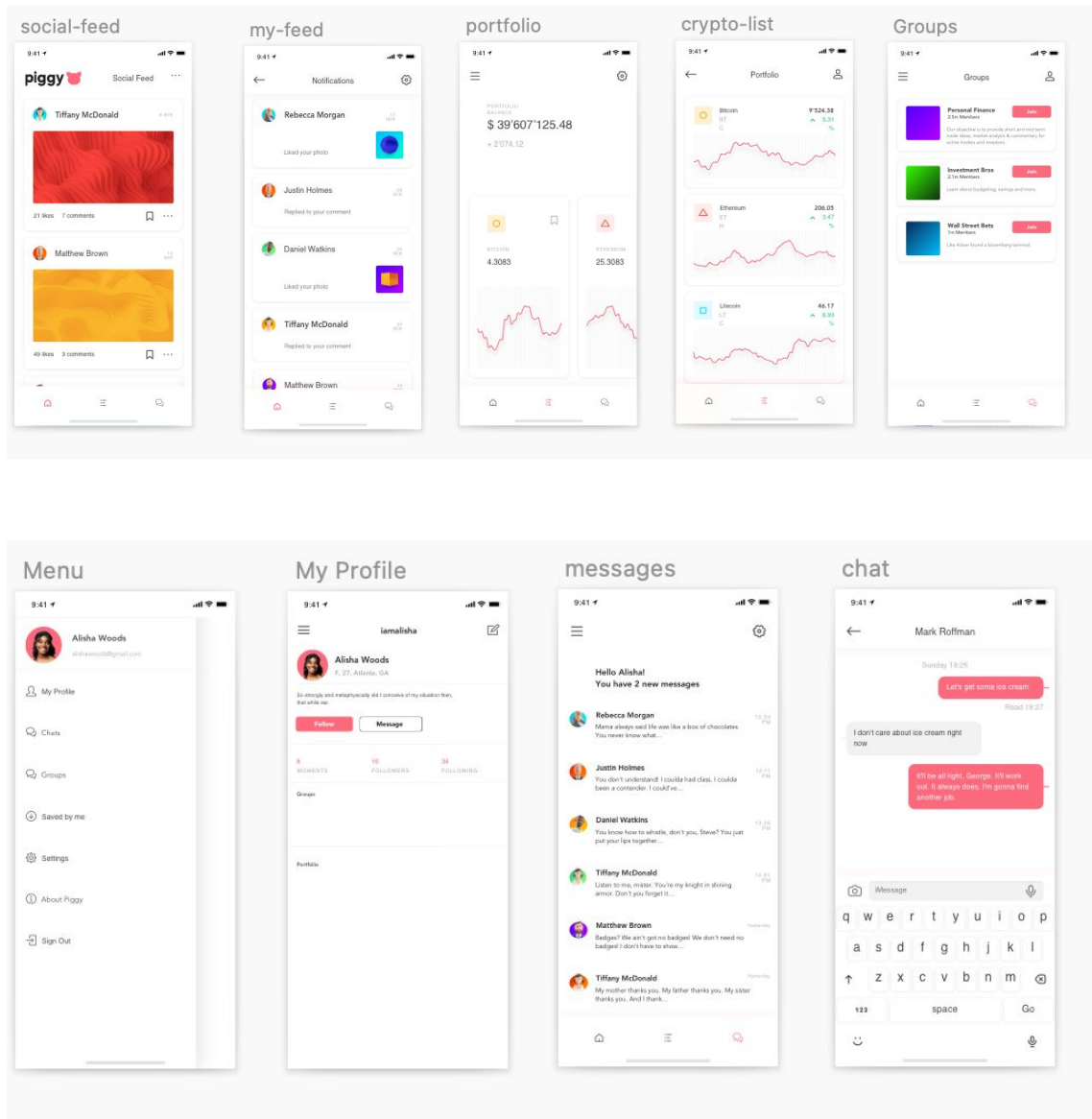|	
Title	**Social Media**
Paragraph	A social media platform for investors. Users will be able to create a profile where they can interact with other investors, manage their stocks and bitcoins. They will also be able to create groups to talk about investment opportunities, ask for advise and learn something new.
Button	Button

piggy

First Draft

In the initial screens, the user can log in using Google or Facebook.

Users can also register and create their profile, or reset passwords.

After they log in, there will see a feed with friends updates, where they can also access notifications. On the menu, they can also access their portfolio and see groups.

8. Timeline

Milestone	Tasks	Date
1 - Design and Prototyping		
1.1	Analysis and design stage, gather data and create the first draft of app mockup	02/22/2021
1.2	Create work plan and project timeline	02/23/2021
1.3	Open all tickets/issues on Github	02/26/2021
2 - Development		
2.1	Create database on Firebase	03/01/2021
2.2	Create login screen and connect to database	03/03/2021
2.3	Develop the profile section	03/05/2021
2.4	Develop group creation and chat section	03/08/2021
2.5	Create the social feed	03/12/2021
2.6	Develop notifications	03/17/2021
2.7	If there is time, work on adding a portfolio section	
3 - Presentation		
3.1	One hour presentation due	03/24/2021
4 - Final Submission		
4.1	Final submission	04/21/2021