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Capital One Mobile Directory

Nicholas Bellucci

Virginia Commonwealth University

Ricky Lee

Virginia Commonwealth University

Austin McCracken

Virginia Commonwealth University

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Capital One Mobile Directory

CS307 | **Team members:** Nicholas Bellucci, Ricky Lee, Austin McCracken | **Faculty adviser:** Dr. Dahlberg | **Sponsor:** Capital One | **Sponsor adviser:** Nathan Jones

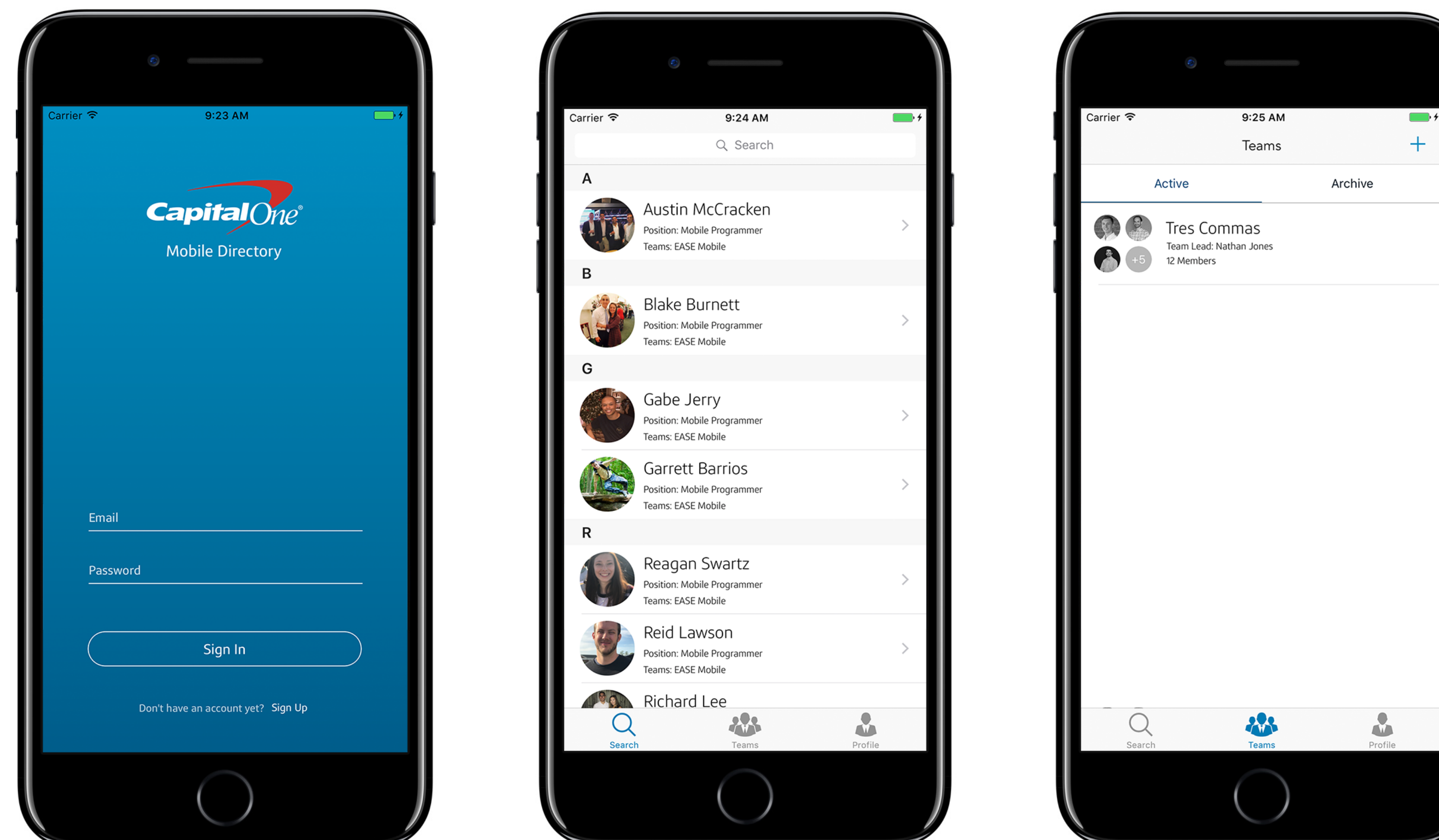
The Initial Idea

The main premise of this project was to create an iOS mobile app that would serve as a dynamic directory for Capital One. Currently, Capital One has a static app that displays this information. Our task was to create the app with the ability for users to be able to edit their own information. We mocked out the whole app using Adobe Experience Design.



The iOS App

The iOS app is written in Swift and uses storyboards for the XML layout. We built the app using many practices that allow for easy changes and code reusability. The mobile app has three tabs: the search tab, team tab, and profile tab. Each tab consists of dynamic data that is pulled from our backend.



The Firebase Backend

We decided to go with Firebase, a backend service, since setup is fast and the iOS SDK is a breeze to use. In the iOS app a user is able to edit their information that lives on Firebase. This information includes their profile photo, name, email and much more.

