Abstract
Aprima Mobile Patient Application intends to strengthen the relationship between patients and their physicians through an easy-to-use phone app. This app will allow patients to provide their personal information and any useful medical information to their physician, as well as request renewals of persistent medications.

Our team set up the login page, display the logged-in patient's personal information, medication history, and allergy information. We provided the ability for the patient to edit their personal information and provided the functionality to request medication renewals from the medications page.

With our work on this project, Aprima has a strong foundation for their mobile patient application. The app will be expanded upon to allow even more functionality to the patient, and will soon be a staple in Aprima's medical software solutions.

Results

Architecture
Resources: Angular, HTML, JavaScript, Zamarin, Node.js, Grunt.js
- Built on Aprima’s framework
- Easily modifiable and expandable
- Web code for use on both Android and iPhone devices.

Impact
Aprima’s mobile patient app will provide a stronger doctor/patient relationship, allowing a better health care experience and easier communication between patients and their physicians. This app will also be MU2 compliant, meaning doctors are rewarded by the government for using this software to assist their patients. This app, combined with Aprima’s physician app, will both improve the health care experience of all those who use it, and cement Aprima’s brand as the best choice in medical care software.

Summary
Our experience with Aprima has been a rewarding experience. We got to learn many different programming languages/technologies that we were not exposed to in our other classes. We got to test out skills in a more real-world situation than normal class and we got to create an app that will be used in a real-world setting. Most importantly, we were given the opportunity to create software that will help patients with their future healthcare experience. In closing, Aprima was the right company for our senior design experience.