Client
Joe Wheeler, Software Architect

Company Background
Aventura was born in a Denver hospital IT department that completed a desktop virtualization project.

With an understanding of how technology needs to work for the people who deliver clinical care, Aventura built a universal architecture that reaches into all computing layers, creating an architecture that integrates OS, virtual desktops, applications, policy, and printers. Our software is deployed to hospitals nationwide and provides clinicians with a desktop that is aware of where they are, who they are, and what they need to be efficient and deliver quality care (and does it Jimmy John's fast).

Project Overview:
Aventura software delivers desktop sessions to clinicians based on who they are, where they are, and who they are treating. The Aventura system is managed by a hospital's IT team through multiple management interfaces. This project would design and implement a single point of management for all Aventura functionality.

Project Goals
Students will be required to develop a management console for the Aventura system that provides a single point of control for multiple areas of management.

- Complete any necessary research as to how to complete the objective
- Create an application for managing the configuration and administration of the Aventura system.

- Interact with the application database, API's and event information to give administrators a clear view of the system.

Skills Required
- Software Development, specifically JavaScript (Ember.js) and .NET (C#)
- Basic C/C++ skills
- Knowledge of Agile Software Development
- Ability to learn and adapt

Student Benefits

This project will give the students experience and knowledge with:

- Architecting and building a software component
- Learning how to integrate complex software
- Practical Ember.js experience
- Learning how to manage a large enterprise application and workflow.
- Interfacing with third party software APIs

- Real world project that can be completed in 6 weeks

Team Size

This project would be suited for a team of 3-4 people.

Location

Students will be expected to spend most of their time at the Aventura office which is in downtown Denver.

Contact

Please contact Joe Wheeler(Joe.Wheeler@aventurahq.com; 1-720-250-9134 x1013) with any questions you have regarding this project.