

## **Cross-Platform Mobile App for Business Analytics**

### **Client**

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### **Background**

We have a strong desktop web application for preparing and delivering business intelligence reports and dashboards to clients (mostly in the financial industry). We want to be able to deliver some of that content through a mobile app. That is why we need you.

### **Project Goals and Requirements:**

You will build a mobile interface using a Javascript framework (ExtJS). Apache Cordova is a cool project that allows someone to build an HTML5 application, and then deploy it to various targets, such as iOS and Android. We already have some experience using it, so first we'll help get you acquainted with the tools and the Javascript framework, and then you will develop the interface and deploy it to both iOS and Android.

The main purpose of the mobile app is to deliver reports and dashboards to the mobile device (and of course to look good).

You will learn how to design a mobile web application from the ground up, and then how to deploy it to almost any device.

### **Suggested Team Size:**

3 students

**Paid internships are available after Field Session for students that perform well.**

### **Skills/Experience for CSM Students:**

- HTML5 mobile apps
- Apache Cordova (deploy HTML5 apps to almost any device)
- Javascript/AJAX
- MVC Frameworks