

## POSSIBLE Mobile Customer Dashboard

Proposal for Colorado School of Mines EECS Field Session, Summer 2015

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### Company Background

POSSIBLE Mobile is a premier mobile app developer in Denver, CO headquartered on the historic 16th Street Mall. POSSIBLE Mobile has hired many Mines graduates over the past 4 years and actively engaged in the various career fair activities at Colorado School of Mines. POSSIBLE Mobile provides iOS and Android custom development services to its clients.

### Project Background

POSSIBLE Mobile has an internal dashboard that displays various pieces of information about the state of our projects. This dashboard is displayed prominently in our office for employees and visitors see. It is an important display of one of our core values, transparency. We would like to expand this dashboard from 1 display of our entire organization to multiple displays that can report on individual customers. Currently the dashboard displays:

1. Number of days since our last app shipped
2. Graph of top 5 crashing apps
3. Graph of top 10 code contributors
4. List & Graph of the most active projects including the people involved.

### Objectives

We would like each customer to have their own dashboard that can show additional information on a per customer/project basis.

1. Project completion status
2. Next release date countdown
3. Latest app reviews
4. Create new widgets

In addition to these new features we would like the platform that the dashboard is based on to get upgraded. This will include:

1. Update Python and Django versions
2. Refactor git integration to use GitHub API
3. Refactor Pivotal integration to use Confluence API
4. Refactor crash reporting

## Requirements

1. Knowledge of Python
2. Knowledge of Django preferred by not required
3. Knowledge of HTML/CSS/Javascript

**Number of Developers Needed : 3-4**

## Work Environment

We anticipate a few face-to-face meetings at our office on a weekly basis.

