

## Let's Rally Interview Coding Challenge

### **Objective:**

Bob is the owner of Palm Landscaping Services. Services provided are plant trimming, leaf and garbage pickup, dead plant replacement and weed spraying. In addition to performing these services himself, Bob uses subcontractors to help him cover all of his customers.

Recently, Bob's had problems with subcontractors charging him for work that they did not do.

Help Bob create a simple application that he can use to ensure that his subcontractors are completing their jobs.

### **Requirements:**

- 1) Bob needs recorded proof of completed work per site, per visit.
- 2) Bob needs to know how long a subcontractor is spending at each job site.
- 3) Bob needs to a visual graph of the work being completed per job site over time to ensure that all services are being performed routinely.

### **Bonus points** (As code included in final deliverable or as a written summary):

- 1) What additional data points should Bob be paying attention to as indicators of contractor performance?
- 2) How can Bob use this application to market his services to new clients?
- 3) How can Bob use this application to present value to his existing clients?
- 4) What technology(s) can be leveraged to further eliminate opportunities for fraudulent charges?

Good luck and *have fun!*