

## Sentia Coding Test

You will be required to create a Ruby on Rails application with the following features below. The sample CSV data required for the test can be found here (<https://docs.google.com/spreadsheets/d/10c7r-kjdWM4L8kWK0nfE6JgHskzqp7DTF8MkUlo7-o/edit?usp=sharing>). This application can be built in 1 hour.

Below is a list of user stories and requirements for each section of this application

### PART 1

1. As a user, I should be able to upload this sample CSV and import the data into a database.

#### IMPORTER REQUIREMENTS

- a. The data needs to load into 3 tables. **People, Locations and Affiliations**
- b. A **Person** can belong to many **Locations**
- c. A **Person** can belong to many **Affiliations**
- d. A **Person** without an **Affiliation** should be skipped
- e. A **Person** should have both a *first\_name* and *last\_name*. All fields need to be validated except for *last\_name*, *weapon* and *vehicle* which are optional.
- f. Names and Locations should all be titlecased

### PART 2

1. As a user, I should be able to view these results from the importer in a table.
2. As a user, I should be able to paginate through the results so that I can see a maximum of 10 results at a time.
3. As a user, I want to type in a search box so that I can filter the results I want to see.
4. As a user, I want to be able to click on a table column heading to reorder the visible results.

Once the test has been completed. Please upload to Git Repo/Google Drive/DropBox or zip and email over back to Sam at [sam@groundswellrecruitment.com](mailto:sam@groundswellrecruitment.com)