

Apartment Site

Dynamic Property Management App

Team Isometric Interactive



Bryan Castleman

Nicholas Nooch

Marissa Wyss

A tool for property managers



A template to sell apartment communities

- ▶ Maps, photos, and floor plans
- ▶ Contact forms to generate prospect leads
- ▶ Application forms to capture new tenant info
- ▶ Keep track of leasing
- ▶ Maintain parking permits and parking spaces
- ▶ Contractor vendor contact list
- ▶ Track and manage work orders
- ▶ History of work done



Why?

Solve **real-world problem** for property managers to effectively manage their properties:

I'M A
PROPERTY
MANAGER

- ▶ PROSPECTS: gather prospective residents for future business
- ▶ APPLICANTS: process applications to approve for residency
- ▶ TENANTS: manage and track tenants
- ▶ CONTRACTORS: manage database of contractors, assign work
- ▶ WORK ORDERS: submit, track, assign and fulfill work orders
- ▶ ROI: return on investment and expense by category

Design

- ▶ Dynamic view of property and floor plans
- ▶ Login for apartment manager
- ▶ Quick navigation to manager's links
- ▶ Table view of database models
- ▶ View/Edit/Delete icons
- ▶ Form interface for contacting and applying

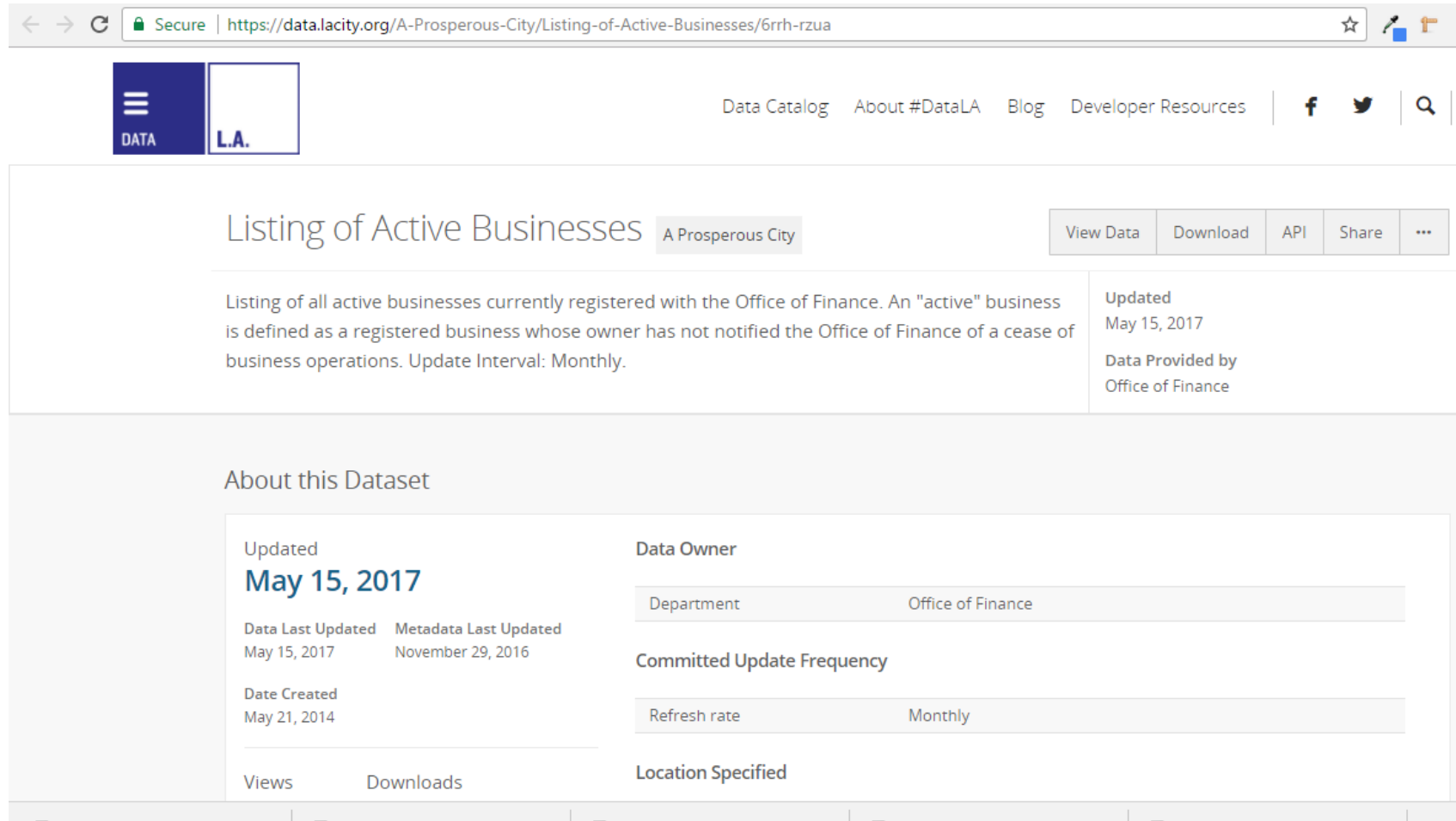


Technologies

- ▶ Node and Express Web Server
- ▶ MySQL Database with a Sequelize ORM
- ▶ GET and POST routes for retrieving and adding new data
- ▶ Materialize
- ▶ Passport
- ▶ MVC folder structure
- ▶ Handlebars for Server-Side Templating
- ▶ Authentication



Existing Public Data Set



The screenshot shows a web browser window with the URL <https://data.lacity.org/A-Prosperous-City/Listing-of-Active-Businesses/6rrh-rzua>. The page features a navigation bar with links to 'Data Catalog', 'About #DataLA', 'Blog', and 'Developer Resources', along with social media icons for Facebook, Twitter, and a search icon. The main content area is titled 'Listing of Active Businesses' with a sub-header 'A Prosperous City'. It includes a description of the dataset, update information, and a table of metadata.

Listing of Active Businesses A Prosperous City

[View Data](#) [Download](#) [API](#) [Share](#) [...](#)

Listing of all active businesses currently registered with the Office of Finance. An "active" business is defined as a registered business whose owner has not notified the Office of Finance of a cease of business operations. Update Interval: Monthly.

Updated
May 15, 2017

Data Provided by
Office of Finance

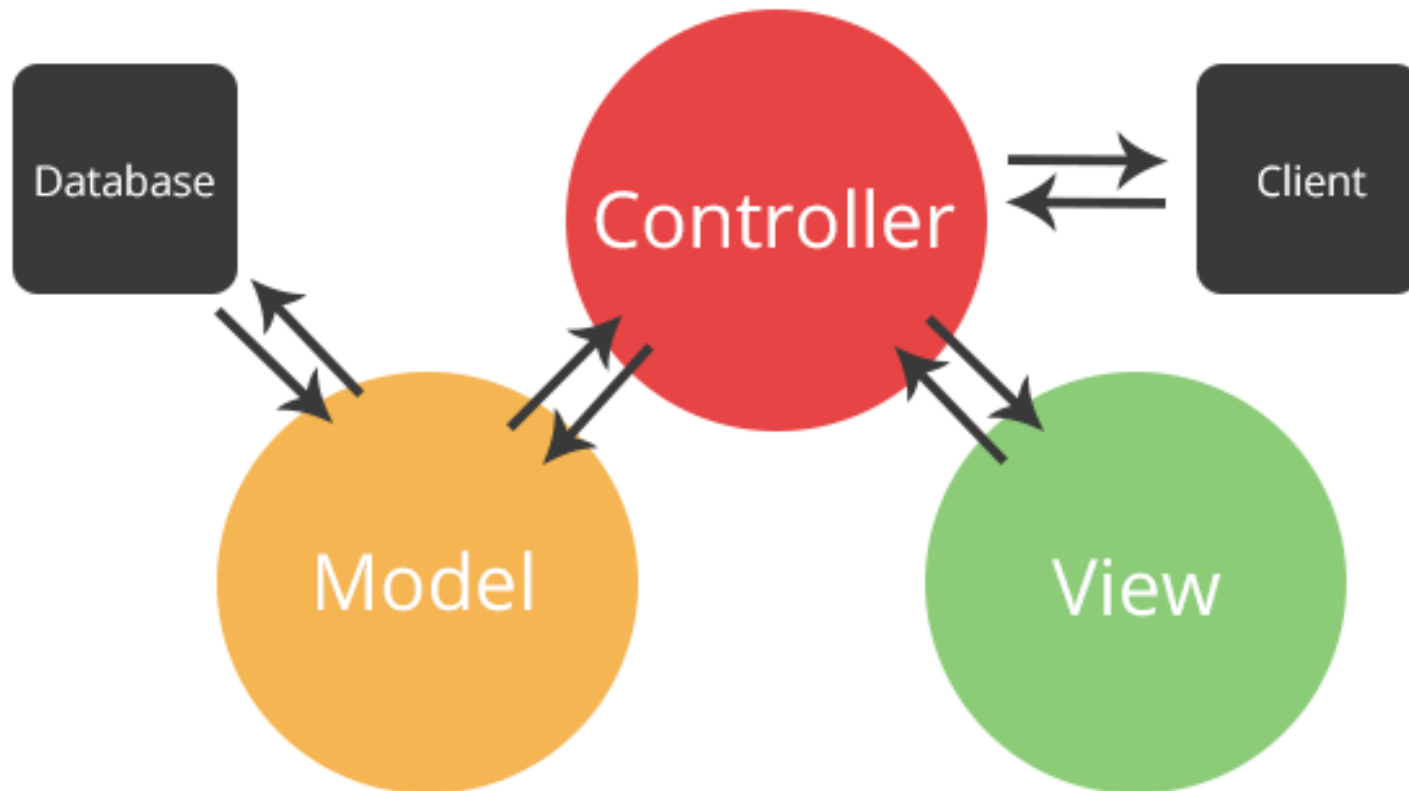
About this Dataset

Updated May 15, 2017		Data Owner
Data Last Updated May 15, 2017	Metadata Last Updated November 29, 2016	Department: Office of Finance
Date Created May 21, 2014		Committed Update Frequency
		Refresh rate: Monthly
Views	Downloads	Location Specified

Breakdown of Tasks

- ▶ **Bryan Castleman:** Front End UI, UX, API Calls (View)
- ▶ **Nicholas Nooch:** Server Routes Logic (Controller)
- ▶ **Marissa Wyss:** Sequelize/Express with Sequel (Model)

Model-View-Controller Project Structure



The Site

