

Condensed Directions:

The first step of your capstone involves brainstorming the types of sites you'd like to build and exploring available APIs. Pick three project ideas to propose to your mentor and the Springboard community. You will also explore some potential APIs. Please come up with three project ideas for sites you'd like to build. These should be a bit more complex than the projects you've done so far. Refer to the Project Overview document for examples. Keep in mind that you will spend 45-65 hours working on this capstone project. Be sure to reach out to your mentor if you feel stuck while brainstorming.

Idea 1: A website/application to look up the crime rate and history of a specific zipcode.

Possible APIs

- CityProtect: Offers crime mapping and data services for local police departments and provides detailed incident data and crime trends.
- SpotCrime: Provides real-time crime data, including incidents of theft, assault, burglary, and more.

***Idea 2:** A classroom job management app that will make it easier for teachers to assign, track, and rotate classroom jobs while keeping students engaged and responsible.

Possible APIs

- Open Badges Docs: Issue and display digital badges for students who do their jobs well.
- Google Calendar API Docs: Schedule job rotations and reminders.
- RoboHash: Assign avatars to each student and teacher.

Idea 3: an app exclusively for **licensed real estate agents** to post and discover **listings** and **upcoming properties** based on **client criteria** is a fantastic idea!

Possible APIs

- Realtor: Get property listings, prices, images, and detailed descriptions.
- Trello: Task management and collaboration features for agents working together.
- Google Maps: Display properties on a map with advanced geolocation and routing features
- Twilio API: Add in-app messaging or communication features between agents and clients.