**G1\_P2 Pet Tracker Proposal\_1**

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**Trello Board**: <https://trello.com/b/ceHWJ1eu/revature-p2-kanban-board>

**Project Repository**: <https://github.com/06012021-dotnet-uta/P2_NumberOne>

**Sales Description:**

This application will provide users a means to find lost pets and find their owner in the local area. The owner and their pets will be able to register too, using a Database API. In this application users will be able to see the location area they are in and any lost pets that are reported in their areas. Will be able to see the description of the pets if they have one in a tap, if they don't have a description they will appear with none description. The user will have the feature to report pets that they see roaming around, ping pointing the area they are in and filling some kind of description of the animal. In case they find an injured pet, map API will show nearby clinic locations for pets and the clinic information.

**Minimal Viable Project:**

- Users can login and register accounts

- Users are able select a location

- Site displays posts for lost pets near the selected location

- Users can register pets to account

- Users can create posts with descriptions for lost pets

- Users can post pet sightings with their location

**3 stretch goals:**

* Share location with someone else if it is in the area.
* Show if there is a clinic near the area in case the animal is hurt.
* ID to QR code for quick lookup of information

**3rd Party API:**

* OpenLayers : <https://openlayers.org/>
* IpStack: <https://ipstack.com/>

# LostAndFound API (<https://www.programmableweb.com/api/lostandfound>)

**User Story:**

***Scenario 1:*** As a lost pet owner, I want to mark my registered pet as lost and see if I can find the last seen locations of a pet to find them.

***Scenario 2***: As a pet owner, I want to register my pet and track their movements just to keep an eye on them.

**Scenario 3**: As a person who’s seen a registered pet, I want to post where I have seen the pet and check if they’re lost.

***Scenario 4:*** As a person who’s seen a lost pet, I want to be able to contact the owner that I have found their lost pet so they can retrieve them.

***Scenario 5:*** As a person who’s seen an unregistered wandering pet, I want to post where and when I have seen the pet. So that a lost pet owner can generically search for them.

***Scenario 6:*** As a lost pet owner, I want to look through unregistered pet sightings to see if I can find my lost pet.

**User Interaction Model:**

