

Jazzy Ostriches

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Softdev pd. 7

## Lost in New York

A lost and found web application that allows users to report and claim lost items in New York City.

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### Functionality

- Google Maps API : adds markers on map of New York City for location of found items
    - User may zoom in on certain areas to see more markers
    - User can input the location and API will identify the coordinates of the address
  - Lost and Found API : preloads a list of lost and found items from [lostandfound.com](http://lostandfound.com)
  - Mailjet API : allows for email communication between users
    - If person wants to claim found item, he/she can contact the owner of the post, who will then ask a security question (up to users' discretion)
    - Messenger will maintain communication between users
  - Accounts created so users can add, delete, and keep track of posts
  - Listing of lost and found items
    - Can be categorized by location, type of item, date object was found/lost
    - User can click on individual postings to get more information and contact person
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## Team Roles

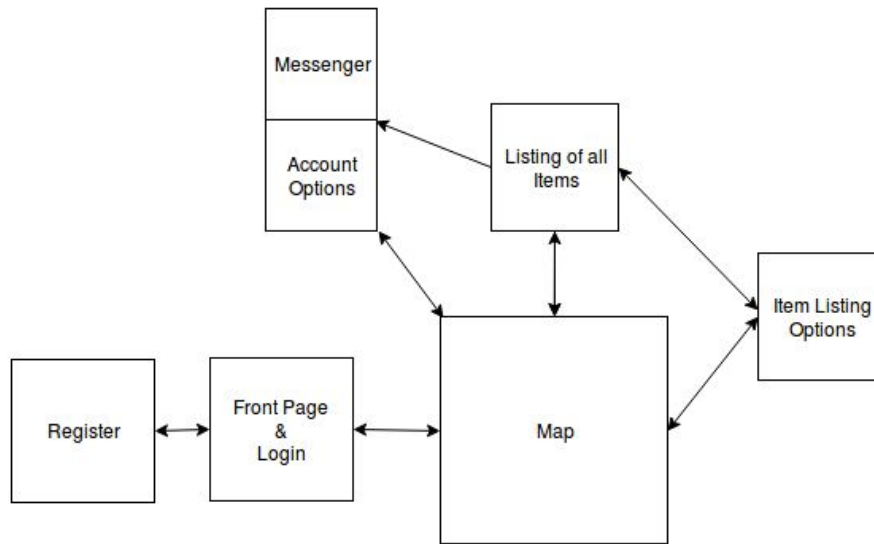
- Alessandro (PM) : help out with front end and where needed
  - Joyce : front-end integration
    - Will use Google Maps API for integration with maps
    - Bootstrap and JavaScript
  - Dasha : item postings
    - User profile system
    - Main flask app
    - SQLite item database
  - Brian : account system and messenger feature
    - Will use email API to help maintain correspondences between users
    - Flask app for accounts
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## Database Schemas

- Accounts: ID | username | e-mail | hashed password | list of found item IDs | list of lost item IDs
- Lost Items: ID | item | description | latitude | longitude | accountID | category
- Found Items: ID | item | description | latitude | longitude | accountID | category
  - Item - item name
  - Description - description of item
  - Latitude, longitude - for location
  - accountID - account ID item is associated with
  - Category - category that item falls under
    - Categories: Bags, Wallets, Documents, Clothing, Accessories, Electronics, Other

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## Site Map



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## Component Map