

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)
  - SendBird API : creates a messenger chat box that allows the owner to contact person with the found item
    - If person wants to claim found item, he/she can contact the owner of the post, who will then ask a security question
    - 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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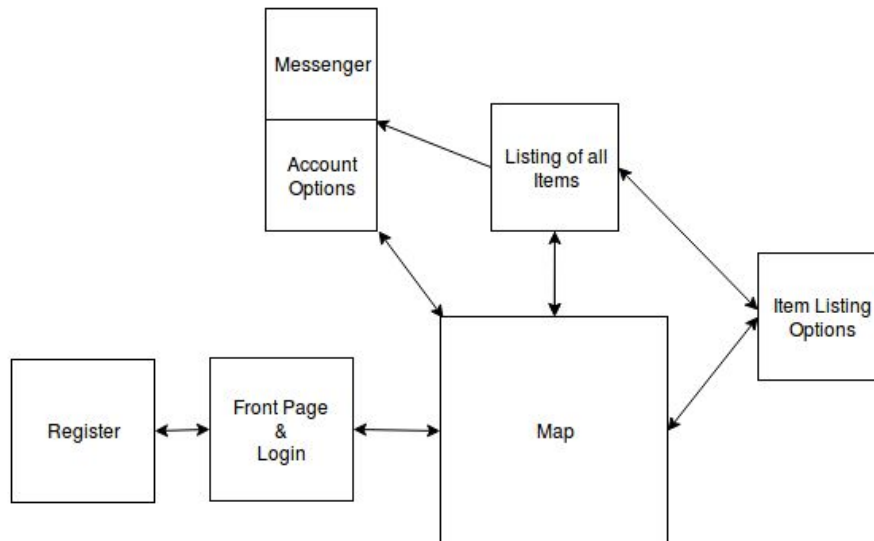
## Team Roles

- 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
    - Will use Lost and Found API to preload postings
    - Create database of lost and found items
    - SQLite Databases and Python
  - Brian : account system and messenger feature
    - Will use SendBird 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
  - Items: ID | item | description | location | account | status
    - Every time a post is created, the item is assigned a unique ID in numerical order
    - Account identifies the person who created the post
    - Status will be a true/false boolean that identifies if item is a found or lost item
      - True = found
      - False = lost
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## Site Map



## Component Map

