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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.

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
- 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' discreton)
    - 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

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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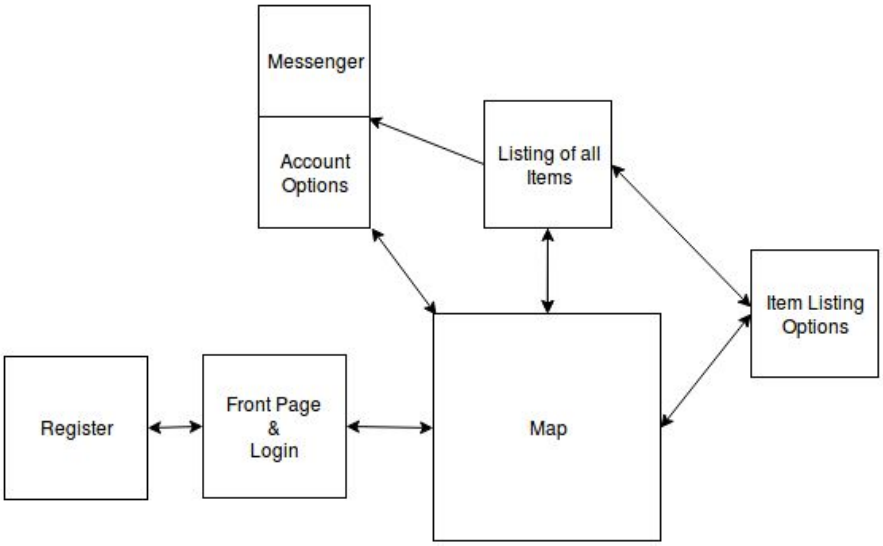
Site Map



Component Map