

## Project Milestone 4

**Team Number:** 101-2

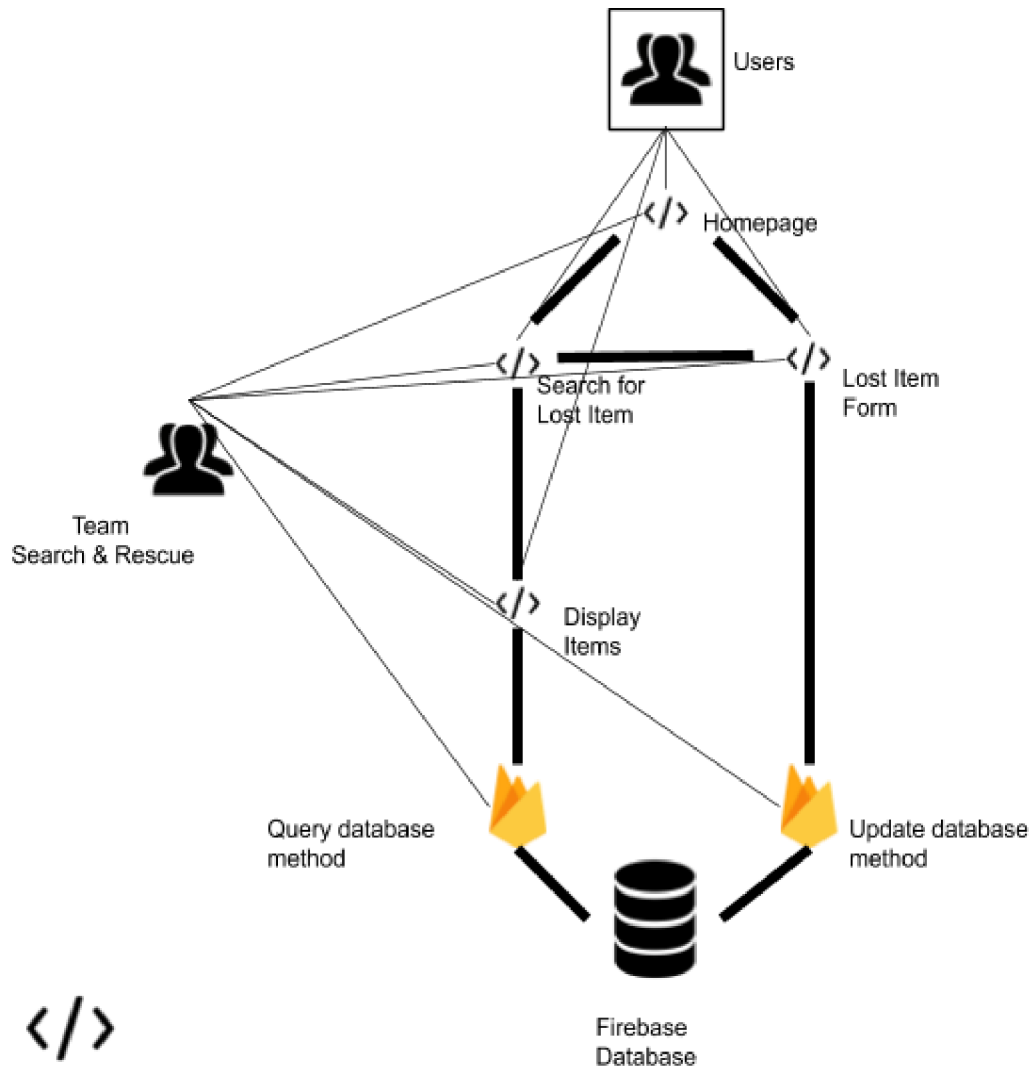
**Team Name:** Team Search and Rescue

**Team Members:** Devin Murray, Namita Pasupuleti, Omar Kaheel, James Singer, Amaica Webb, Marissa Zuyus

### Revised List of Project Features:

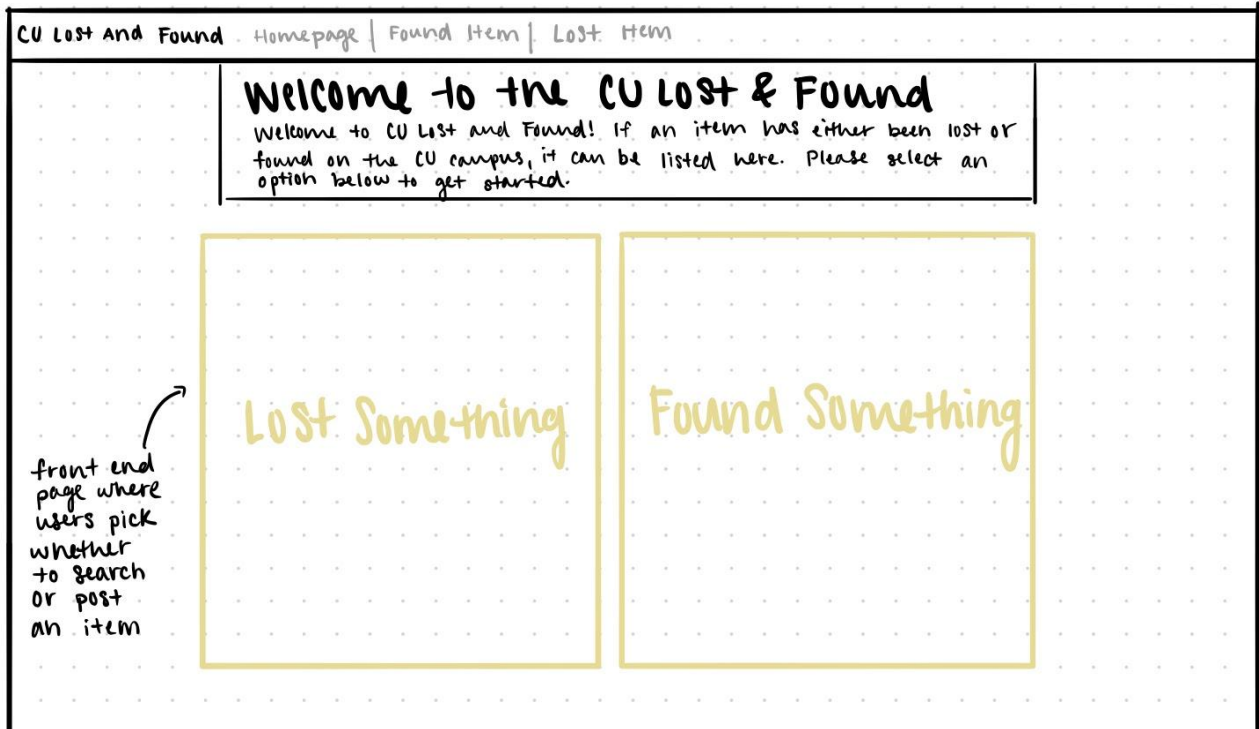
- Front page where users pick whether to search or post an item
- The page that shows all items listed with a status that shows whether it's a lost item or found item
- A real-time database that stores and updates all of the listings
- A search feature that allows you to search through all of the items
- a page that allows users to add new items to the database

### Architectural Diagram:



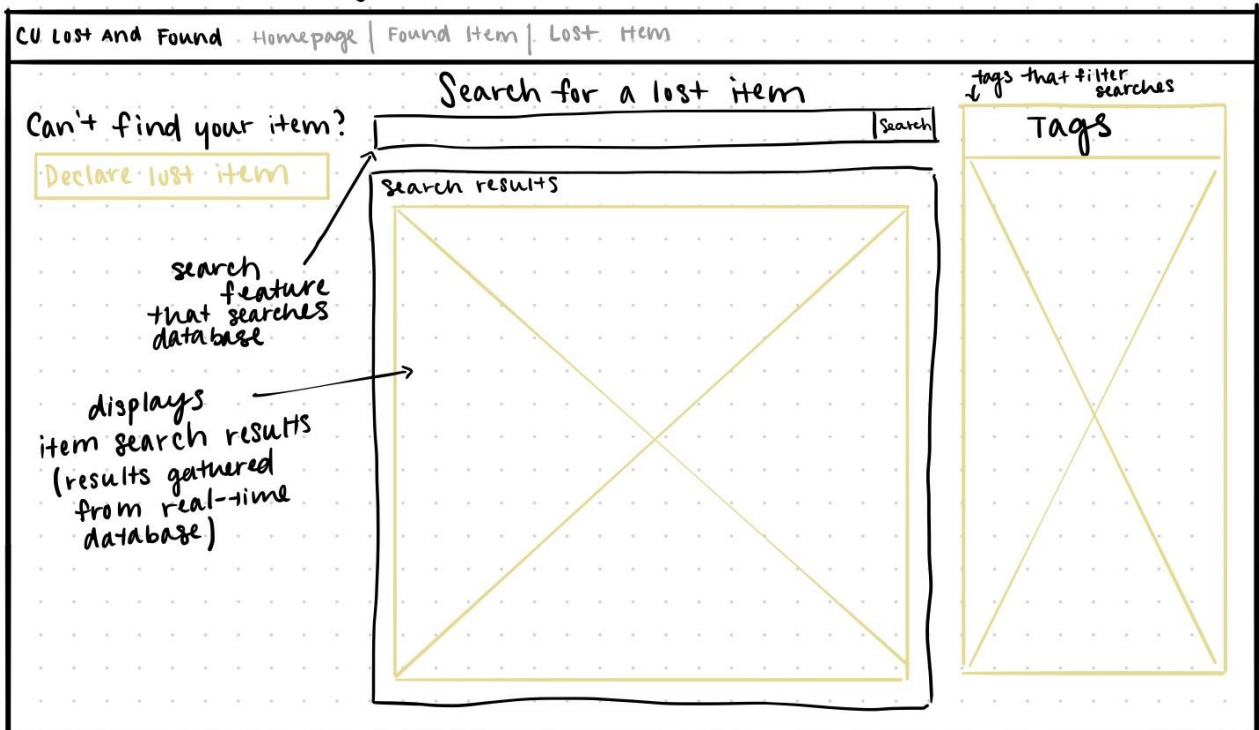
HTML document accessed through the browser.

## Front End Design:



Homepage ↗

↙ Search item page



↙ add item page: page that allows you to add new items to database

CU Lost And Found | [Homepage](#) | [Found Item](#) | [Lost Item](#)

## Add Listing Form

Here you can create a new listing for an item.  
Fill out information for your item,  
and click submit when done

### Form

Lost or Found   ☐ Lost  
                                 ☐ Found

Item Title

Tags  
color:

location:

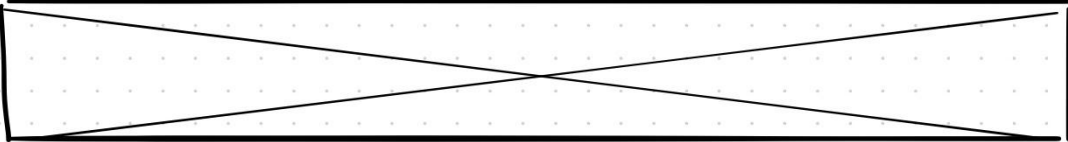
category

Date lost:

↙ search results modal

Item Title                      Status:

Item description:



Tags:

↑  
display of modal when you  
click on an item from  
the search results

### Web Service Design:

- Firebase for hosting

**Database Design:**

- One primary table that lists all the items with all of their statuses
- Secondary table that lists whether an item is lost or found
- Final table for all the inactive items that have been previously listed
- Using firebase real-time database
- Data is stored in NoSQL format
- App receives data back in json format