

1. Background

I want to build a baby used item trading app similar to craigslist. But differently, showing it using a map distribution such as Redfin instead of listing. Because ...

It will be using google map api, database and amazon api(compare with new item price). A matching feature can be further added such as advertising similar item from Amazon.

I can look up baby used item near my home...

2. ...

3. Function

3.1 Users can create an account or not.

3.2 Users can create a posting to sell one's baby used item or to get one.

3.3 Users can see the list of posting they had if they had the account.

3.4 Users can search for baby used item and compare with it to Amazon's same item by baby used item.

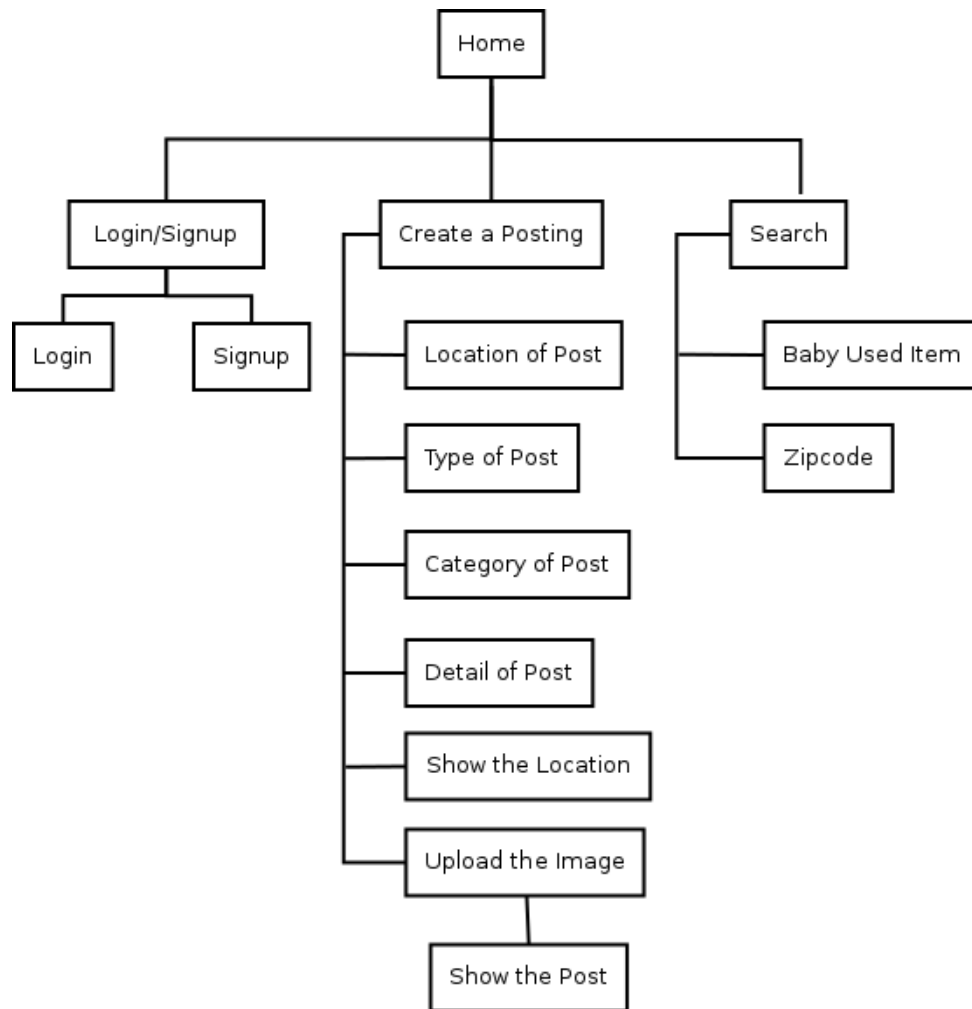
3.5 Users can search for baby used item near them by zip code.

4. Technology

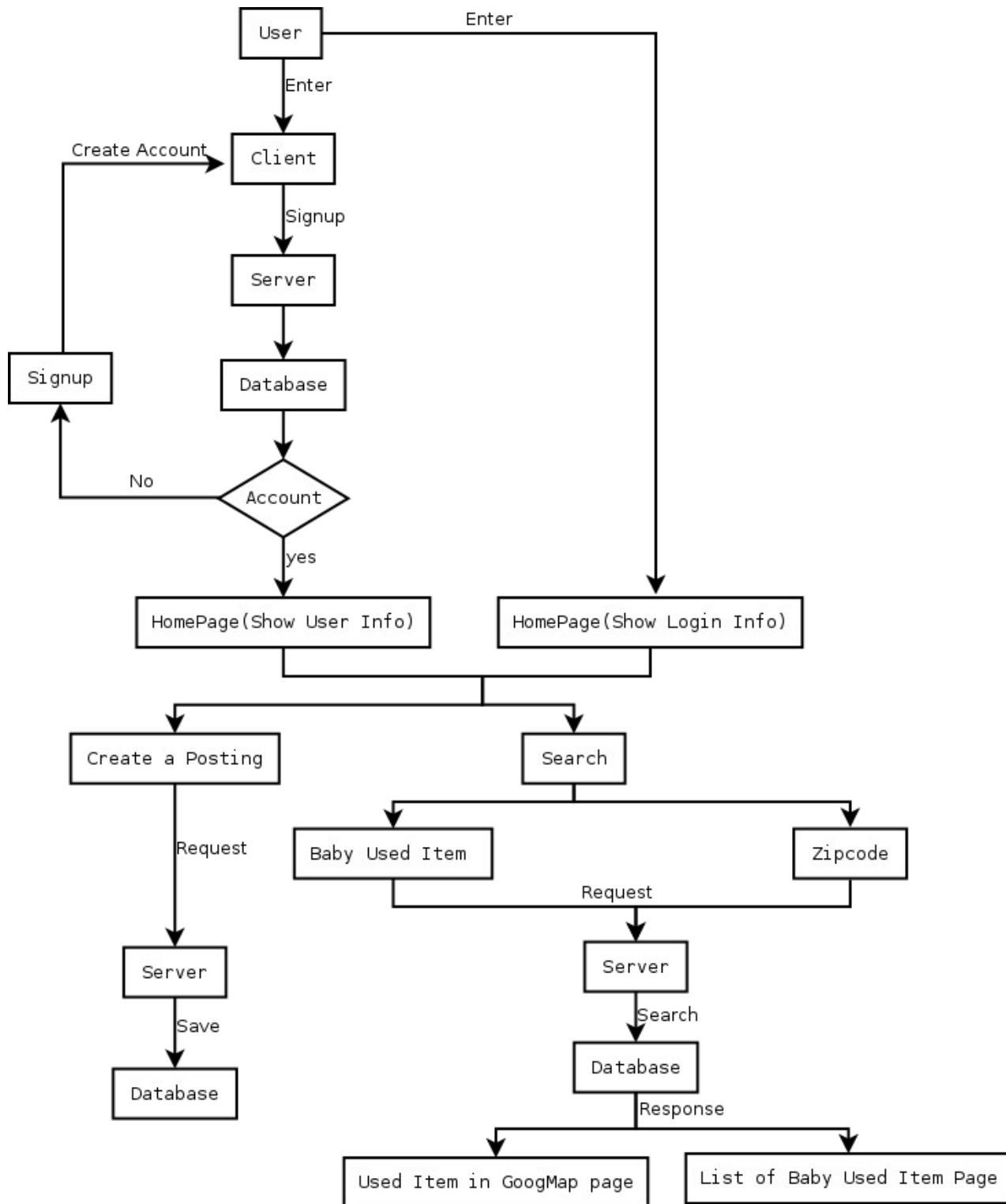
4.1 Develop Environment: VSCode,

4.2 Develop technology: Express, NodeJS, Handlebars, Sequelize, Mysql

5. Site Map Design

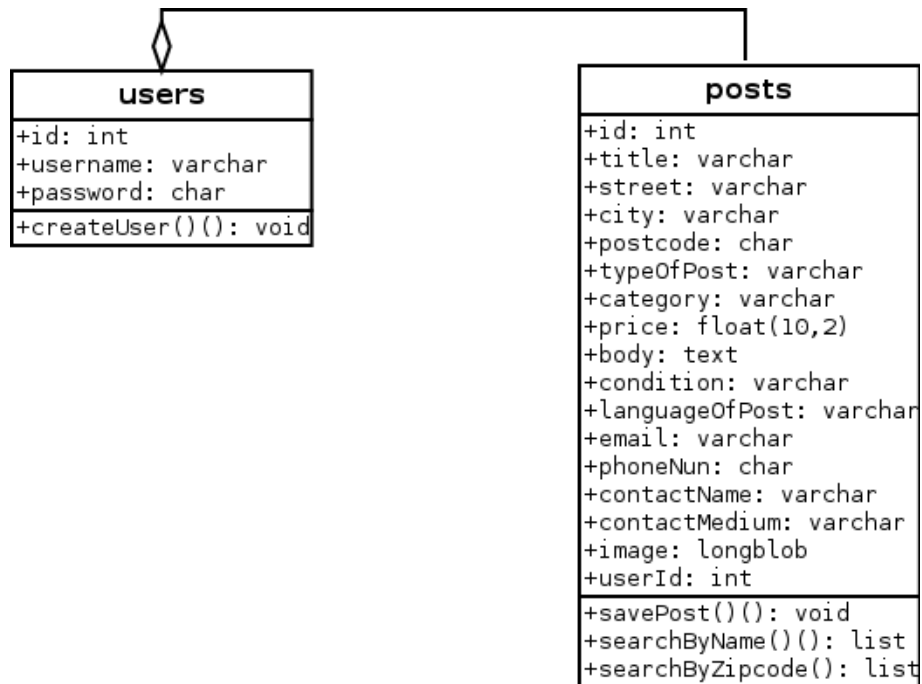


6. Processing data flow



7. Database Design

Aggregation implies a relationship where the child(posts table) can exist independently of the parent(users).



8. Interface design

8.1 External interface: GoogMap API and Amazon API

8.2 **Internal interface**: user and post