Working Prototype Known Problems Report

Team/Project Name: Rent’s Planet

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Only One Review Per Address:

We attempted to fix this, but the Tomcat process becomes unstable and usually crashes.

To fix this, we would change the primary key of the SQL database row from ‘address’ to an incrementing ‘id’. We would also have to modify the hibernate functions, mainly ListEntry(), to query the database for all reviews with the address and return them as a List.

Searching Multiple Addresses Appends Reviews:

When searching multiple places in a row without use of the “clear” button or deleting the full query of the search bar, the sequential searches appends all reviews to the list of the reviews without clearing previous reviews.

This can be fixed by clearing the list of reviews while handling the search request, but before sending the API call to request the review data.

Scraping Data Script Not Usable:

In our original release we wanted to include a feature that would be able to automatically find data on a given input address and give that data back to the user so that they wouldn't have to fill out as many forms. The prototype scraping tool should've been able to take a full address (i.e. 123 Main St, Santa Cruz CA 95060) and fetch data from the Trulia.com house data website. Data fetched would be the number of bedrooms and bathrooms in the house, as well as the square footage of the house. Unfortunately, while the scraping tool worked as a standalone java program, we found it difficult to integrate the scraping code into the server code. The serverlet container we used to run the server code, Tomcat, has certain safeguards that hampered our efforts to include the scraping functionality. Given the time constraints, we were unable to fix this feature and so it remains unimplemented.

Server Instability:

The Tomcat server sometimes dies.

We don’t know why. The Tomcat logs don’t have errors before it dies.

The access logs sometimes show that at times, between Tomcat and the REST service, the connection is refused when someone attempts to call the REST service.