CitySuggest Progress Report

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I have created the front end system. It is feature complete.

The following features are implemented:

- Addition of items through XML parsing interface
  - User selects URI to load
  - System display potential items to load and if they already exist
  - Prompts user to add items
- Item Viewing
  - Details about each item
  - Support for differing fields for different types of items
  - Ability for administrators to edit the description of the item in place
  - Integration with Yahoo! Maps
    - If an item is found to have an address, a map will be displayed with the items location
    - Suggested items will also be displayed on the map if they have addresses
- Review System
  - Registered users can add reviews
  - Reviews can be voted on by users to highlight the most useful comments while burying spam and useless ones
- Rating System
  - Items can be rated on a 1-5 star scale
  - Displays average vote for each item
- Tagging System
  - Users can tag items with key terms
    - If an tag for the item already exists, the tag receives an extra vote and becomes larger in the tag cloud
    - Popular tags remain large in size while newer and unpopular tags are small
    - Clicking on a tag brings a list of all other items tagged with that keyword
- Suggestions
  - Suggestions found in the database are displayed for each item
- Detailed logging
  - Logs kept for every user action which can be later analyzed for patterns
    - Successful/unsuccesful searches
    - Popular patterns of item viewing
- Search/browse
  - Ability to search using back end indexed search server
  - Results highlighted and assigned relevance scores
  - Search finds both items and tags that match search terms
  - Ability to browse by category
- User System
  - Tiered login system with users and administrators
  - Access controls for non logged in users
• My Account page to view history
  • Displays reviews by you
  • Displays scores of reviews by you as rated by others
  • Displays your ratings of items
  • Displays your taggings and their scores

Still to go:
• Suggestions server to create and load suggestions into the database
  • The structures are already in place, and any suggestions added to the database will automatically show on user pages
• Testing
  • Front end should be unit and functionally tested
• Front end requires a redesign
  • Design is modular so only CSS changes will be needed
• Deploying to a server
  • We will need to locate and deploy our Ruby on Rails application to a web server