Project Proposal

Team Members:

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Project Overview:

Students are currently leveraging and appropriating social media and online communication to facilitate the new housing search process. However, many students reported searching for house in a new city or even a new country, or finding matching roommates, could be extremely difficult. With Roomie, which streamline the housing-search process, students are no longer overwhelmed by the amount of options, information, and communication that's required to facilitate the housing process from end to end. In this project, we target on incoming students as the primary users.

Functions

- Student registers with university email address
- Student fills personal profile
- Student browses all the properties granted by the university
- Student see the facilities in the neighborhood highlighted on the map.
- Student gets transit information on the property detail page.
- Student likes the property if he/she thinks this property is a good choice.
- Student likes the person who also liked the property if he/she feels that the person is a good roommate according to their profile.
- Student may see if there is any facebook connection.
- If two people liked each other mutually, they are able to start a conversation.
- The system prompts them potential conflicts.

- If two students fit and they want to add another roommate, they may go back to the list and see other people as a group.

Technologies:

- Django: the framework of the project.
- JS/jQuery: interactive components on the webpage
- AJAX: serves the messages and notifications
- Facebook Graph API: gets connections between users
- Google Maps API: get transit data and neighborhood data