February 18, 2018

SHARED HOUSING MANAGEMENT

1. TEAM INFO

The team meets at Fertitta Hall (JFF) on Friday 3:30PM – 5:30PM

A. Members

- Jacob Schaider | jschaide@usc.edu
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2. PROEJCT OVERVIEW

Dust-free floor, clean dishes, and freshly emptied trash cans are something we hardly notice. These are so-called hygiene factors that we only notice when they are absent. Going unnoticed is probably the highest honor of a well-maintained housing.
Assigning housing chore duties is one of many challenging aspects of communal living in college, where young people of various backgrounds come to live together. With constant changes in each person's schedule, the lack of communication can frustrate everybody involved.

Hence, my team felt compelled to create a solution-a shared housing management app that facilitates the communication amongst roommates to organize chore duties, split bills, and dynamically update availability of their shared spaces. Also, users will be able to view each other's calendars with a shared calendar feature. All this information will be available on an easy-to-read, interactive dashboard.

GUI- Our model is designed with ease of use in mind. Our User Interface will help students organize and create according to their schedules.

Networking - Our project will let the users connect with their roommates and read each other's profile.

Multi-Threading - The notification function of the project will use the idea of multi-threading. When one of the users changes his status to another, other users in the same group will receive a notification through a pop-up window.