Group 7

ITWS 1100

Prof. Plotka

February 14, 2022

Term Project Proposal

Incoming students often have a difficult time looking for the perfect dorm to choose with the current information online. These resources include outdated reddit posts about dorm life from previous and current students, floor plans of each dorm on the RPI website (https://sll.rpi.edu/housing-comparison), and a website formed with the help of a handful of RPI students that shows scattered information about the dorms (https://rpirooms.com/). In our term project, we will combine all the useful information into one website to give students a good idea of each dorm. There will be better management of information, which will be represented in a user friendly and aesthetic way.

Compared to our competitors, we will be developing an interface that is up to date with the dorms’ information. Our website will be offering multiple different features that will assist students in discovering their ideal dorm. The official website RPI provides can be very confusing to use and their information can be hard to decipher. For example, on their site they mention that Quad has both in room and on floor bathrooms. Such a description can be vague and implies that each floor is different. On the other hand, our website will be much more precise and aid students in better understanding the numerous dorms available to them with visual aid. Our website will be in demand for students, especially incoming freshmen, that want to know more about their dorms.

Our main page will be composed of a list of some of the most popular dorms and photos respectively. A more extensive list of all the dorms and photos will exist on a separate page. We will have a menu on the top of the page that links to other pages. The site will have photos for all the dorms at RPI. There will be a detailed map for students to see the proximity of each of the dorms to some of the dining hall and the main campus. There will be a button on our menu linking to this map. The site will also have a review and comment system where current students can share their personal experience with others. Each dorm will have a short description and a more detailed page with information on the various features in that dorm. For example, whether or not the dorm has AC and kitchen. Users will also be able to upload their own photo, which will be reviewed and if approved, be added to the site. Currently, we plan to focus our primary on Area 1 (HTML, CSS, graphics in page layout/design) and our secondary on Area 2 (JavaScript interactivity).