**CIS 550 Project Milestone 1**

**Nidhi Angle (VNidhi)**

**Bhargav Kalluri (Bhargavk)**

**Jacob Varghese (Jacobva)**

Red Roofs – A web portal to help students identify housing rental options in their area. The portal compares listings from different real estate agencies and lists them down as per the user’s preference. It also lists how safe the locality is. Users will be required to login either using the websites authentication facility or with Oauth. User’s can choose their favorites to visit later. Each listing links to the original retailer’s site if required.

* The listings will be scraped from the HTML sites of the agencies. (HTML – Multiple sites). This will be updated in a batch job every night if there are any changes.
* Local crime data in CSV or JSON format will be used to identify zones of safety.

Technologies that will be used: **Front End** Angular 2,

**Server** Node Js (Express)

**Database** MongoDB and ARDS (MySQl)

Domain Specific Questions:

1. What are the available housing options in my city – General Query

2. What are all the listings available with my preference of number of bedroom and baths

3. How do I contact and book the rental agencies

4. How safe is the locality I’m interested in

5. What are all my favorite listings

6. What amenities do the listings have (Pets/wifi)

Git Link: https://github.com/JacobVarghese1992/RedRoofs

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| Feb 16th | Form a team, develop an idea, set up the infrastructure | Nidhi Angle, Bhargav Kalluri, Jacob Varghese |
| Mar 16th | Project outline and schema design – **Listing Data** | Nidhi Angle |
| Mar 16th | Project outline and schema design – **Crime Data** | Jacob Varghese |
| Mar 16th | Project outline and schema design – **User Data** | Bhargav Kalluri |
| Mar 28th | Populate Database – **Listing Data** | Nidhi Angle, Bhargav Kalluri |
| Mar 28th | Populate Database – **Crime Data** | Jacob Varghese |
| Mar 28th | Populate Database – **User Data** | Bhargav Kalluri |
| Apr 6th | Basic Demo Functionality - **Some Listing functionalities including UI** | Nidhi Angle, Jacob Varghese |
| Apr 6th | Basic Demo Functionality - **User Authentication** | Bhargav Kalluri |
| Apr 30th | Complete Functionality - **Some Listing functionalities including UI** | Nidhi Angle, Jacob Varghese, Bhargav Kalluri |