

CIS 550 Project Milestone 1

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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>

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

	Listing functionalities including UI	
Apr 6 th	Basic Demo Functionality - User Authentication	Bhargav Kalluri
Apr 30 th	Complete Functionality - Some Listing functionalities including UI	Nidhi Angle, Jacob Varghese, Bhargav Kalluri