Ainsley Liu, Zhicheng Kai

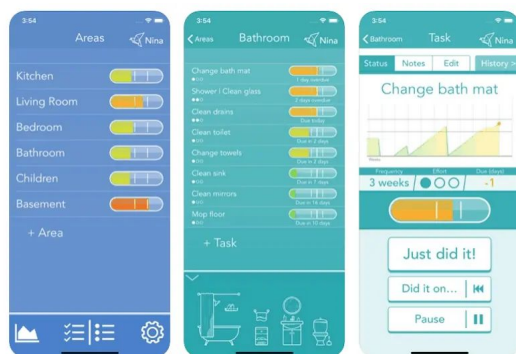Project Title

Roommate APP

Customers

Roommates with different schedules.

Background for the Opportunity / Problem

Roommates can remind each other of the important things, and they can save time by sharing a shopping list so that if one person went to the supermarket, he can get everything that was listed in the App.

Collecting information from multiple sources

https://www.rent.com/blog/best-apps-for-roommates/

Most of the similar ideas were separate apps with separate tools, for example, there is an app called "Tody", which is only for sharing chores, and there is another app called "our groceries", which is only for sharing shopping list. The idea we have is to make an app with both the chore sharing tool as well as the shopping list tool. Besides, roommates will be sharing a schedule together for individuals to put important tasks on it, for example, if one of the roommates is having an exam the second day, the others will receive a reminder so that they can keep their volume low for their roommate to have a good rest.

Solution that adds value

1. there will be a calendar for roommates to add tasks on it, and the app will send reminders in advance of the upcoming tasks. This can add value for the users by giving them the opportunity for helping each other, such as creating a better study environment.
2. There will be a sharing shopping list for everyone to edit and put checkmarks for the "bought" items.
3. There will be a roommate agreement that the roommates can edit and agree on to make everyone's life easier and happier.
4. When creating rooms, they will be using a code for them to match up. This can keep their information and schedule privately and only themselves can edit.
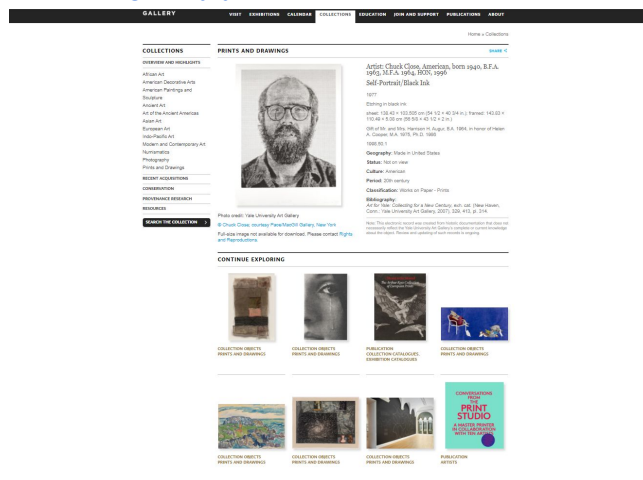
Project Title

Rose Artwork

Customers
Rose students who want to look at or share their art on Rose campus

Background for the Opportunity / Problem
This not only enables students to see updates of artworks on campus but also enables them to upload their own artworks around the campus. This first solves the issue for students who want to look at all the art on campus but don't know where to find it. Besides, the uploading section also allows all students and staff on campus to express themselves.

Collecting information from multiple sources
https://artgallery.yale.edu/collection/search

We visited the art gallery website of Yale. We found that their website does not have the exact location of the artworks, which might take a lot of time for people who were interested in appreciating the work in real life to find it, and students can not discuss their opinions on the website.

https://rosehulman.sharepoint.com/sites/collections/

Also, Rose-Hulman's current art collection website is lacking the photos of the artworks and the discussion area or an uploading section for individuals to upload their own artworks.

Solution that adds value
1. Our app can be a place to share and discuss all artworks in Rose-Hulman. With the photos and discussion area, users can make comments on the artworks, maybe they will be able to make friends with someone who has a similar aesthetic.
2. Our uploading section can be a place for everyone who's interested in sharing their own artworks with others. They might get suggestions or compliments from others to make their future artworks even better.
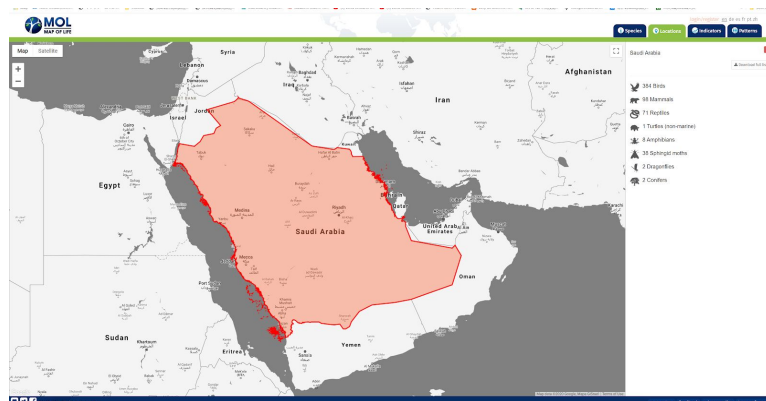
Rose Animal "Stalker"

Customers

For people who like to observe and do research on the animals around Rose campus

Background for the Opportunity / Problem

The ins account for Rose animals shows many interesting photos and videos for all kinds of animals appear on Rose campus. Many people have followed the account, I believe many of those people are willing to look at the animals by themselves. Therefore, this map provide a distribution graph for people to look at so that they can go to places with the highest possibility to observe the animals.

Collecting information from multiple sources

https://mol.org/species/Grus_japonensis

The website above is one of those that also show animal distributions on a map. However, what they do is to show in a very wide range. Besides, they cannot show the exact density graph of the species. In addition, they didn't support users to click on the map to see the species around that area. What we want to have in our map, is that we tend to show the distribution on the map with a density graph, and people can go from map to animal or from animal to map. Finally, we will allow that website to allow logged-in Rose students to uploads and mark the location of their photos for the animals.

Solution that adds value

I believe that this app will add interest to Rose campus life. Since our campus is not in a big city, getting interesting things from nature without hurting it will be a good choice. So, this app helps Rose students to better observe the world around us and probably slow down from the pressure from studying.

1. this app allow people on campus to upload their photos of the animals and mark their location
2. this app will show the distribution according to the frequency of the animal appears