# Research and Project Portal Team Campd: Colton Estes, Parker Hansen, Maira Rivera, Ashley Torres, Dominic Whiting Sponsor: Dr. Mark Albert

#### Overview

RAPP is a site that allows both professionals and students to list their active or completed research projects. This will allow associates of UNT to easily look at multiple projects and potentially work on a project that sparks their interest.

# Project Features

- 1. Login Authenticaition
- 2. Post Project
- 3. View Project List

Hey there, ashley You are logged In

Logout

Submit

Forgot password?

# Add a project

P	roject Name Exploring Deep Space
O	wner
	Mary Morgan
S	tatus
	Pending
D	escription
	With the tools proposed here, we could explore the 96% of the universe that's unknown.
Fi	ile Attachment
(	Choose File No file chosen

#### Self Flying Car

Colton Estes

This is an idea for a self flying car. Instead of only self driving or only flying, why not go ahead and do both? This will remove the complexity of moving in a 3D space from humans and put it in the hands of a computer that can make sense of everything going on around it.

Status:

Attachment:

Remove

#### Research and Project Portal

Campd

This product's main goal is create a centralized database of unfinished projects and research ideas that can be easily accessible by everyone. This would be useful for students who are currently working on multiple projects or professors who

### Technology







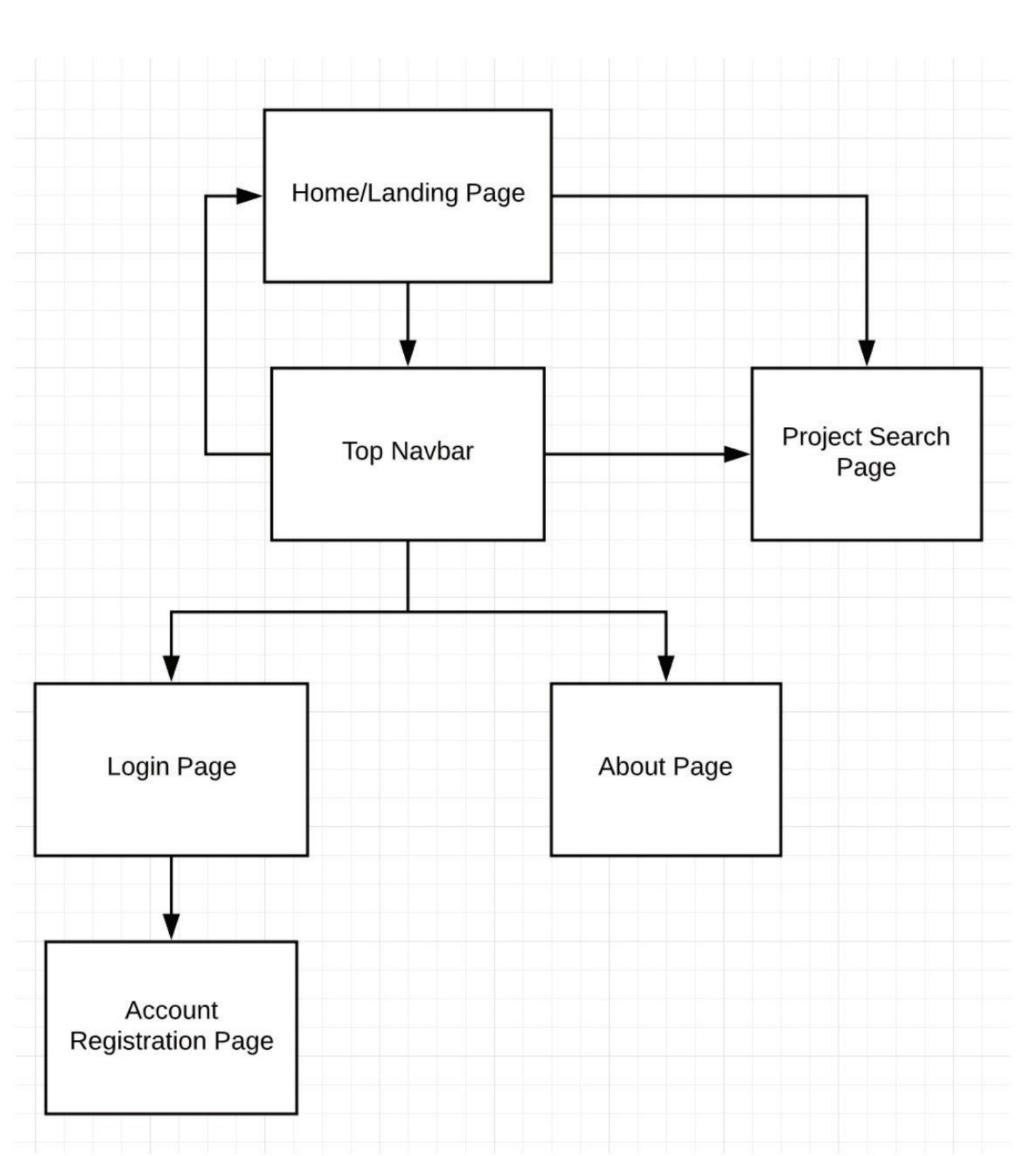




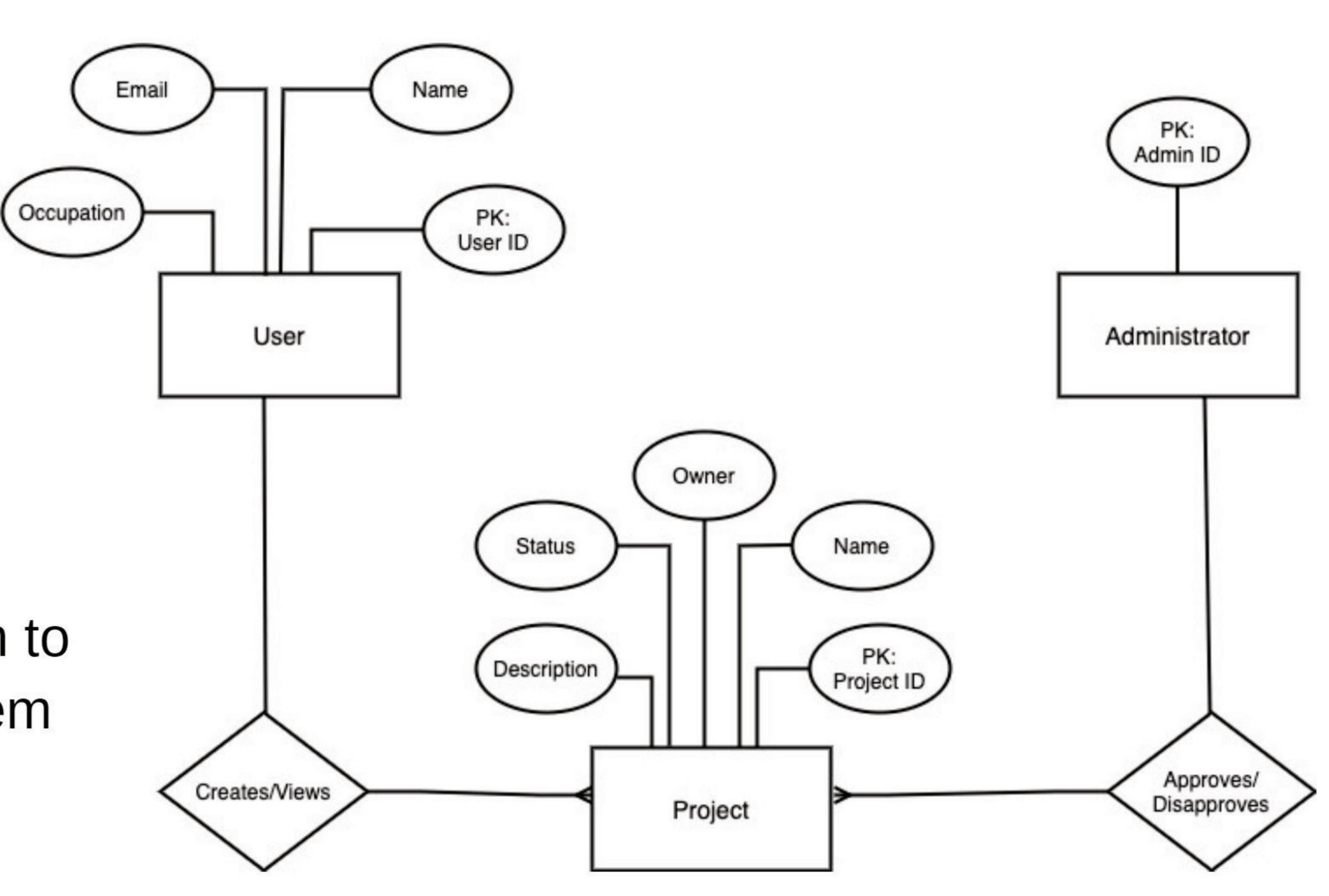
- Automatic backup for website data.
- End user can view on desktop or mobile web browser

# Design

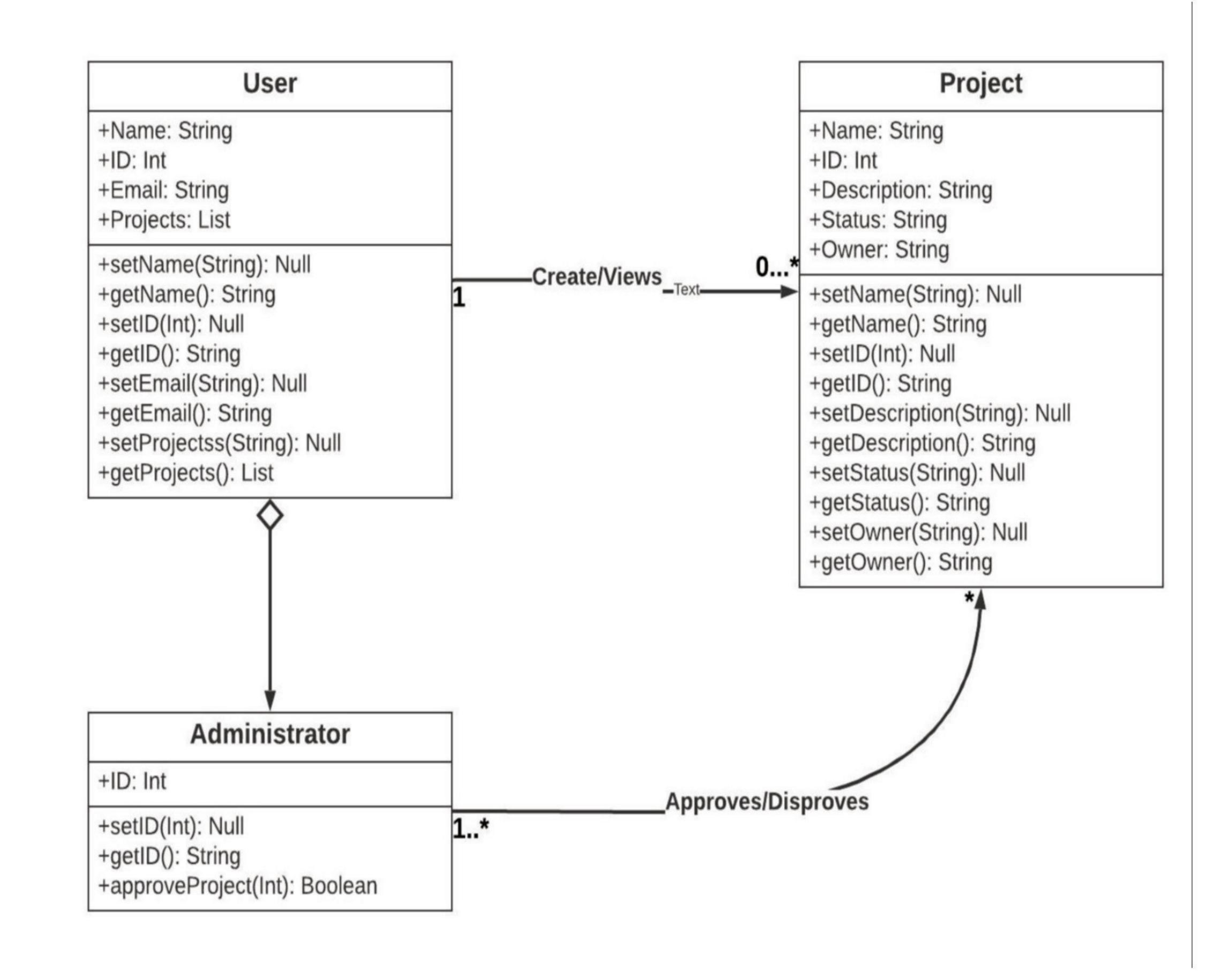
- The database and user control scheme allows only an admin the ability to control projects on the website to prevent spam or an excess of dead projects
- The ER and Class diagrams reflect the information that is necessary for user account's or projects.
- These design choices will keep database complexity down to prevent an increase in points of potential failure for the system as a whole and making feature implementation easier on the development end.



Information Architecture Diagram



#### ER Diagram



Class Diagram

# Benefits:

This will also create a more collaborative environment between UNT professionals and students, helping students create professional relationships as they move forward in their careers.

#### Lessons Learned:

- Having a plan in place helps with unexpected events.
- Communication is key
- Documentation of our project is important.