

Engineering Gallery



Team NVC: Nicholas Frangos, Vignesh Thyagarajan, Chi-Ho Wong

The Product

Allow engineers to showcase their talent

Act as a professional portfolio for users to reference

Serve as a means of inspiration for users viewing content

Bring creative and clever implementations/creations to the spotlight in a visual manner

MVC Architecture

Model

- Model to take and store data from users like login details, profile details
- Model to process data/projects posted in the form of images, videos, text, audio
- Model for commenting on posts and being able to like/share posts
- Model for tagging posts, making them subject specific, etc.

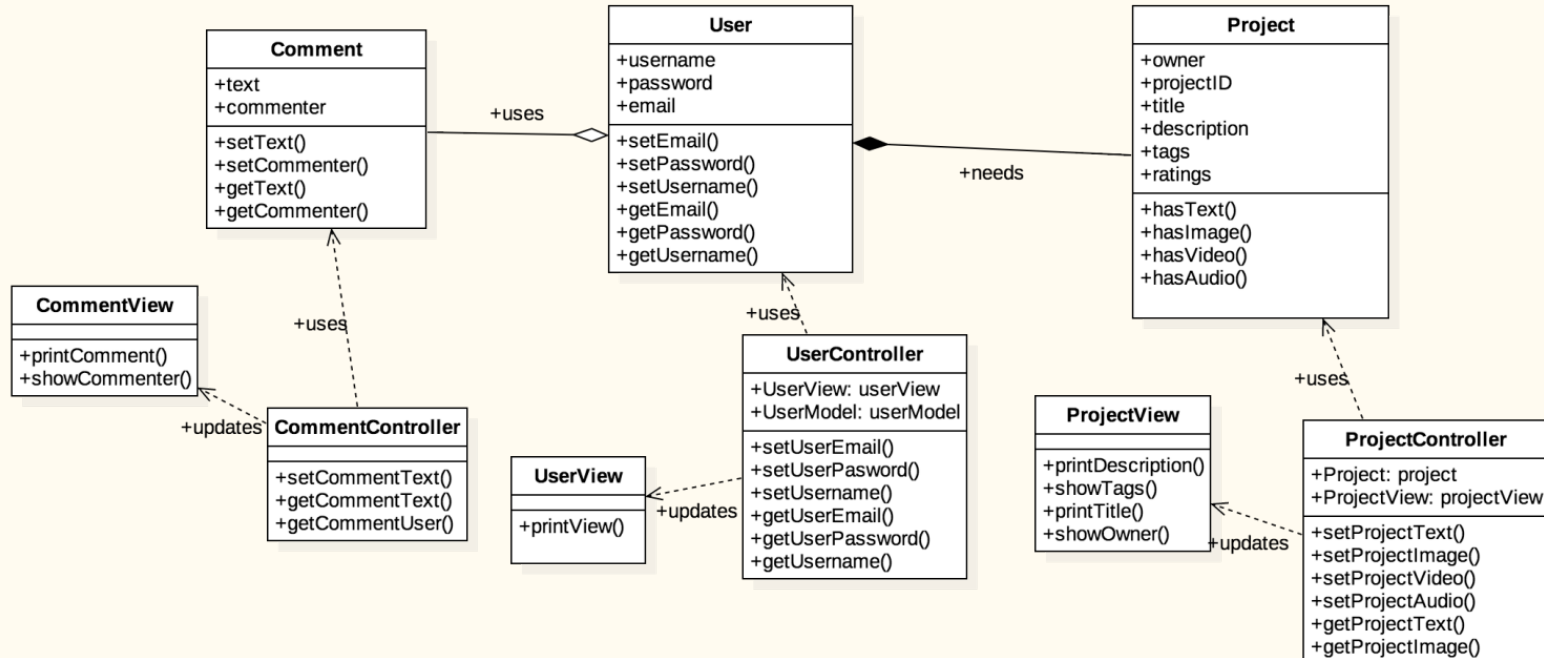
View

- View that displays homepage; page with a form to create an account or login
- View that displays user profile, etc.
- View that allows for posting, title of post, description of post, and any attachments of the post
- View to see other users posts in a news-feed like page, make comments

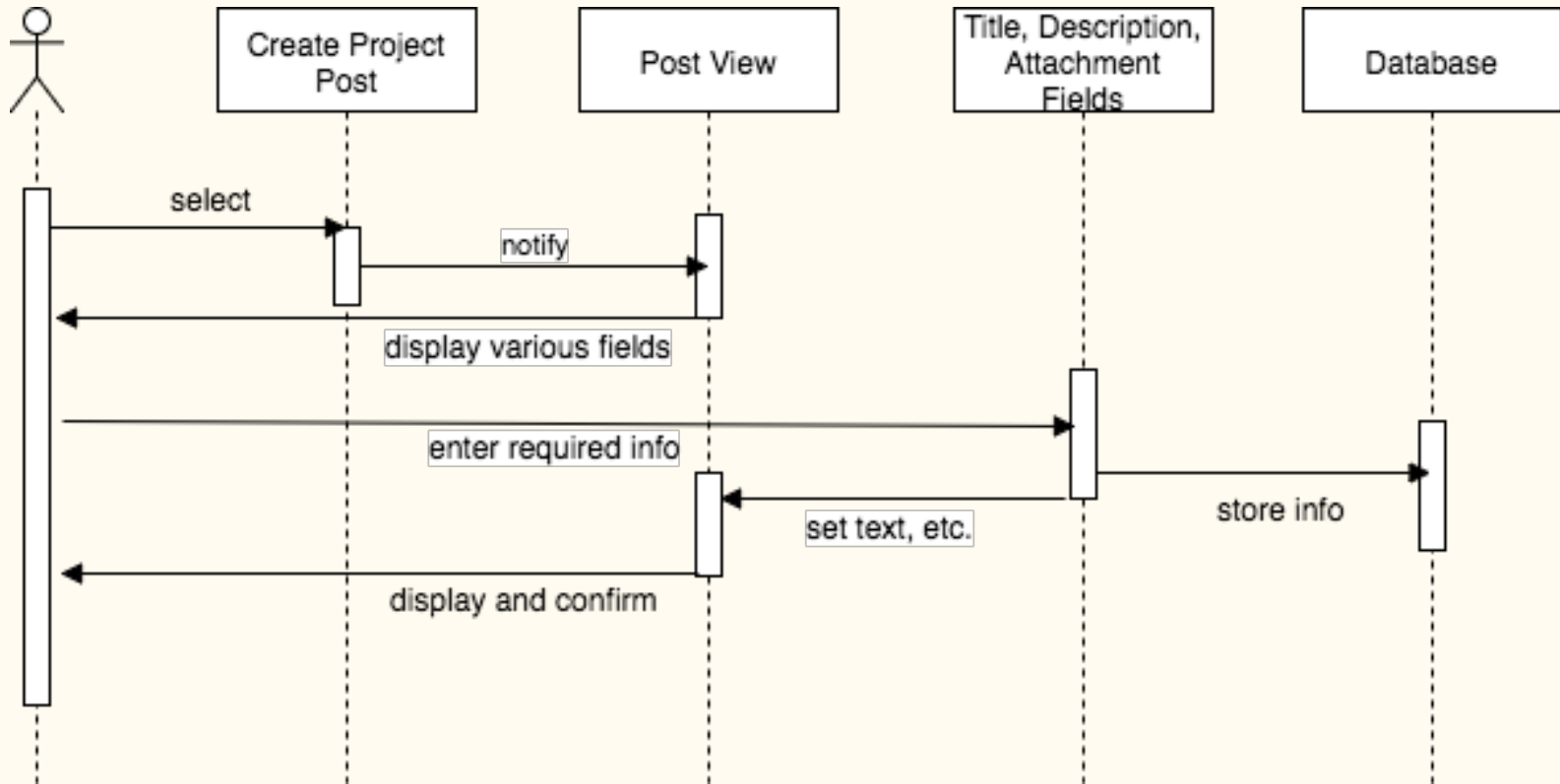
Controller

- Controller to help output user data to the view after it has been posted
- Controller to help log the user in after they enter their details
- Controller to publish posts and sort by tag

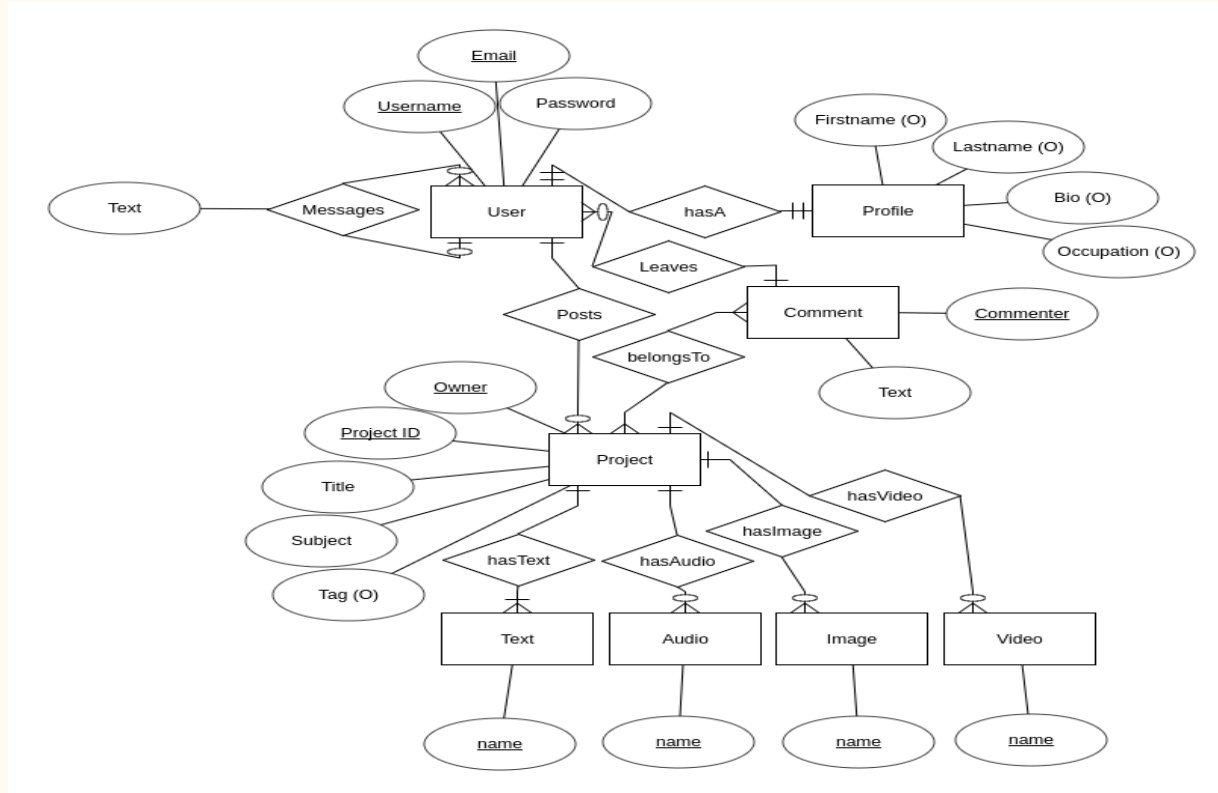
UML Class Diagram



UML Sequence Diagram



Entity Relationship Diagram (ER)



Relational Schema

