

Design document

UNCGTube

10/28/2024

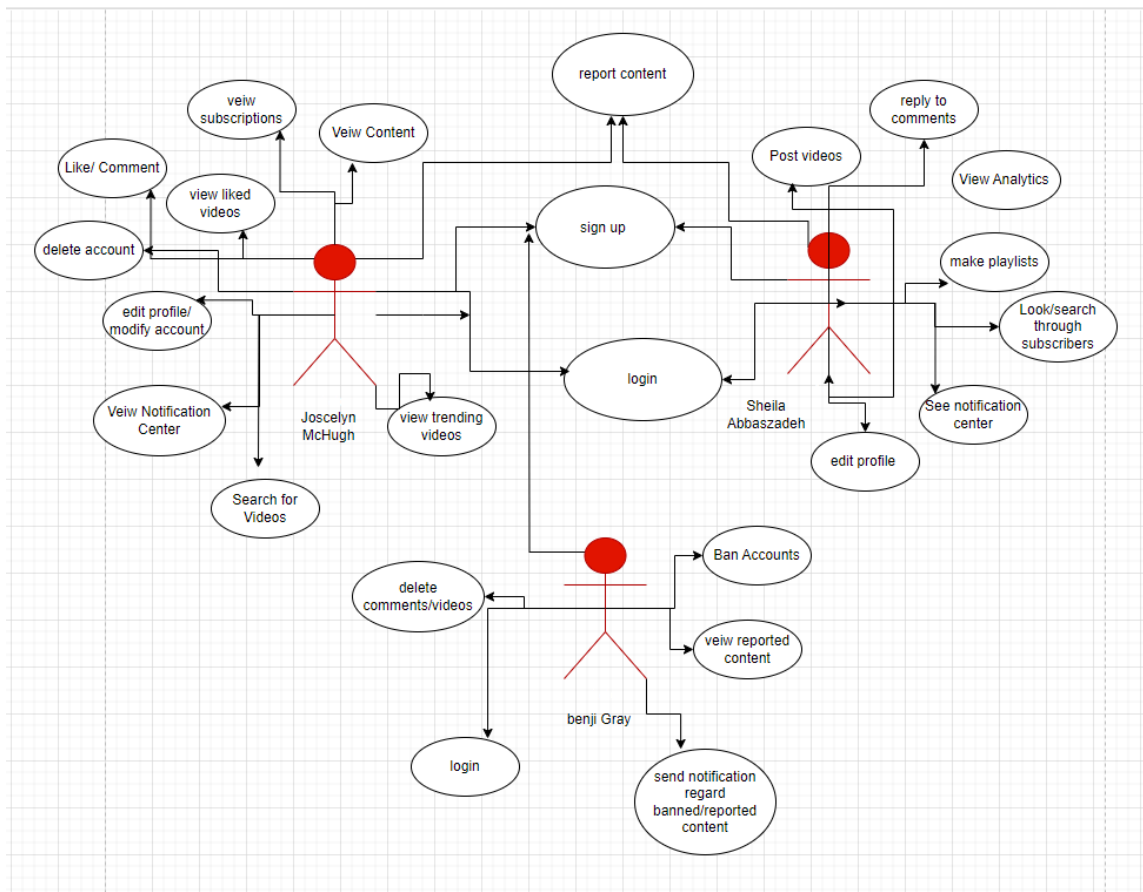
Version one

Benji Grey, Joscelyn McHugh,
Sheila Abbaszadeh

1. Project Overview:

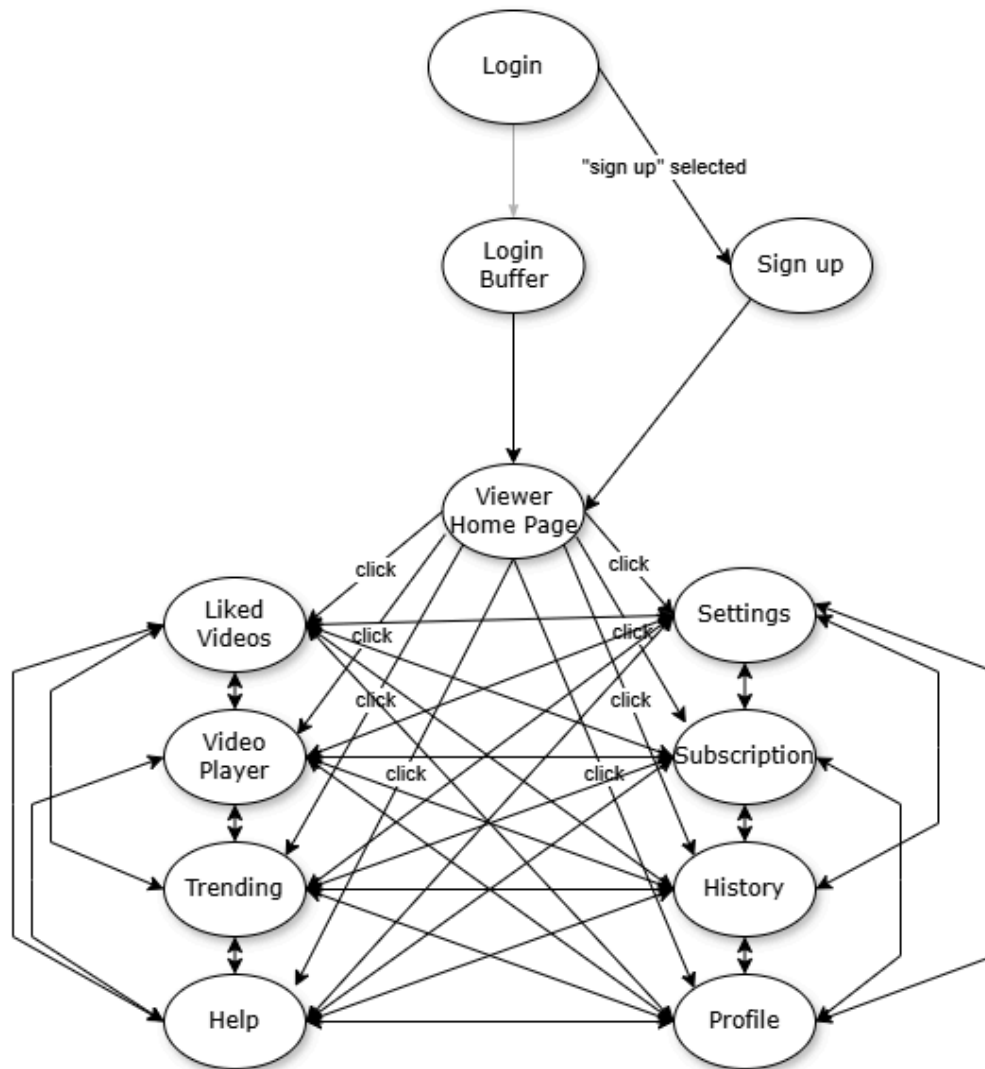
The goal of the UNCGTube platform is to provide a beginner-friendly YouTube-style channel specifically for UNCG students, offering a safe and encouraging environment for them to upload videos, build confidence, and develop content creation skills. Influencers (students uploading videos) can share their content, receive feedback, and engage with their audience, while Viewers (other students) can watch, comment, and support their peers. System Admins oversee platform functionality, moderating video content and comments to ensure they remain appropriate and foster a positive community. The platform focuses on helping students gain local recognition, build a following, and prepare for larger content creation opportunities beyond the UNCG community.

2. Use-Case Model:

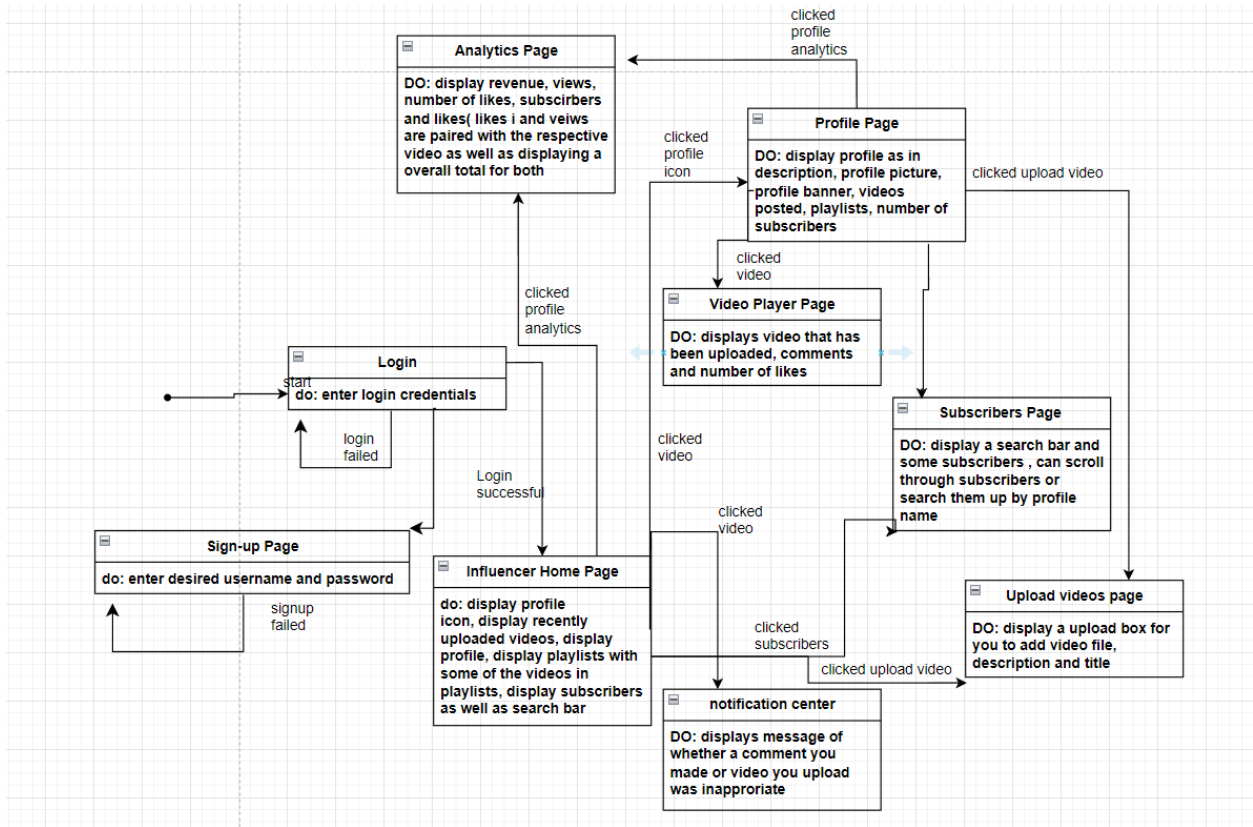


3. State machine diagrams

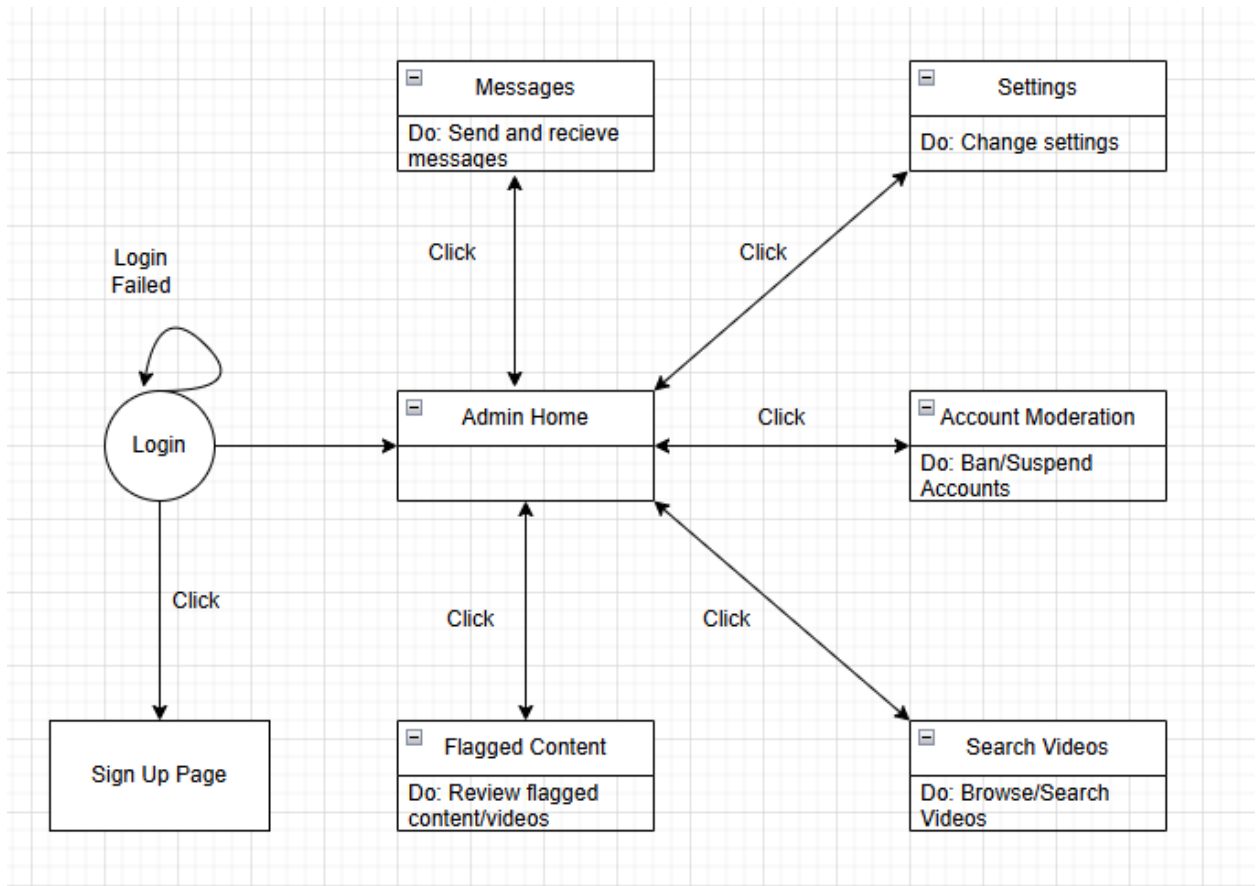
a. State Machine Diagram - Viewer



b. Influencer - Sheila Abbaszadeh

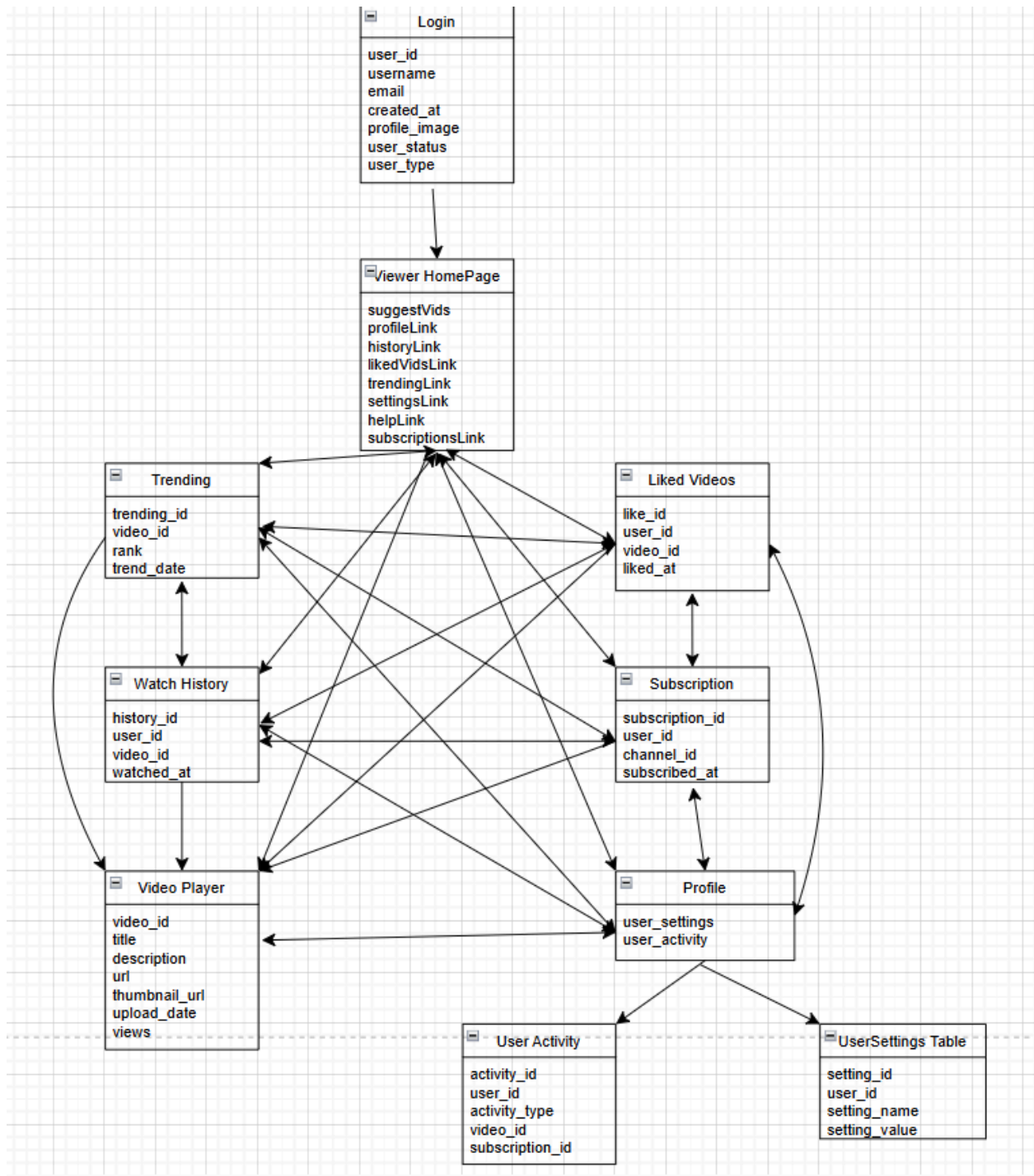


c. SysAdmin - Benji Gray

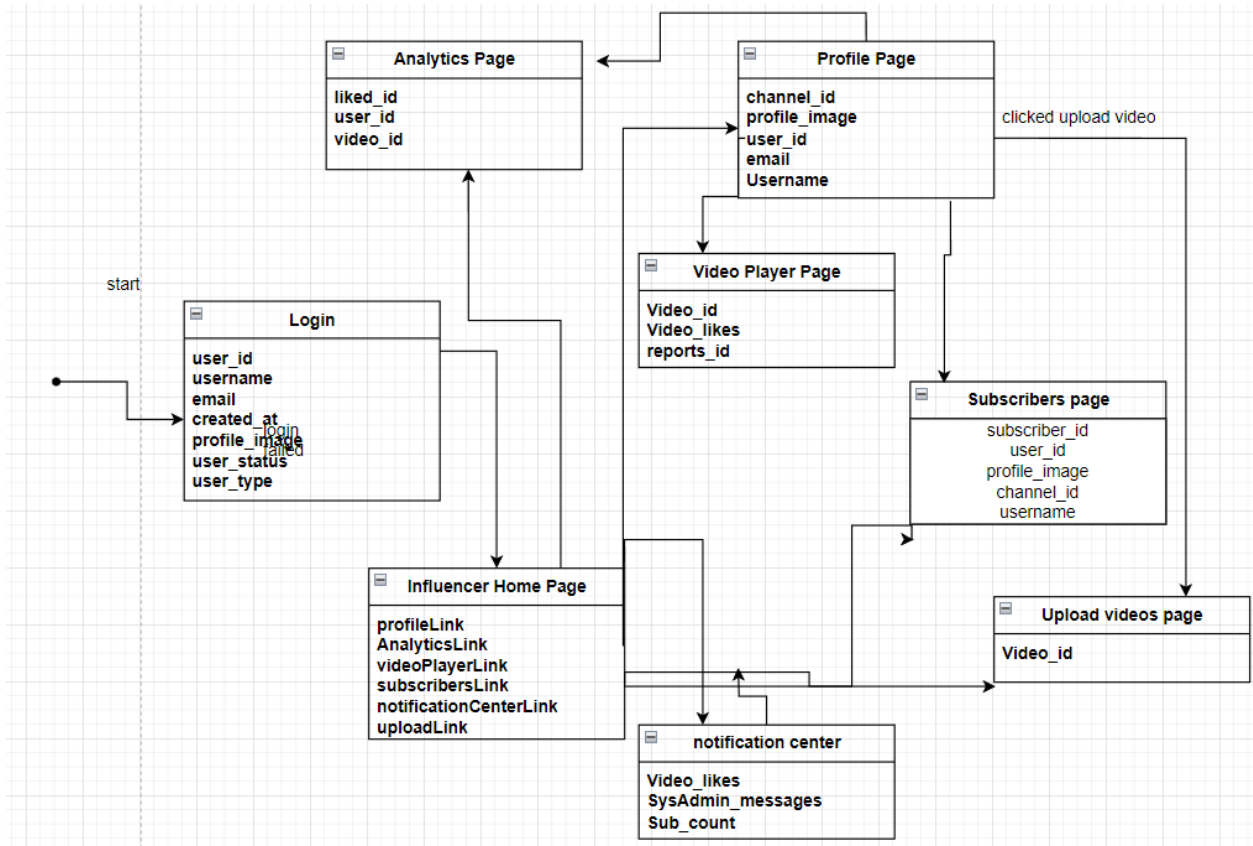


4. Database Schema:

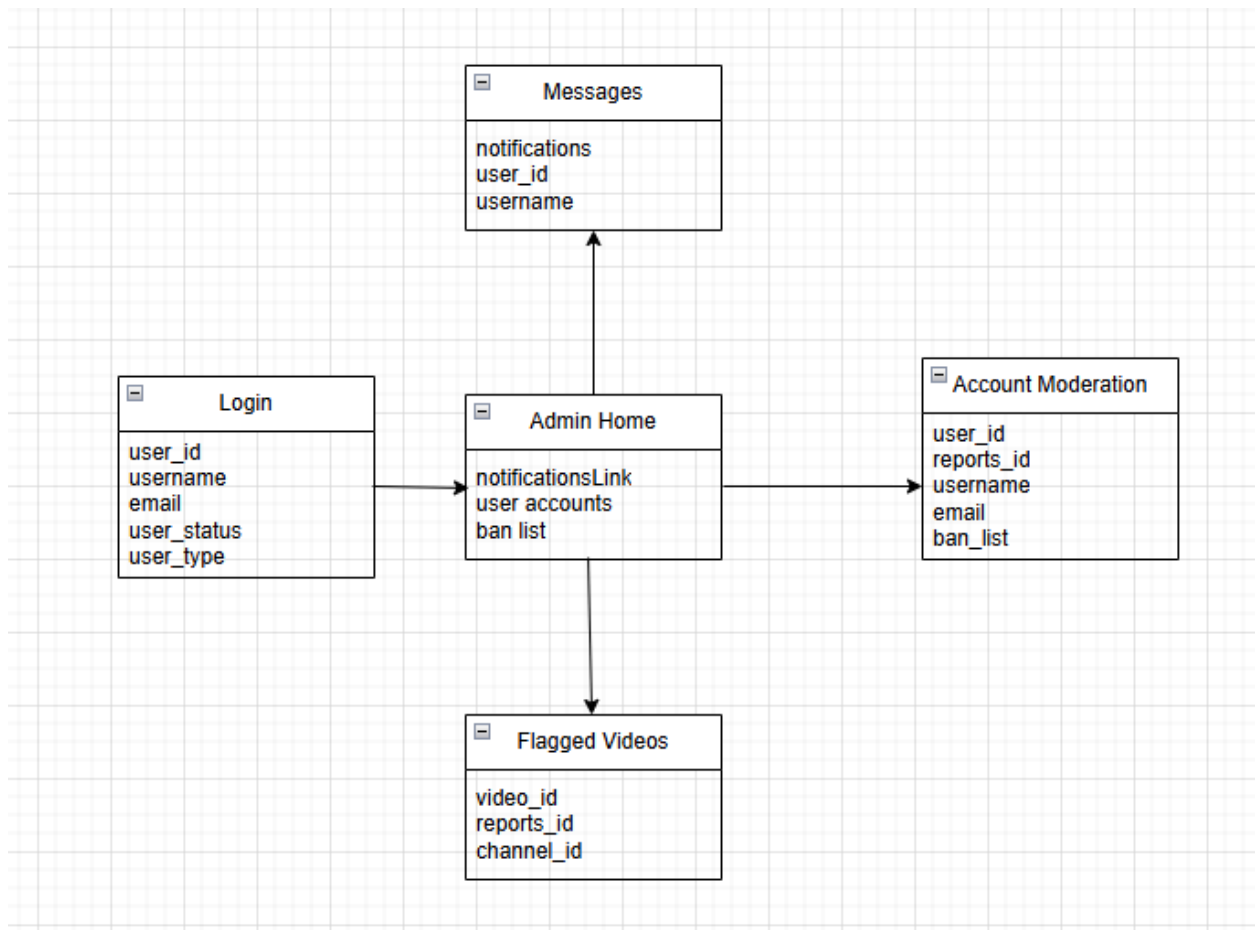
a. Data Schema - Viewer Joscelyn Mchugh



b. Data Schema- Influencer Sheila Abbaszadeh

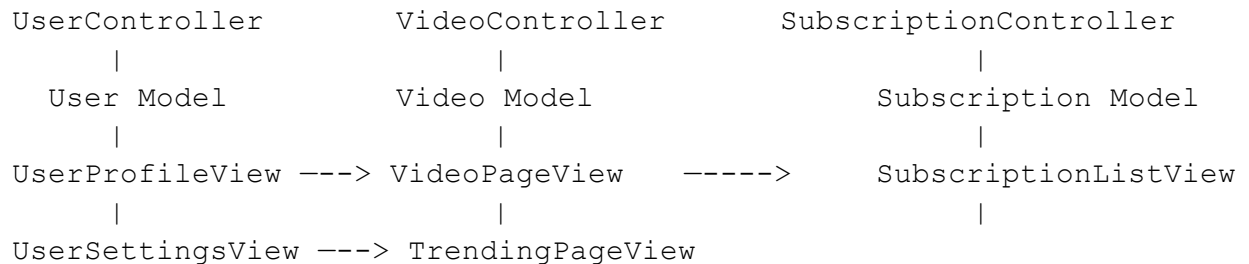


c. Data Schema- SysAdmin Benji Gray



5. Software Architecture - MVC

-Viewer



b. MVC structure - sheila Abbaszadeh

Influencer MVC Structure

