

Design Document

UNCG Fitness App

10/30/24

Version 1

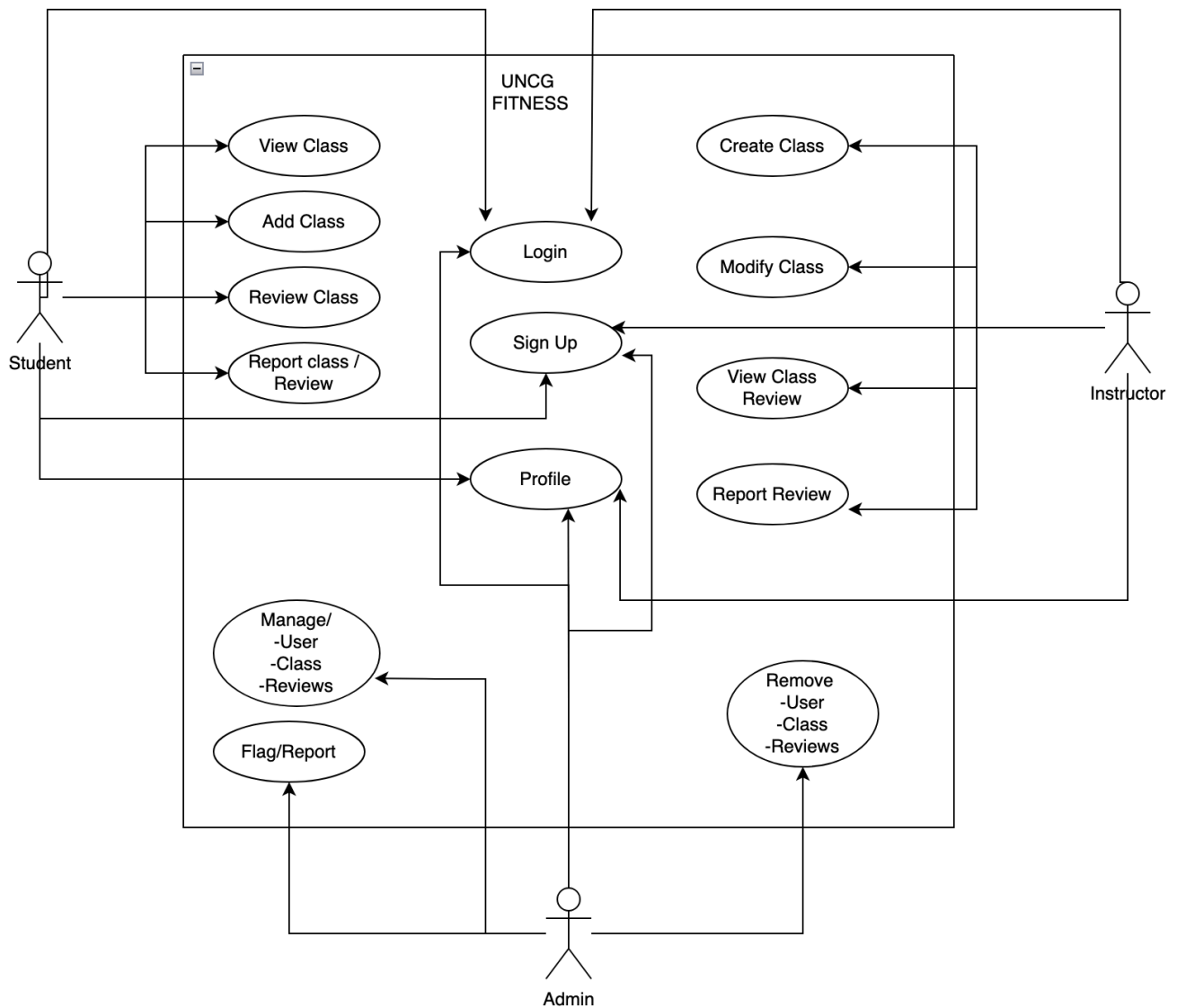
Natalie Hildreth, Trinity Boler, Jennifer

Galicia-Torres

## 1. Project Overview

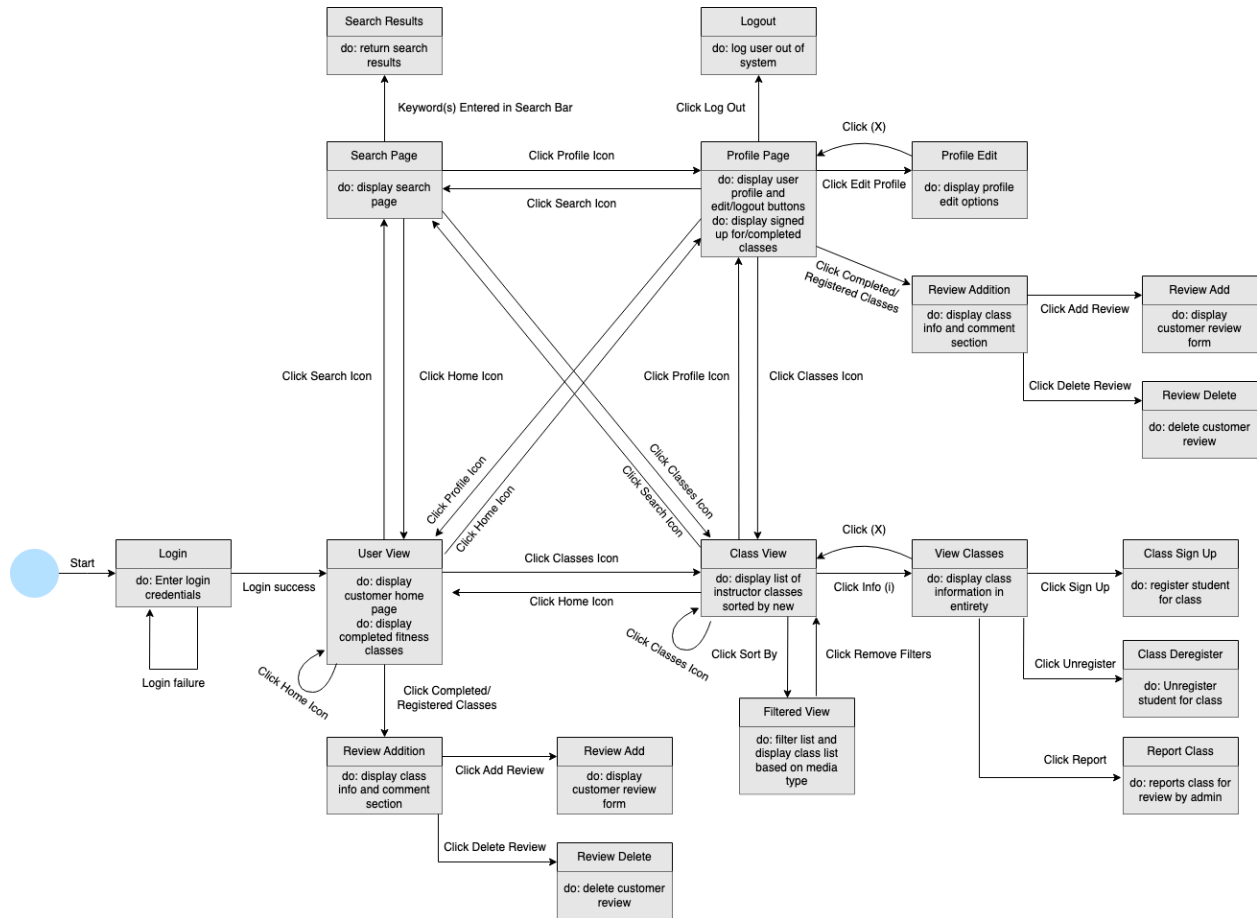
The UNCG Group Fitness app is designed to enhance the fitness experience for UNCG students by allowing them to easily sign up for a variety of fitness classes led by qualified instructors. The app provides essential class information, including materials needed and schedules, helping students find options that align with their availability and comfort levels. Students may write reviews upon completing a fitness class. Instructors have the ability to create, modify, and delete classes, while administrators can oversee content to ensure a safe environment for all users.

## 2. Use-Case Model

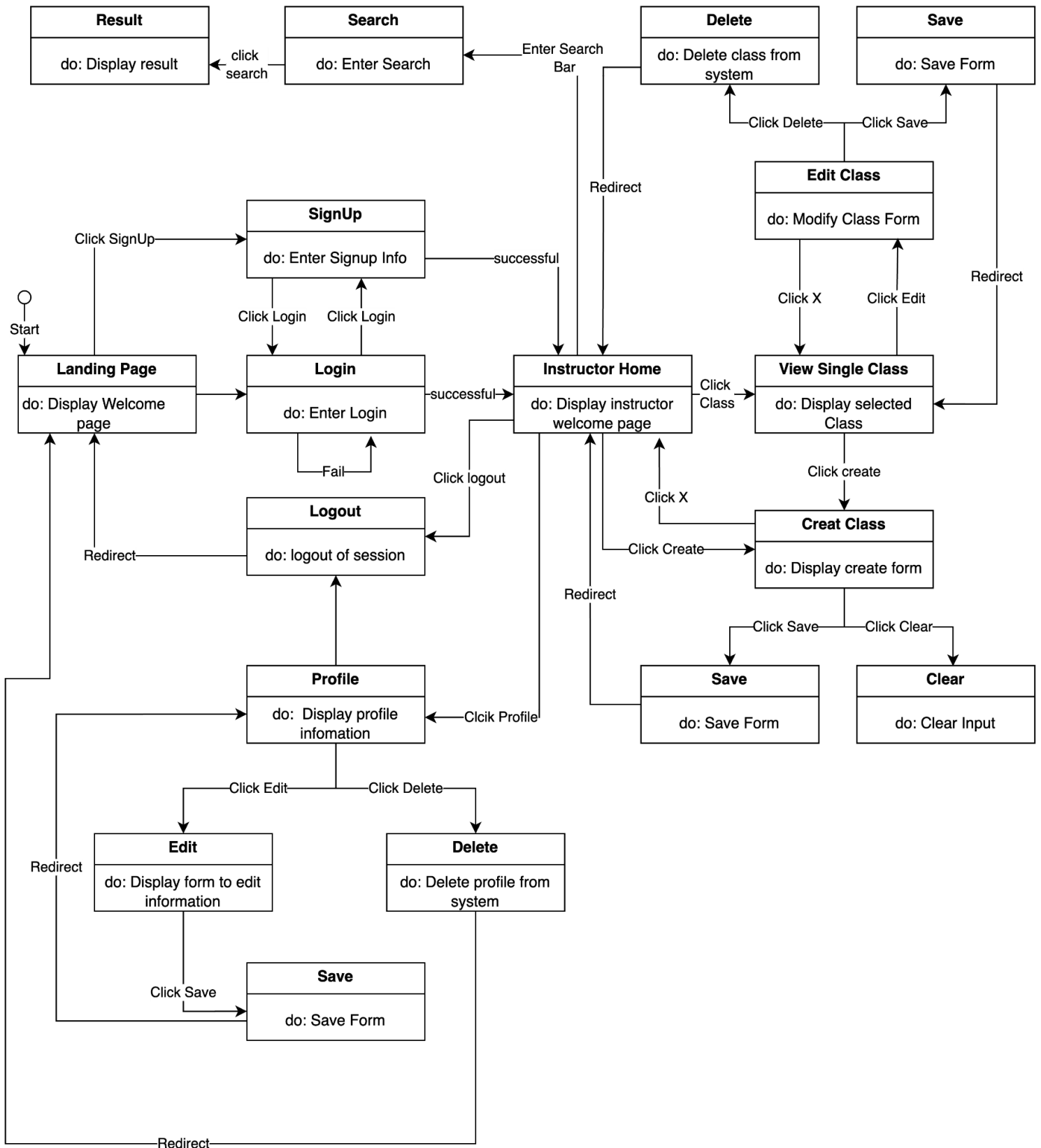


### 3. State Machine Diagrams:

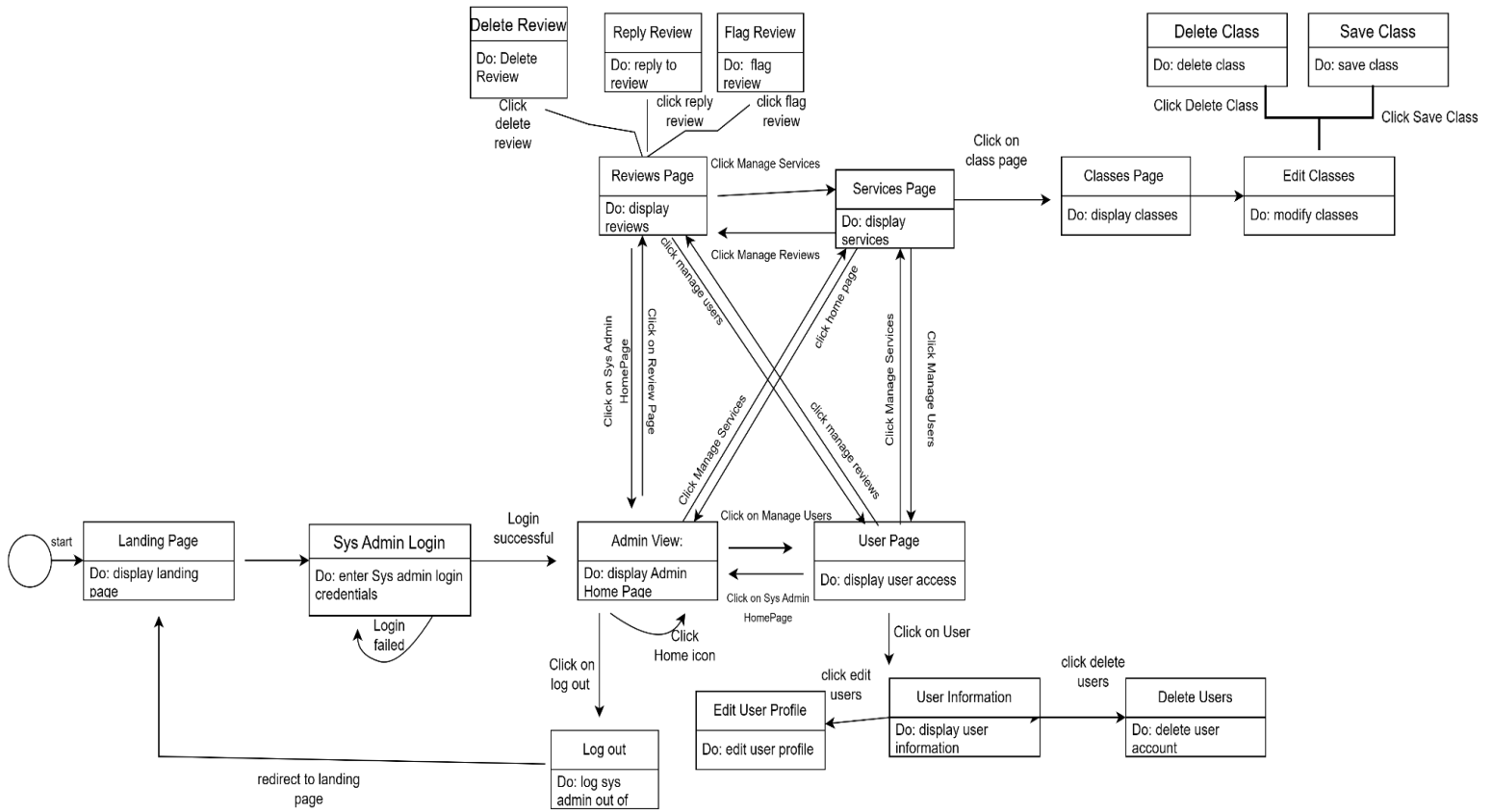
#### a) Student - Natalie Hildreth



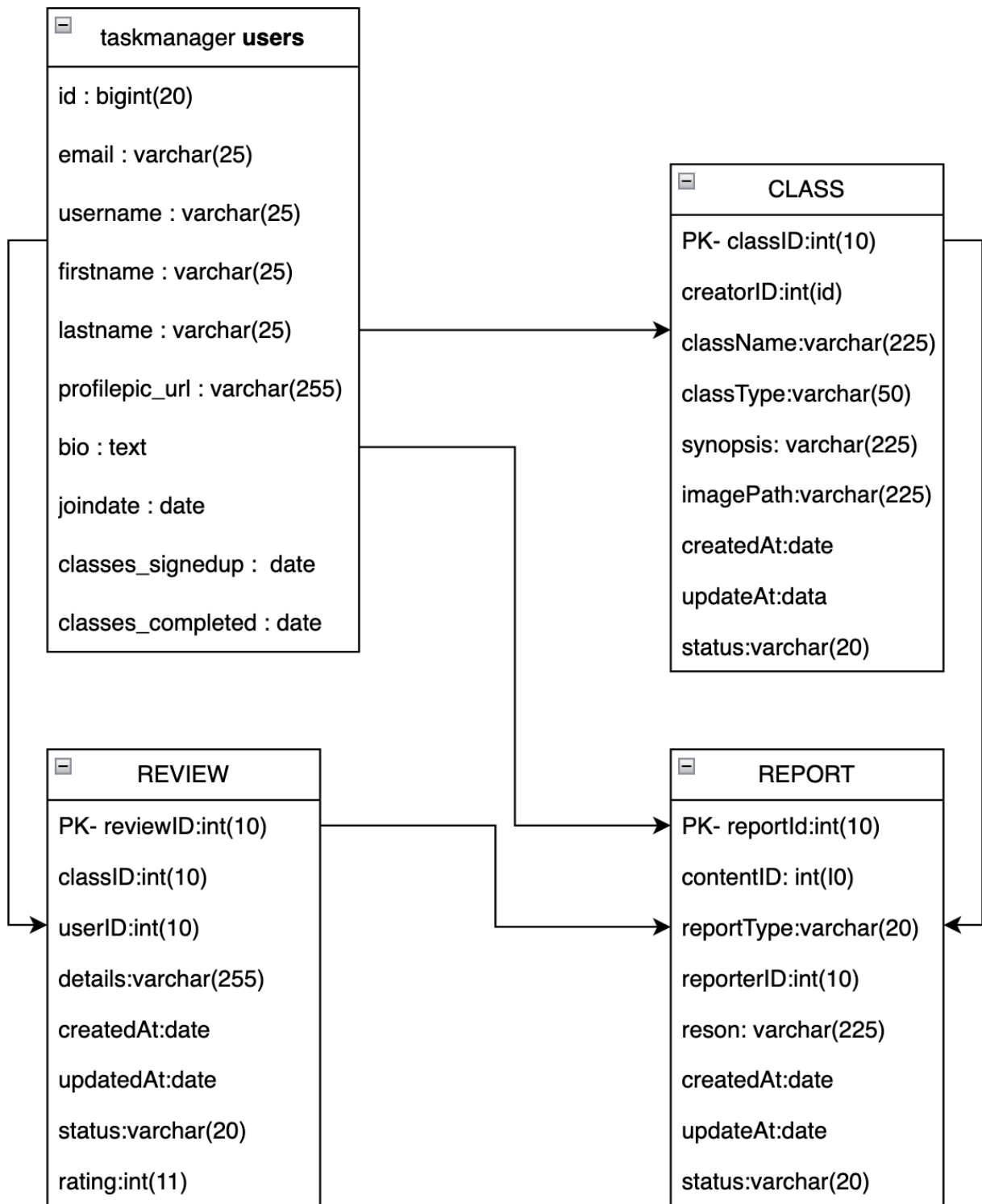
## b) Instructor - Trinity Boler



### c) Admin - Jennifer Galicia-Torres



#### 4. Database Schema



## 5. Software Architecture - MVC (example)

