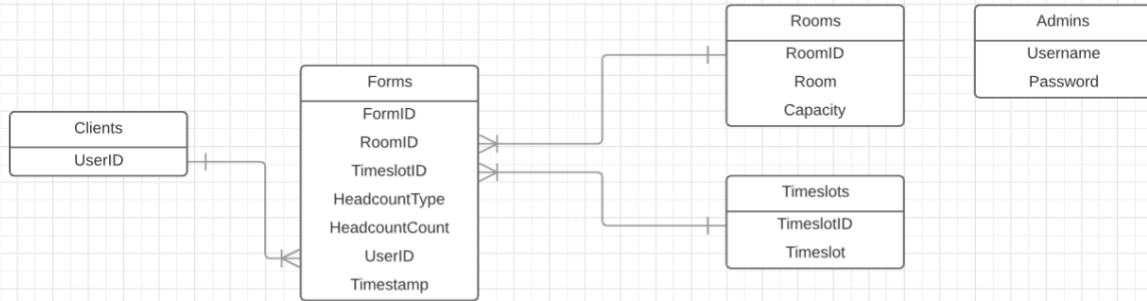# COMP4970 - Software Engineering

Red Team - Database

Timothy Boss, Kevin Cotter, Emmett Basaca, Brady Walsh

Entity Relationship Diagram & Class Diagram of Inputs and Outputs

**Entity Relationship
Diagram**

Rooms
RoomID
Room
Capacity

Admins
Username
Password

Forms
FormID
RoomID
TimeslotID
HeadcountType
HeadcountCount
UserID
Timestamp

Clients
UserID

Timeslots
TimeslotID
Timeslot

**Class Diagram of Inputs
and Outputs**

| Admins | ←— Input —— | Admin |

| Clients | ←— Input ——— | Client |

Clients ←— Input/Output ——→ Admin

Clients —— Input —→ Forms

| Forms | ←— Input ——— | Client |

Forms ←— Input/Output ——→ Admin

Forms ←— Input/Output —→ Rooms/Timeslots

| Rooms/Timeslots | ←— Input ——— | Admin |