

## CS59 Project Proposal

### David Wordelman Resort

#### Management Site **Purpose:**

The purpose of this website is to manage hotel rooms, or rather, check in customers into their rooms, and checkout customers when they leave. The page will have 3 main pages, a home page to claim a room, a check-out page to check-out, and a management page to mark the room clean, and ready to be used.

#### **MySQL tables:**

resort\_users:

id int unsigned auto\_increment not null primary key

first tinytext -first name last tinytext -last name

email tinytext -email resort\_rooms:

number int unsigned not null primary key -room number status

tinytext -labels room as "active" "needs cleaning" or "open"

cleanliness tinytext -keeps track of how clean the room is, room needs to be clean before it can be open

user\_id int unsigned -this will be the foreign key to resort\_users, what user is in the room, null is empty

is\_admin tinytext -Keeps track of who is admin, if they are admin, access admin page.

#### **Web Pages:**

Home: prompts user to sign-in, or signup.

Book: Puts a user from the database in a clean, vacant room.

Sign up: Puts a user into the database.

Check-out: Puts a user out of a room, room will still be considered “dirty”.

Admin page: Shows all users and room status. Can delete users and mark rooms clean, evicting the occupant in the process.