Rankine Room Reservation

By Faiyaz Aziz, Drayton Barrand, Paul Bodinizzo, Daniel Gauntlett

What is Rankine?

- Rankine provides room booking software for college campuses for school-run and student organization events.
- Our priority is ease-of-use, without sacrificing privacy
- Many competitors make the process of reserving rooms for events quite difficult, either through not allowing to edit submissions after the fact, or making it very difficult to find specific rooms to reserve
- With our product, it's super simple to both create and edit requests for room reservation, while not sacrificing important security features like privacy and the approval process

Core Features

- Allows reserving rooms from the database for arbitrary timeslots via creating event requests
- Event requests can be approved or denied by administrator accounts
- Notifies users if their request is approved or denied.
- Events can be edited by the creator at the cost of approval going back to Pending
- Existing approved and pending bookings for rooms can be viewed by logged-in users.
- Search for rooms to book based on availability, capacity, and room features.
- Automatically deny pending requests that overlap in room and timeslot when one event is approved (with confirmation alert to admin)

Extra Features

- Events can be public or private (private events can only be seen by the creator and administrators)
- Multiple rooms in the same building can be reserved at one time
- Recommends room given description of event
- Allow admin to edit room database
- People can RSVP approved events they intend to go to by room reservation
- Displaying pictures for each room in the list alongside the room features
- Sidebar campus map for room reservations

Who & Why

- This application is intended for college campuses and students on campus to schedule events
- This gives students and organizations easy access to room registration and reliable information to prevent cross-booking and other mishaps
- Some members of our group are familiar with the room reservation process, and have issues with it that they could fix