

## **Hotel Management Application**

The domain of this application will be a hospitality management service. It will be helping manage room states/reservations for multiple hotels. Users of the application will be able to insert, update, and delete reservations made at the hotel by going to the update database page. Users will also be able to go to the query page where they can submit many different types of queries about reservations and rooms. Users can also view all reservations, select certain tuples from reservations, or select either reservations, reserves, or rooms tables and specific attributes to view.

### **Changes**

We changed our schema to become a subset of the one we created in milestone 2 because we wanted users to have more control over the queries that they're submitting. Since it takes time to fully implement features we'd rather have users be able to do lots of queries on fewer tables than a few queries on many tables.

We also didn't normalize our roomContains table because we wanted to have our queries on rooms to have all the related attributes included, and didn't want to split the table up into two.