CISC 332

QBnB Project Deliverable 2

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# Continued Assumptions

1. We have used Email as one of the primary keys for our Member table, restricting each email to being associated with one account on QBnB.
2. All Properties in the Property table must be owned by some member of QBnB.
3. One member may own multiple properties, but multiple members cannot own the same property.
4. Each property belongs to one and only one district, but a district may encompass multiple properties.
5. All bookings must be approved (or denied).
6. The member that owns a rentable property is able to approve (or deny) any bookings, and all bookings need only be approved once.
7. Owner\_ID corresponds to the Member\_ID of the owner of the property in question.
8. Any member may comment on a property, but the owner of the property is the only user who may reply directly to comments on their property.
9. Administrator accounts will be limited to five, and will be the first five accounts created in the Member table (Member\_IDs 1, 2, 3, 4 and 5).
10. When leaving feedback on a property, a comment is required, but a rating (out of five) is optional.

# Updated Relational Schema & Table Dumps

# Required SQL Statements & Sample Outputs

# State Machine Diagram

# User Interface Flow

## Main Page

From the Main Page, there are a few options for the user to choose from:

* Browse through the main page and view additional information on QBnB
* Enter their email into the displayed textboxes and click “Sign Me Up!”
  + This option will take them to the Sign Up Page
* Select the “Already a Member” option to sign into QBnB
  + This option will take them to the Sign In Page

Users are not able to access this page if they are logged in, and it is the main page when accessing the website via the sites’ domain.

## Sign Up Page

From the Sign Up Page, the user is able to enter their information:

* Upon entering valid information in all fields of the page, the user can select Sign Up, and will be taken to the User Dashboard
* If the user does not complete all fields, or tries to create an account with an email that is already in use, the sign up process will not complete and the user will be required to enter all required, or different information

From this page, the user is also able to access the Sign In Page by clicking “Already a Member”, or to return to the home page by clicking the QBnB logo.

## Sign In Page

From the Sign In Page, the user is able to enter their account credentials:

* If they enter a valid email and password, the user is taken to the User Dashboard
* If they enter incorrect information, the user is prompted to try again with correct information

If the user does not want to sign in, they are able to return to the Main Page by clicking the QBnB logo.

## User Dashboard

## Settings Page

From the Settings Page, the user is able to update any parts of their account information. Once they have entered the new information, they can select the confirm button, and may repeat this if desired. Once the user is done updating their information, they can be taken back to the User Dashboard by clicking “Go Back”.

## Administrator Dashboard

Within the Administrator Dashboard, administrators have several options and controls at their disposal. The Administrator Dashboard allows Admins to:

* Remove a given accommodation from the list of all properties (and all associated features, comments and bookings)
* Remove a given user from the list of all members (and all associated accommodations, comments and bookings)
* View all bookings made by a given user
* View all bookings, comments and ratings made on a given property
* View all bookings, comments and ratings made on all properties listed by a given supplier

Additionally, the Administrators are able to leave the Administrator Dashboard and return to the User Dashboard.