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| --- | --- | --- | --- |
| **Action** | **On the Front-End you’ll see . . . using . . . .** | **On the Back-End I’ll use . . .** | **Notes** |
| **Logging in (Guest/Host)** | login.html with HTML/CSS to make it look pretty and to create a form with two text fields (username, password) and Login button.  JS/AJAX will pass info from form to . .. . | Servlet and Dao to query the database with PL/SQL (in a prepared statement unless I can get Auth0 to work) | \*\* Need to figure out how to determine (from the login) if the user logging in is a Guest or a Host |
| **Logged in/View Dashboard** | dashboard.html with same header/footer/sidebar as login.html but main part of the page is now divided into four parts. | Each piece of the dashboard will be built based on its job and the user type.  (see below) | \*\*Maybe. This may need to be separate pages but I’m trying to get CSS grids to work so it doesn’t have to be. |
| **Guest - Profile** | Upper-left corner of the dashboard quad  Shows username, name, address, phone, email | Servlet & Dao for Guest to pull Guest info.  (??maybe just pull info 🡪 parse to JSON 🡪 send to AJAX 🡪 parse out of JSON 🡪 display with JS?) | I need the login submit to pass information that tells the profile which user to pull information for. |
| **Host-view all guests** | Upper-left corner of the dashboard quad | Servlet and Dao for Guest with viewAllGuests() method to load from DB 🡪 List and display (like getAllCaves or getAllBears) | Still puzzling through how to build the SELECT for pulling reservation info for guests but still see ALL guests – even if they’ve not got a reservation if I put in dates. |
| **Guest- available rooms** | Upper-right corner of the dashboard quad.  This will be a search form with input fields for start/end date.  Will be displayed in table format with:  Room #, Room Type, Max # of Guests, and picture | Servlet & Dao . . . . need to figure out how to do the SELECT because this needs to pull rooms that don’t have a reservation based on the dates the user inputs. | Need to figure out how to get a picture into/out of a database |
| **Host-view all rooms** | Upper-right corner of the dashboard quad | Servlet & Dao for Rooms with viewAllRooms() method (like getAllCaves or getAllBears) |  |
| **Guest – Reservation Status** | Bottom-left corner of the dashboard quad. Will list:  Room #, Room type, Reservation start/end, and whether approved or not | Servlet & Dao for . . . .? This will need to be a SELECT that searches for recent reservations (so it’ll need to get the current date from the server) + the room # and type for that specific guest. |  |
| **Host – Approve/Deny Reservation** | Bottom left-corner of the dashboard quad. Will list: Reservation info with a button to APPROVE or DENY | APPROVE will do an INSERT INTO and a commit to the RESERVATION table.  DENY will not | Ideally, I would like this to then open up a “new message window” for both and then the host would need to fill in a new message. |
| **Both – Messages** | Bottom-right corner of the dashboard quad  Simple list of messages with  To, From, and then a link to read the message which opens the message in a new window. | Servlet & Dao for Message that pulls all messages for this guest/host (so SELECT will need something that matches the currently logged in user to something)  These will pull data from MESSAGE table |  |
| **Both- Read message** | Maybe in the same quad corner as Messages or in a new window with FROM & BODY (of the message) and a button to REPLY |  | Still trying to figure out how to do this. I think it’s a SELECT statement looking for the userid/hostID in the MESSAGE table and then loading that information into a FROM and a BODY field on the message page. |
| **Both – New message** | Maybe in the same quad corner as messages with TO and BODY |  | Still trying to figure out how to do this.  I think the button for “New message” in the Message corner will call different onclicks depending on if it’s a Guest “new message” button or a Host “new message” button.  Then . . . it’ll be a dropdown with hosts (for guests) and guests (for hosts) which would then add that guestID/hostID to the MESSAGE table with a text area for body. When they “send” it’ll INSERT INTO the MESSAGE table |
| **Both – Reply to message** | Same as new message window |  |  |

Messages (both)

Available Rooms (Guest)

All Rooms (Host)

Reservation Status (Guest)

Approve/Deny Reservations (host)

Profile (Guest)

All Guests (Host)

sidebar

Footer

Header