Myroom24 Wishlist Requirement Analysis

Company Name: Coyotiv

Company Website: coyotiv.com

Project Name: Myroom24 Wishlist Module

Project Website: myroom24.com

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Backend Service Implementation

A backend service needs to be written with Typescript, Express.js and Mongoose. There should be three two different routes. One for adding a room category to wishlist, and removing a room category from wishlist. And the other is to list the wishlist. Also there are some constraints:

- Only guests should have a wishlist

- A guest should be able to list the items in their wishlist

- A guest shouldn't be able to see another guest's wishlist

- A guest should be able to add an item to their wishlist

- A guest shouldn't be able to add an item to another guest's wishlist

- A guest should be able to remove an item from their wishlist

- A guest shouldn't be able to remove an item from another guest's wishlist

- UML diagrams for the MongoDB architecture should be written

Button implementation in the Room Details Page

The "Save" button should be implemented according to the design file shared on Figma. You can find an example screenshot below. The heart icon should be filled if the room category is already in the wishlist, with that the text should also be changed from "Save" to "Unsave". If there is not an ongoing session (meaning that the user is not logged in) button shouldn't be visible at all.

Property ID: A123CDI2   ⬆ Share   ♡ Save

~~€200~~ **€189** / night   ⚡

Check-In   Checkout   🗓
Fr, Mar 18, 2022   We, Mar 23, 2022

Guests   ⌄
2 Adult, 1 pet

Reserve

Included taxes and fees   Show Details
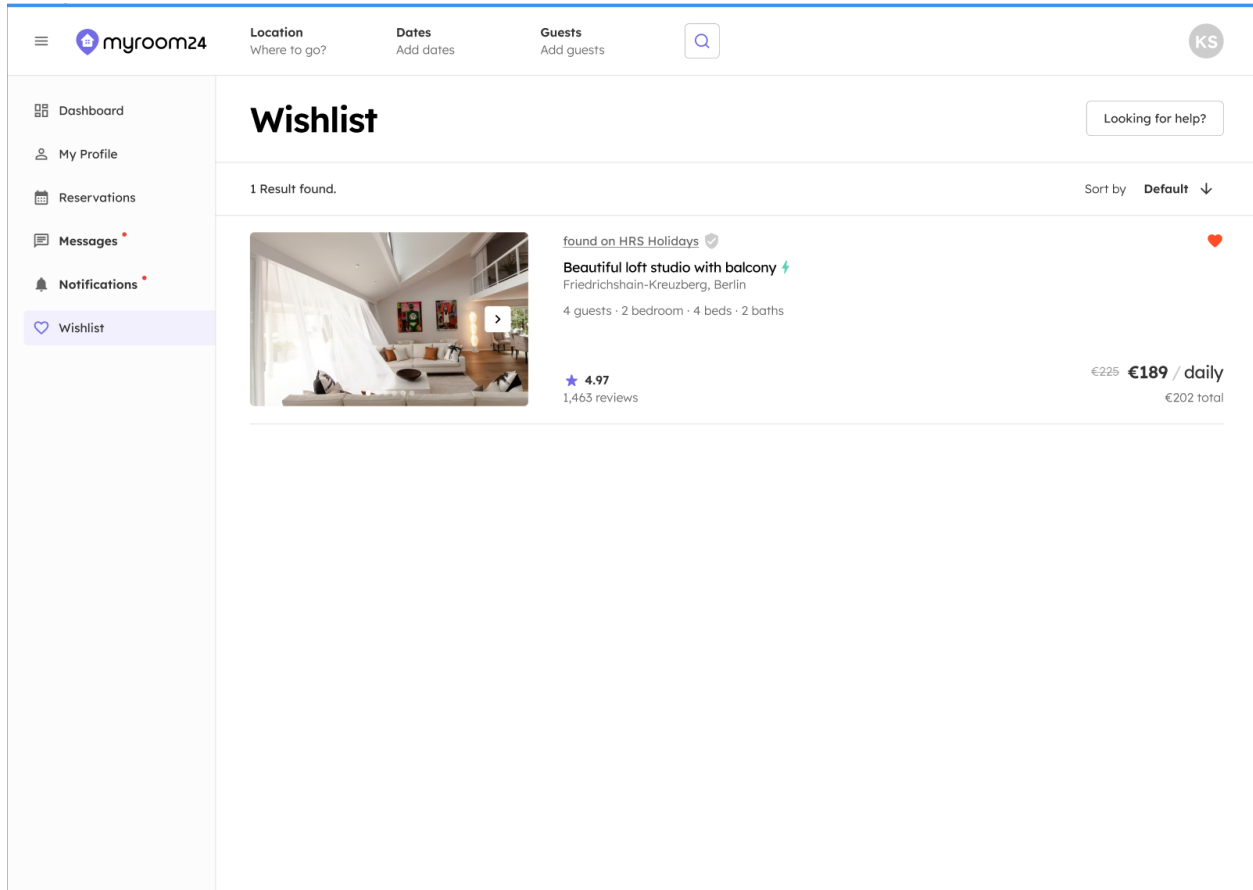
Total   €766

⚑ Report this listing

Migrating the Data From MySQL to MongoDB

There is an existing data in the old MySQL database, a migration script needs to be written to migrate the data to the newly created collection in mongodb.

Listing the wishlist in the guest panel

Guests should be able to see their wishlist from the guest panel. Design is provided in Figma file, an example screenshot is also attached below. If there are no items in the wishlist, then the empty result design should be shown.

Requirements Specific to Database

- UML diagrams should be created
- A migration script should be written to migrate the existing data from MySQL to MongoDB

- Mongoose model(s) should be created for MongoDB collection