



Luxury Stay



CMPE 202, Spring 2022

Data Miners

Avinash Ramesh, Poojashree NS, Sharad Nataraj, Abraham Kong



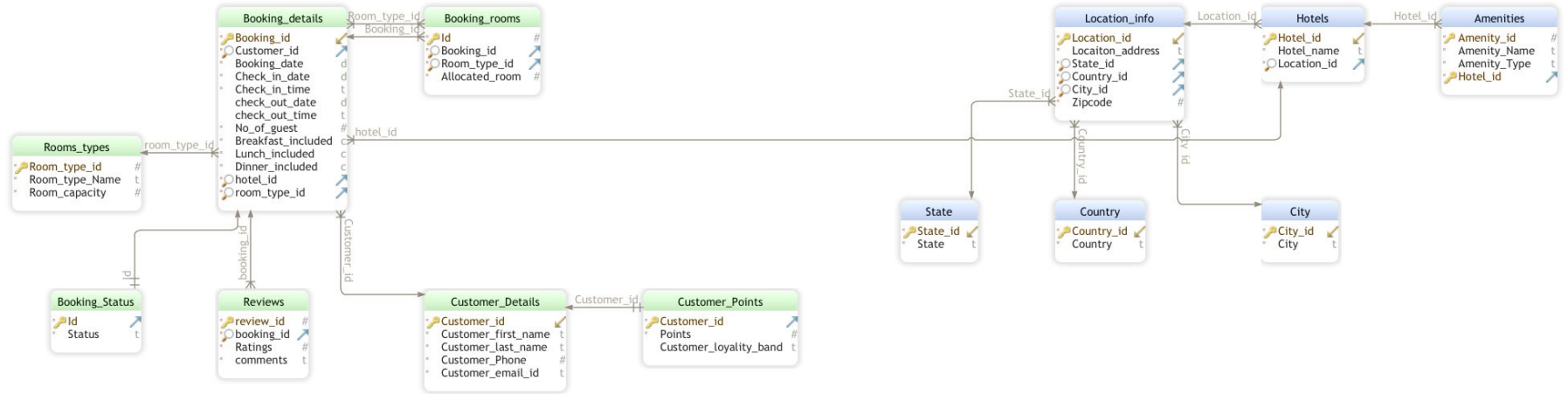
Project Objective

Hotel booking engine is an application on hotel websites to capture and process direct online reservations.

Our project allows customers to search hotels based on their criteria, view the amenities, book/ cancel the room reservations in a secured way.

We also provide options for users and hotel to create and manage their account.

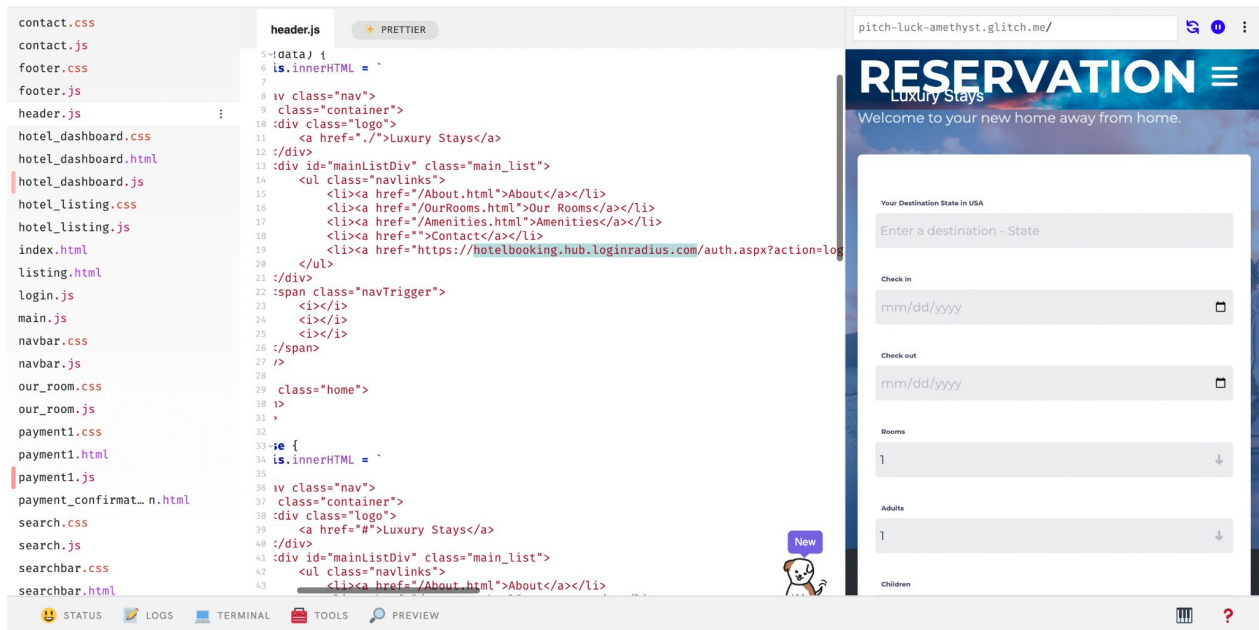
DB Diagram



Front End Building : HTML, CSS , JAVASCRIPT



Front End Building : HTML, CSS, JAVASCRIPT





Back End Building : PYTHON - FASTAPI



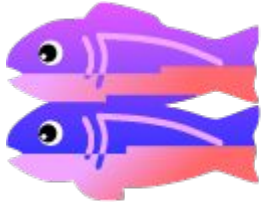


BACKEND DATABASE





Front End Hosting : Glitch



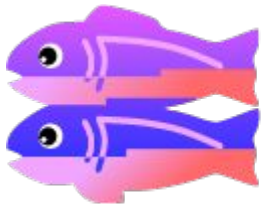
Glitch

GLITCH

URL: <https://pitch-luck-amethyst.glitch.me/>



Back End: Glitch



Glitch

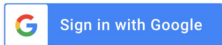
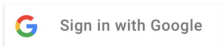
DOCS URL: <https://sticky-catnip-rowboat.glitch.me/api/v1/hotelbooking/tasks/docs>



Auth : MYSQL DB/ LoginRadius

Use Google Sign in for auth

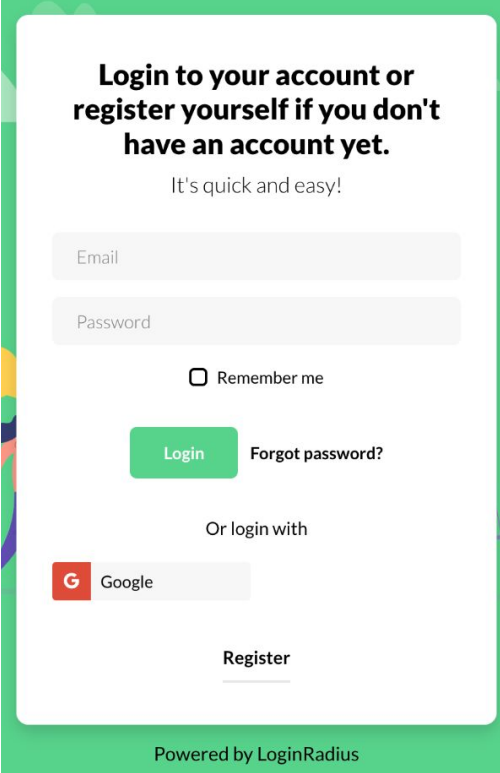
Sign in with
Google



Auth : LOGIN/REGISTER

We can choose to either register into our own database,

Or use Google Login to automatically fill in the information
From your Google account

A mockup of a login and registration form. The form is white with a green border. It contains fields for Email and Password, a Remember me checkbox, a Login button, a Forgot password? link, an Or login with section with a Google button, and a Register link. The footer says Powered by LoginRadius.

**Login to your account or
register yourself if you don't
have an account yet.**

It's quick and easy!


Email

Password

☐ Remember me

Login [Forgot password?](#)

Or login with

 Google

[Register](#)

Powered by LoginRadius

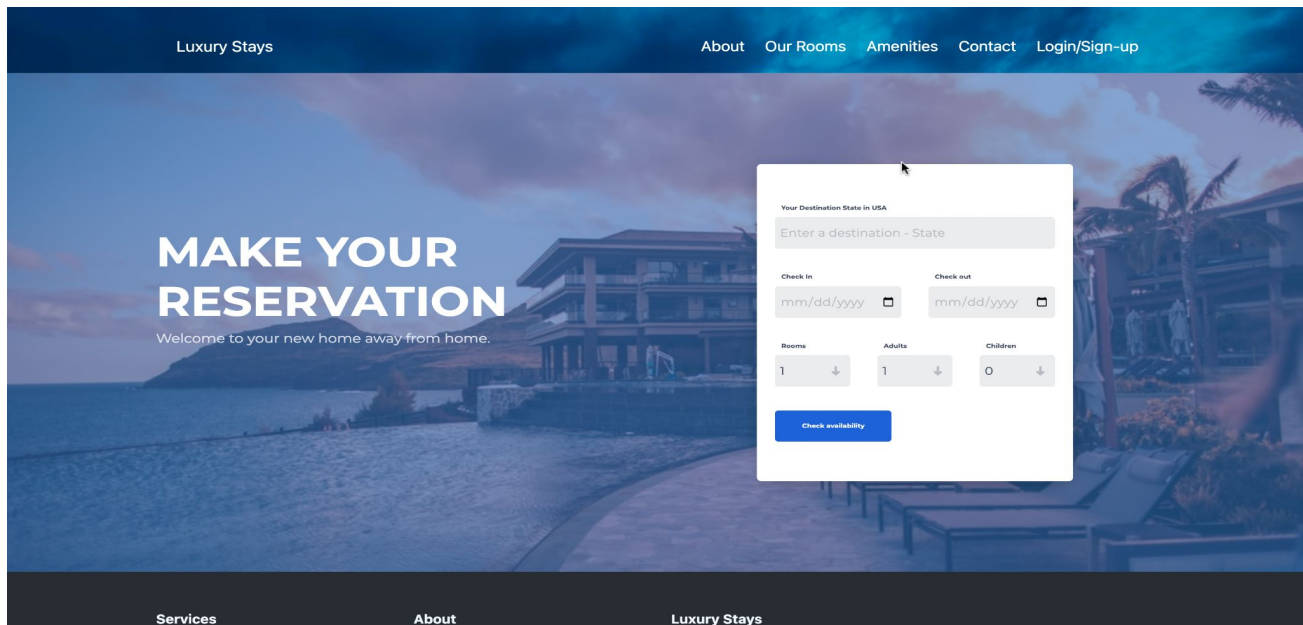


UI Showcase: Live Demo

Deployment Link: <https://pitch-luck-amethyst.glitch.me/>



UI Showcase: Demonstration



Luxury Stays

About Our Rooms Amenities Contact Login/Sign-up

MAKE YOUR RESERVATION

Welcome to your new home away from home.

Your Destination State in USA

Enter a destination - State

Check in mm/dd/yyyy

Check out mm/dd/yyyy

Rooms 1

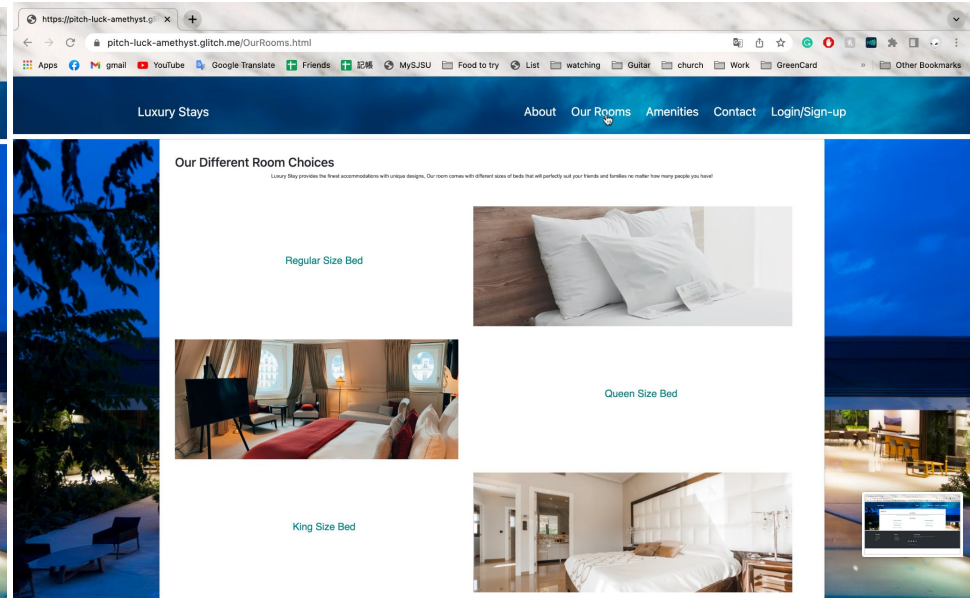
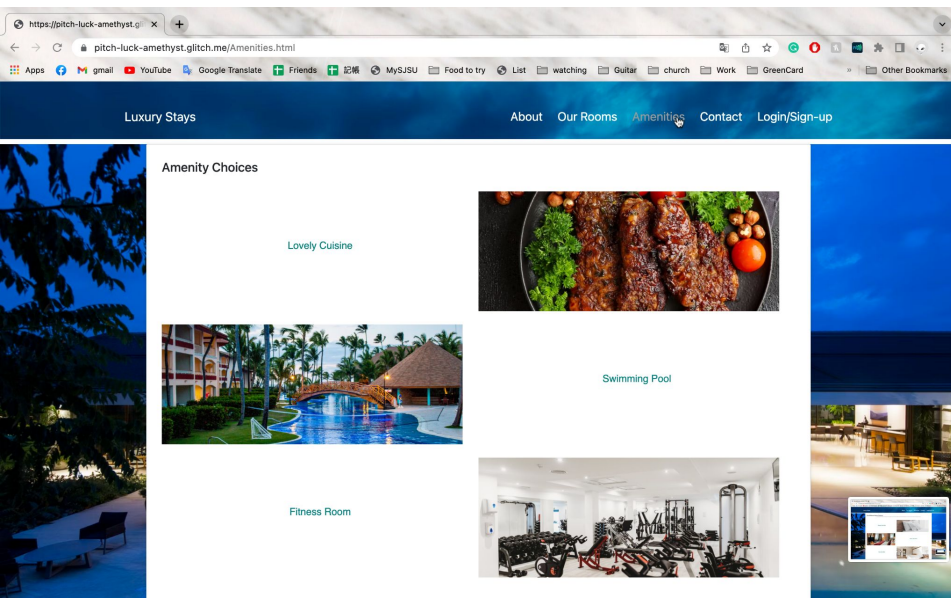
Adults 1

Children 0

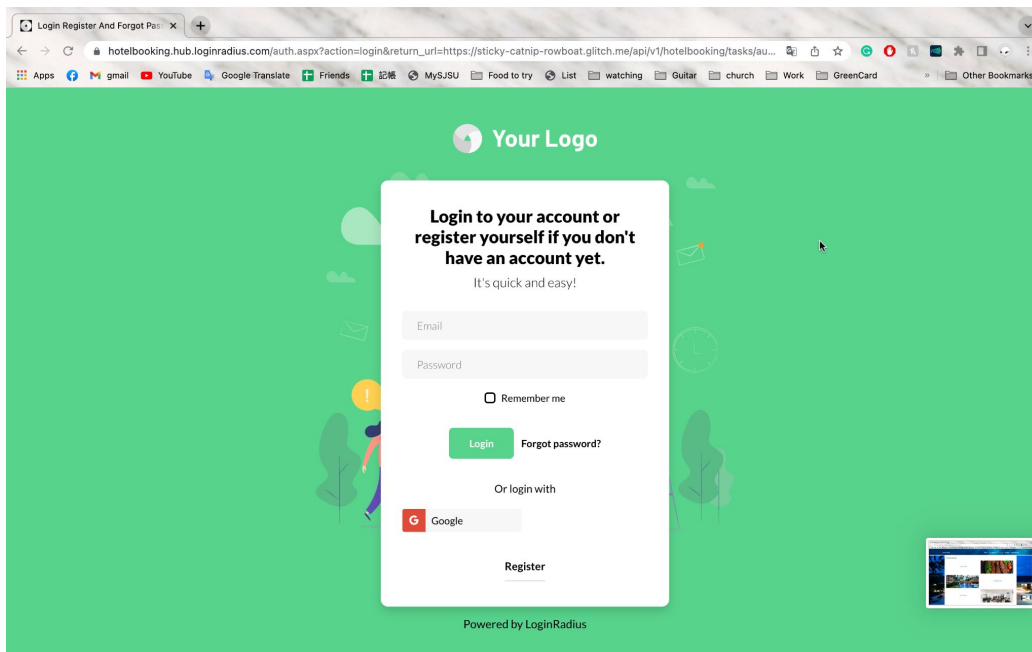
Check availability

Services About Luxury Stays

UI Showcase: Information Pages



UI Showcase: Login



UI Showcase: Logged In Search Page

https://pitch-luck-amethyst.gi...
pitch-luck-amethyst.gilitch.me/?token=f763c69c-b7a2-4998-8e4f-f590fbaef0d5

Apps | gmail | YouTube | Google Translate | Friends | 記帳 | MySJUS | Food to try | List | watching | Guitar | church | Work | GreenCard | Other Bookmarks

Luxury Stays | About | Our Rooms | Amenities | Contact | My Account

MAKE YOUR RESERVATION

Welcome to your new home away from home.

Your Destination State in USA
Enter a destination - State

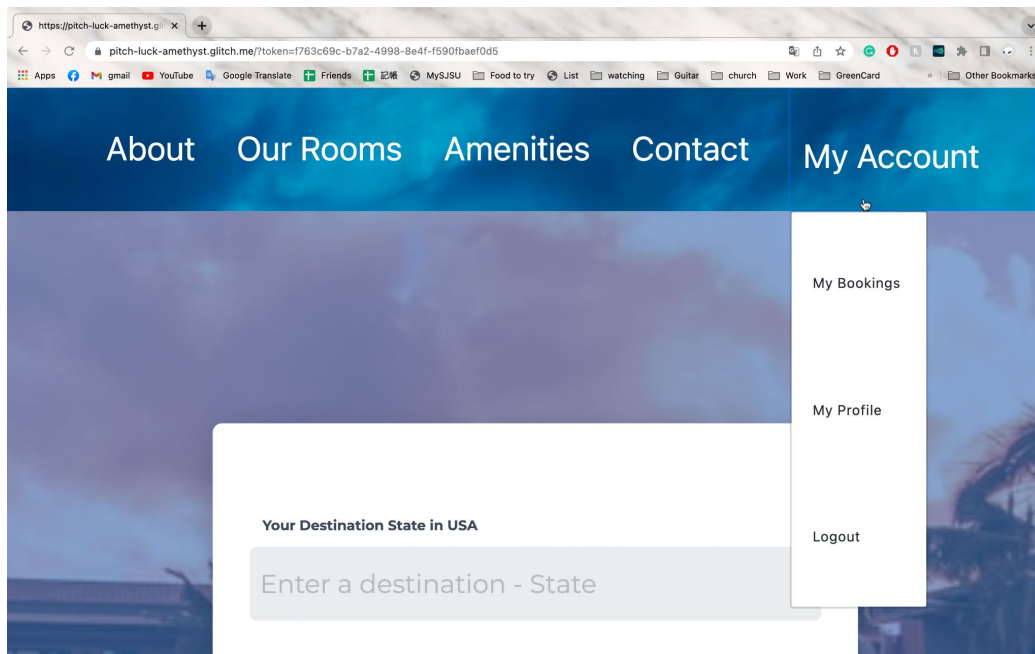
Check in: mm/dd/yyyy | Check out: mm/dd/yyyy

Rooms: 1 | Adults: 1 | Children: 0

Check availability

Services | About | Luxury Stays

UI Showcase: User Profiles buttons



UI Showcase: Booking Demo

https://pitch-luck-amethyst.glitch.me/?token=f763c69c-b7a2-4998-8e4f-f590fbaef0d5

Apps gmail YouTube Google Translate Friends 記憶 MySJUS Food to try List watching Guitar church Work GreenCard Other Bookmarks

Luxury Stays About Our Rooms Amenities Contact My Account

MAKE YOUR RESERVATION

Welcome to your new home away from home.

Your Destination State in USA
California

Check In: 05/18/2022 Check out: mm/dd/yyyy

Rooms: 1 Adults: 1

Check availability

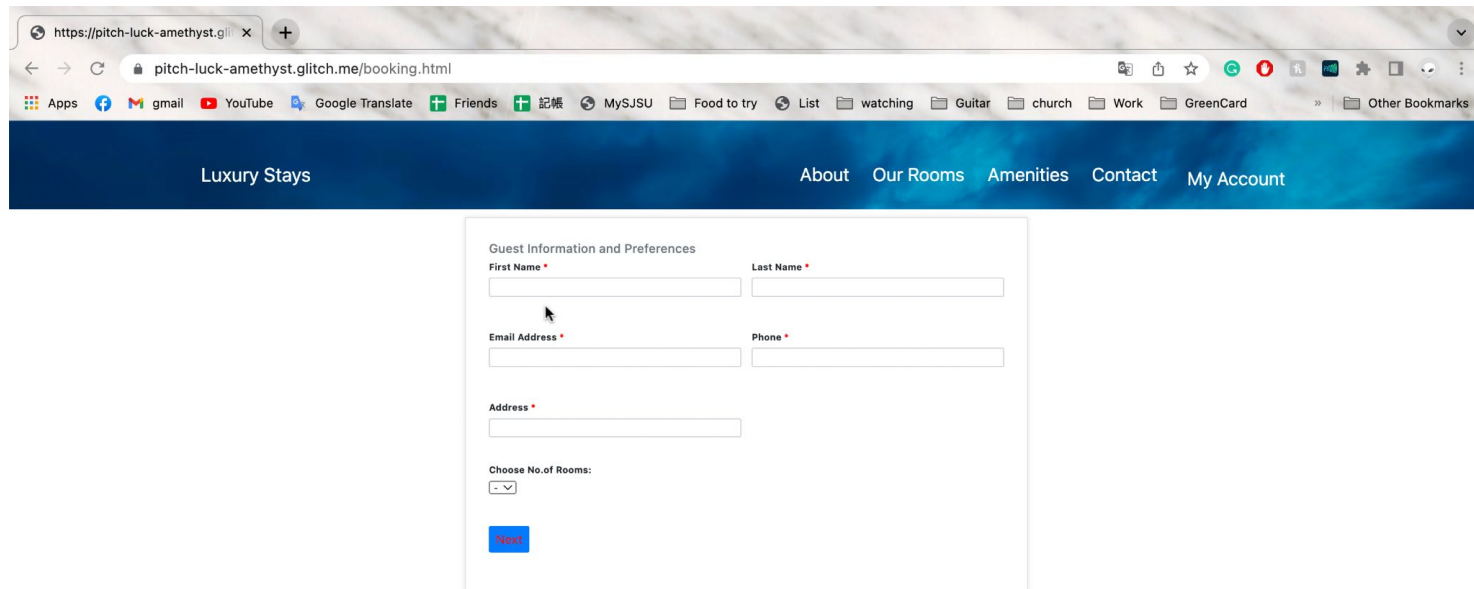
May 2022

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4
5	6	7	8	9	10	11

Clear Today

Services About Luxury Stays

UI Showcase: Input Information



The screenshot displays a web browser window with the address bar showing `https://pitch-luck-amethyst.glitch.me/booking.html`. The browser's bookmark bar includes links to Apps, gmail, YouTube, Google Translate, Friends, 記帳, MySJSU, Food to try, List, watching, Guitar, church, Work, GreenCard, and Other Bookmarks. The website's navigation bar features the text "Luxury Stays" on the left and a list of links: "About", "Our Rooms", "Amenities", "Contact", and "My Account" on the right. The main content area contains a form titled "Guest Information and Preferences" with the following fields:

- First Name *** and **Last Name ***: Two text input fields.
- Email Address *** and **Phone ***: Two text input fields.
- Address ***: A single text input field.
- Choose No.of Rooms:**: A dropdown menu with a downward arrow.
- Next**: A blue button with white text.



UI Showcase: Choose Amenities

Choose No.of Rooms:

1 ▾

Room Details -1

Room Type*

☐ King Room

☐ Queen Room

☐ Standard Room

Meal Type*

☐ Breakfast

☐ Lunch

☐ Dinner

Swimming Pool Access*

☐ Yes

☐ No

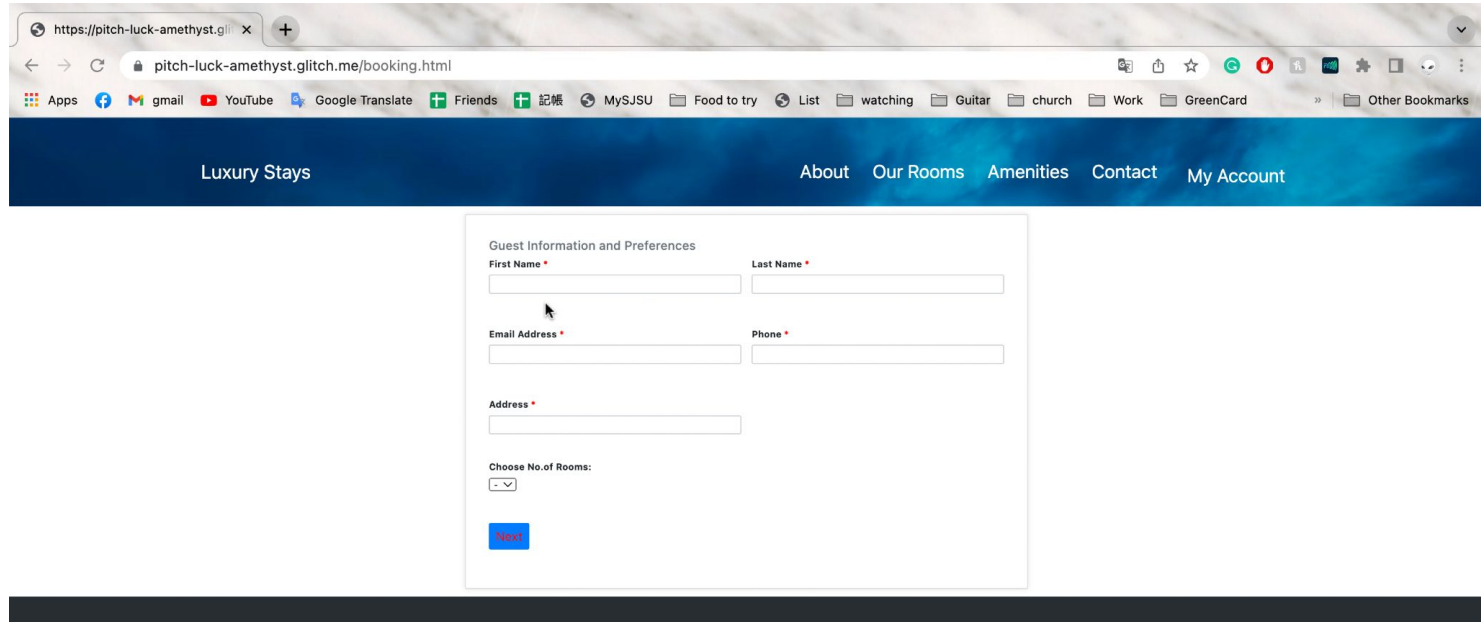
Fitness Room Access*

☐ Yes

☐ No

Next

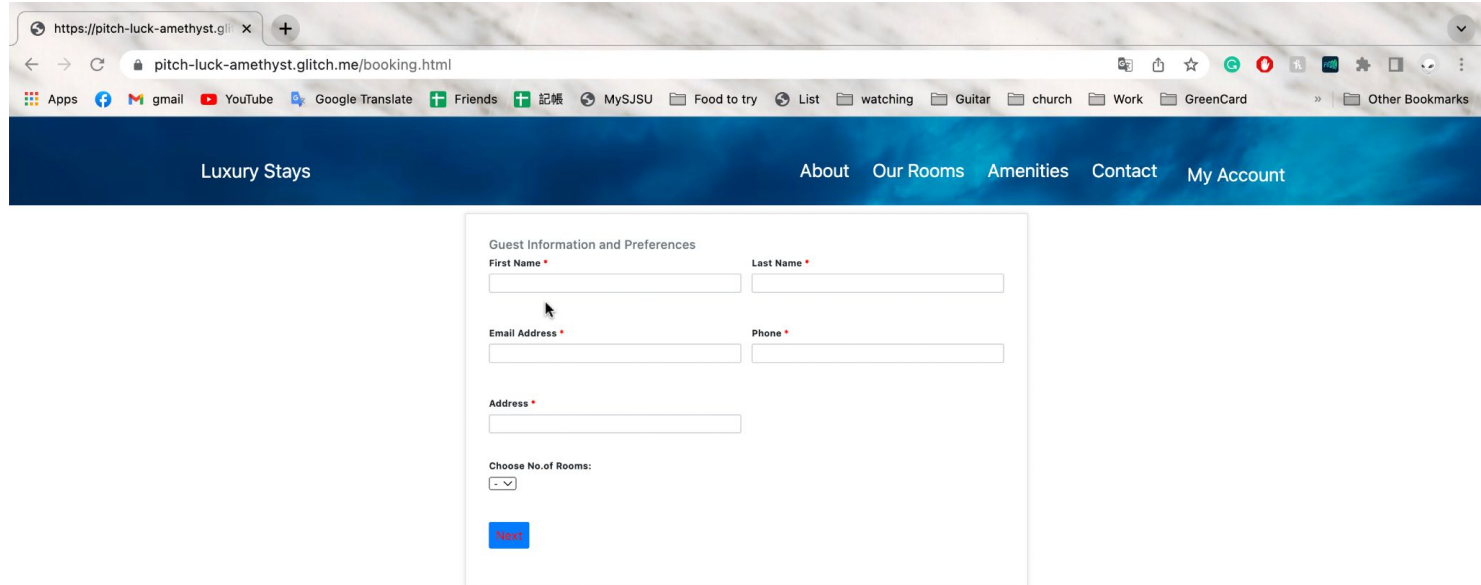
UI Showcase: Input Information



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UI Showcase: Input Information

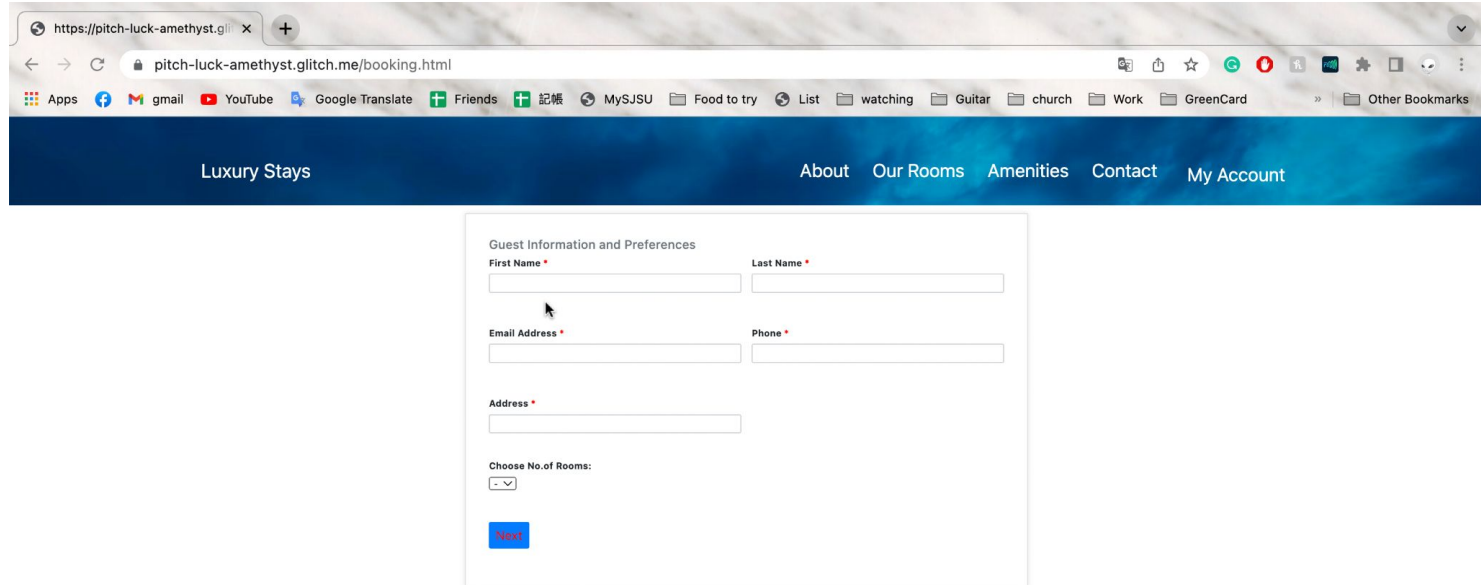


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- Address ***: A text input field.
- Choose No.of Rooms:**: A dropdown menu with a downward arrow icon.

A blue "Next" button is located at the bottom of the form.

UI Showcase: Input Information



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Open for Q&A