



Luxury Stay



CMPE 202, Spring 2022

Data Miners

Avinash Ramesh, Poojashree NS, Sharad Nataraj, Abraham Kong



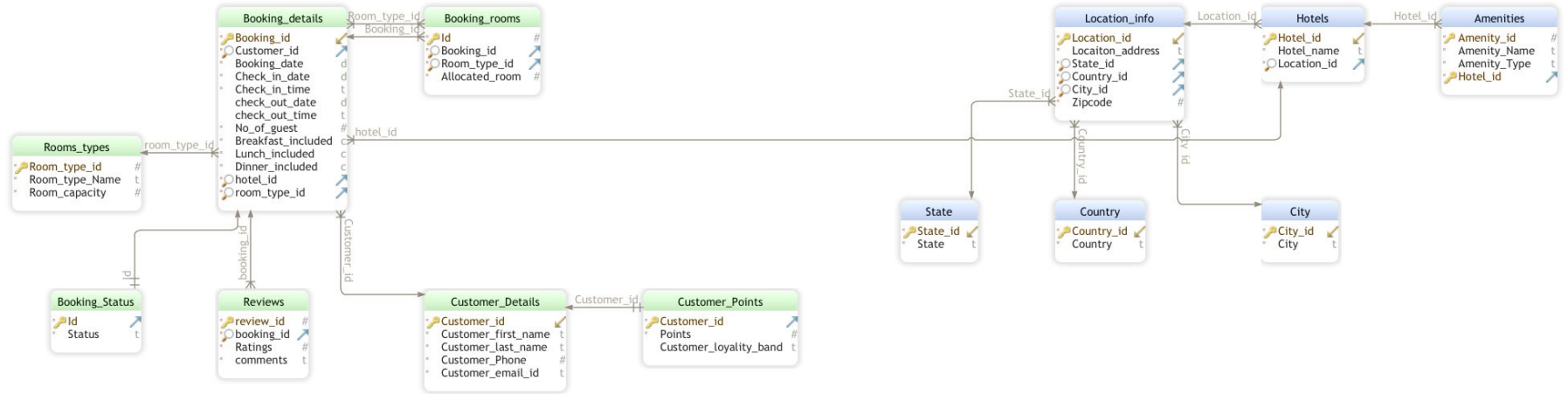
Project Objective

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.

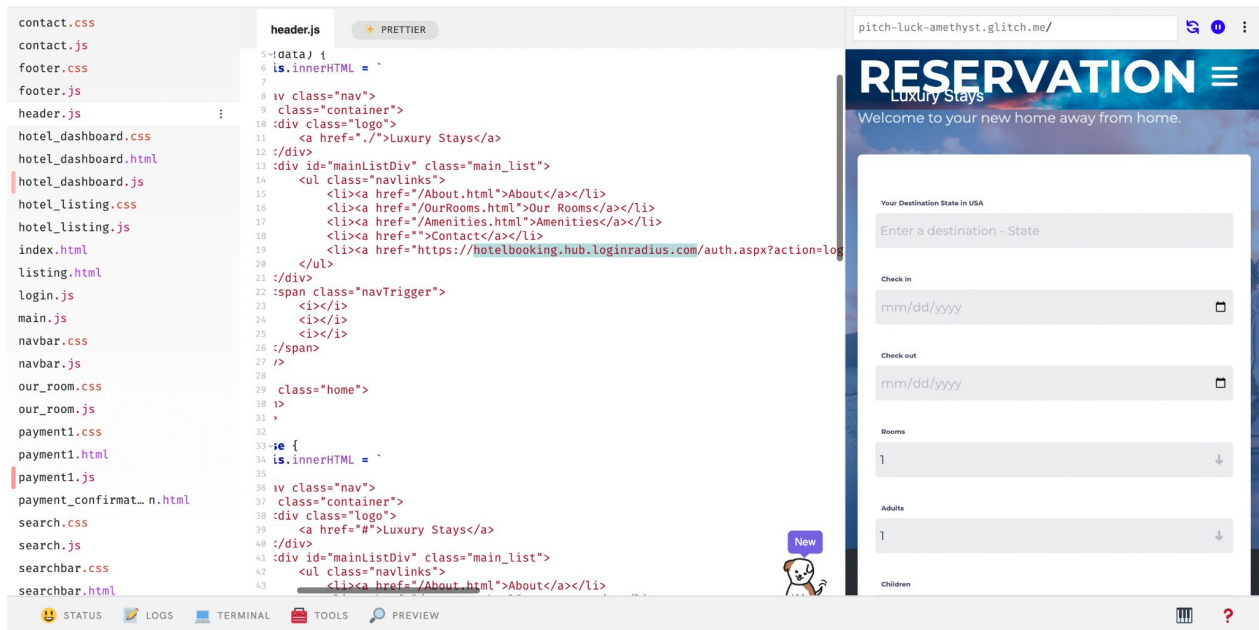
DB Diagram



Front End Building : HTML, CSS , JAVASCRIPT



Front End Building : HTML, CSS, JAVASCRIPT





Back End Building : PYTHON - FASTAPI



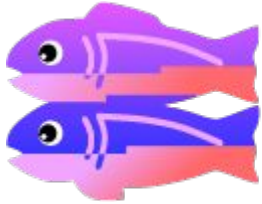


BACKEND DATABASE





Front End Hosting : Glitch



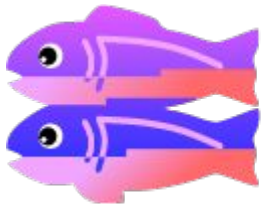
Glitch

GLITCH

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



Back End: Glitch



Glitch

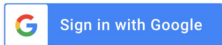
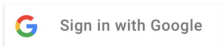
DOCS URL: <https://sticky-catnip-rowboat.glitch.me/api/v1/hotelbooking/tasks/docs>



Auth : MYSQL DB/ LoginRadius

Use Google Sign in for auth

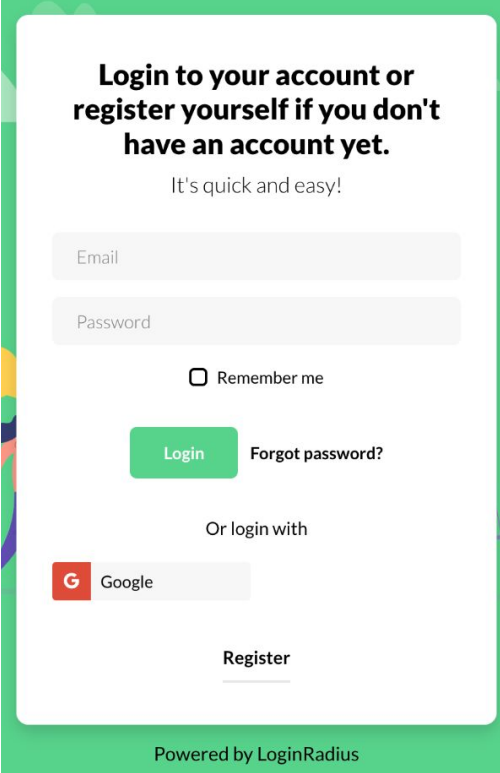
Sign in with
Google



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

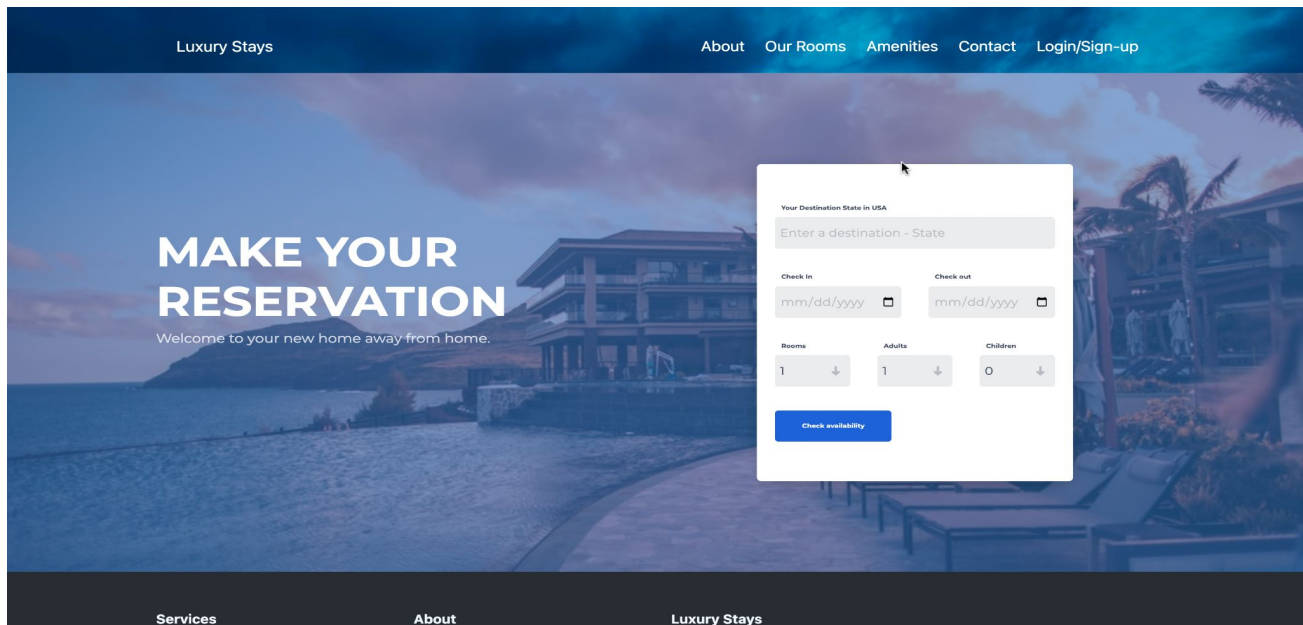


UI Showcase: Live Demo

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

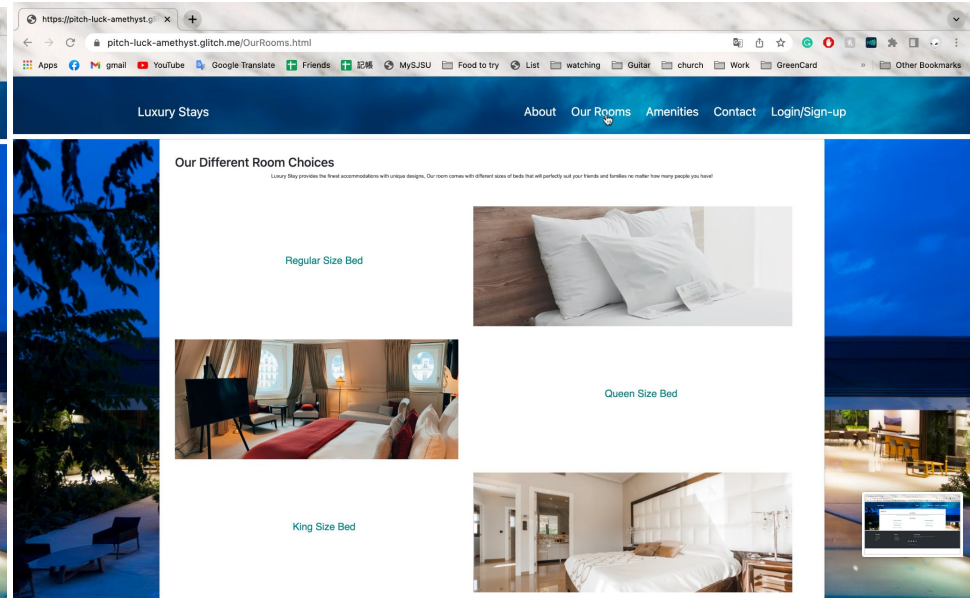
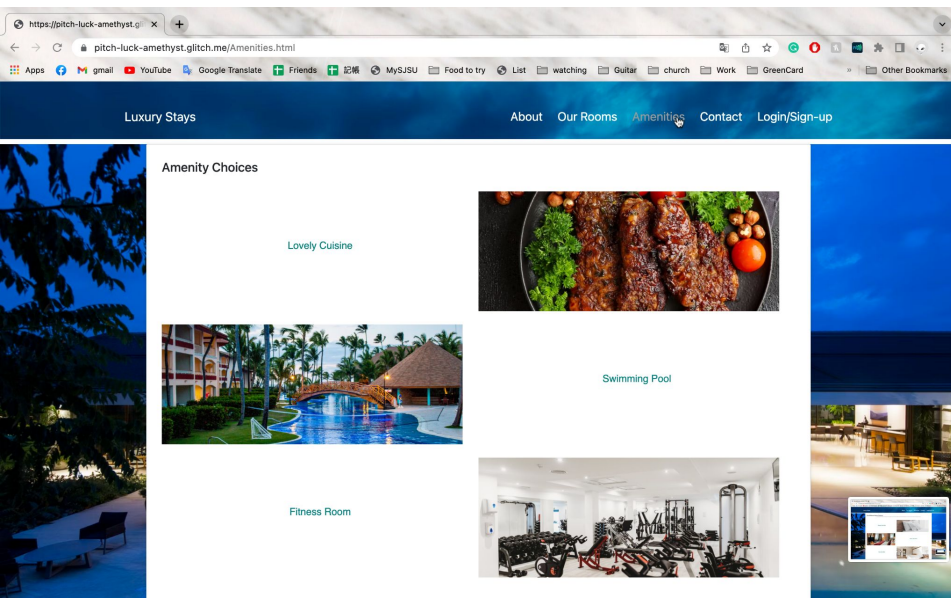
Adults 1

Children 0

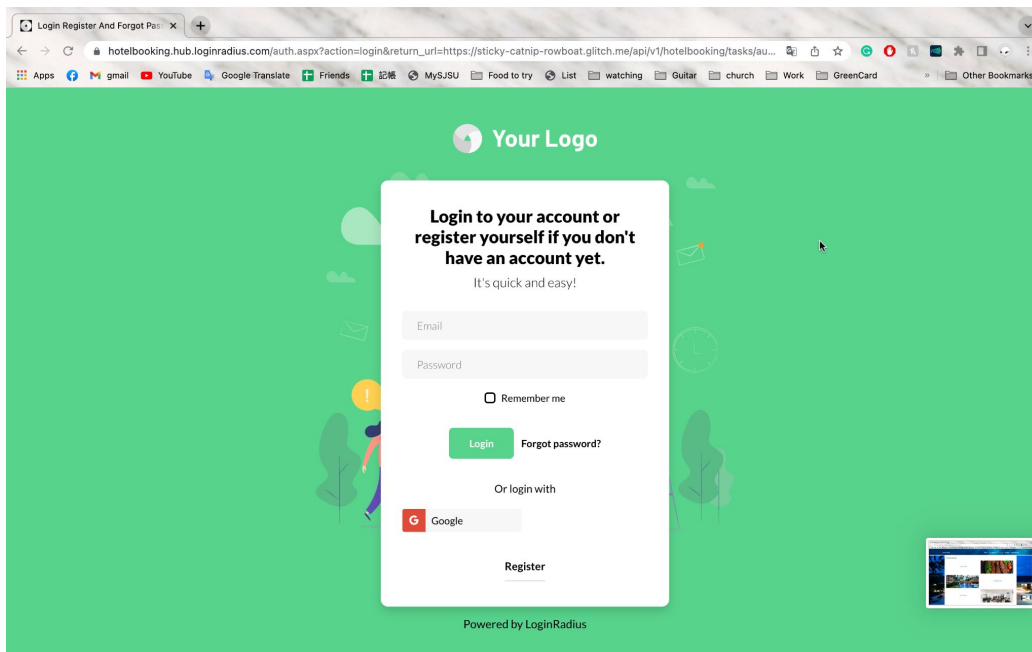
Check availability

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 MySJ5U 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

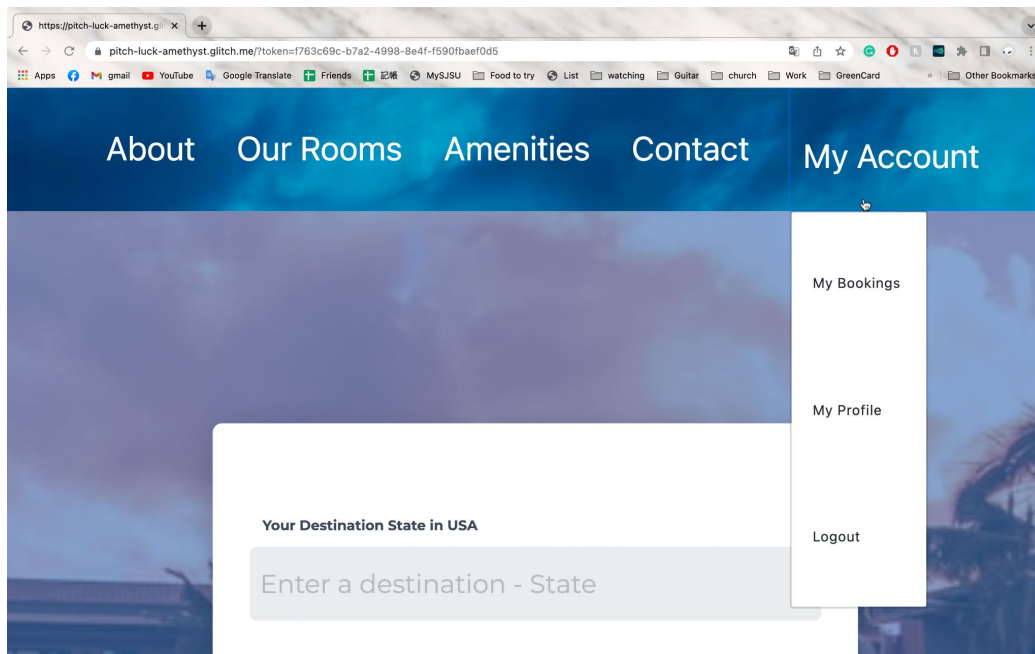
Rooms Adults Children

1 1 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

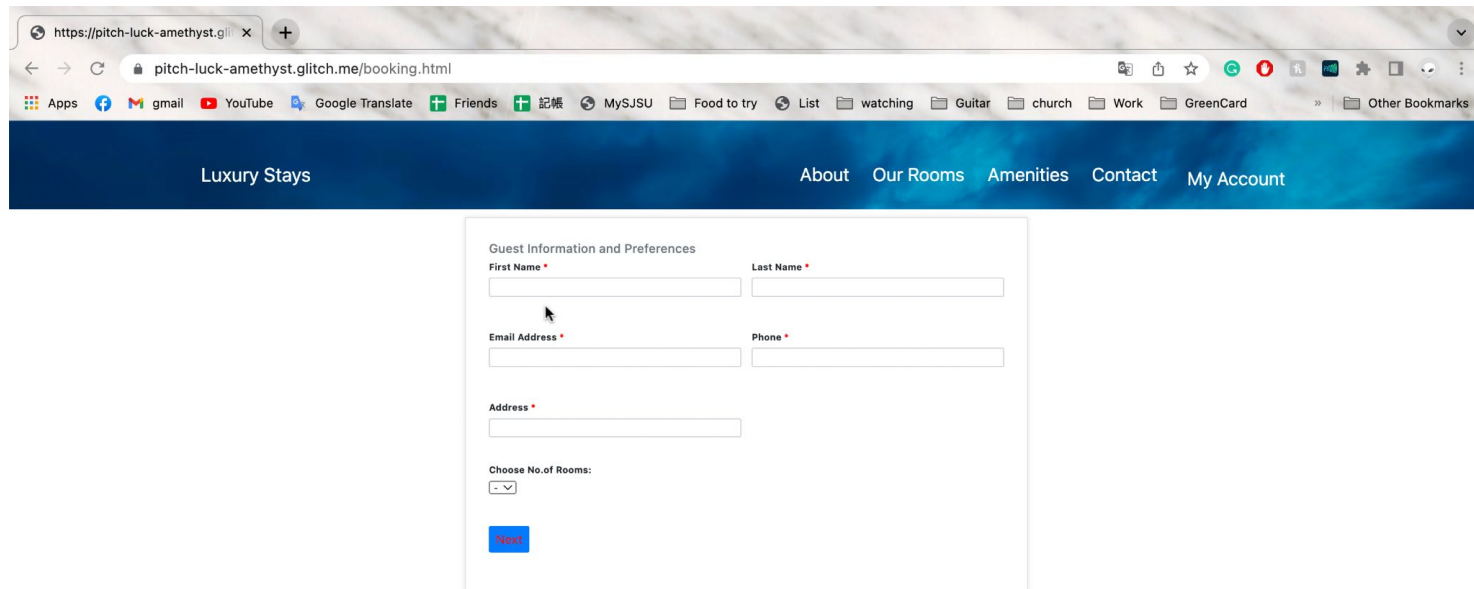
May 2022

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, MyJSJU, 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 "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 currently showing a value of 1.
- 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

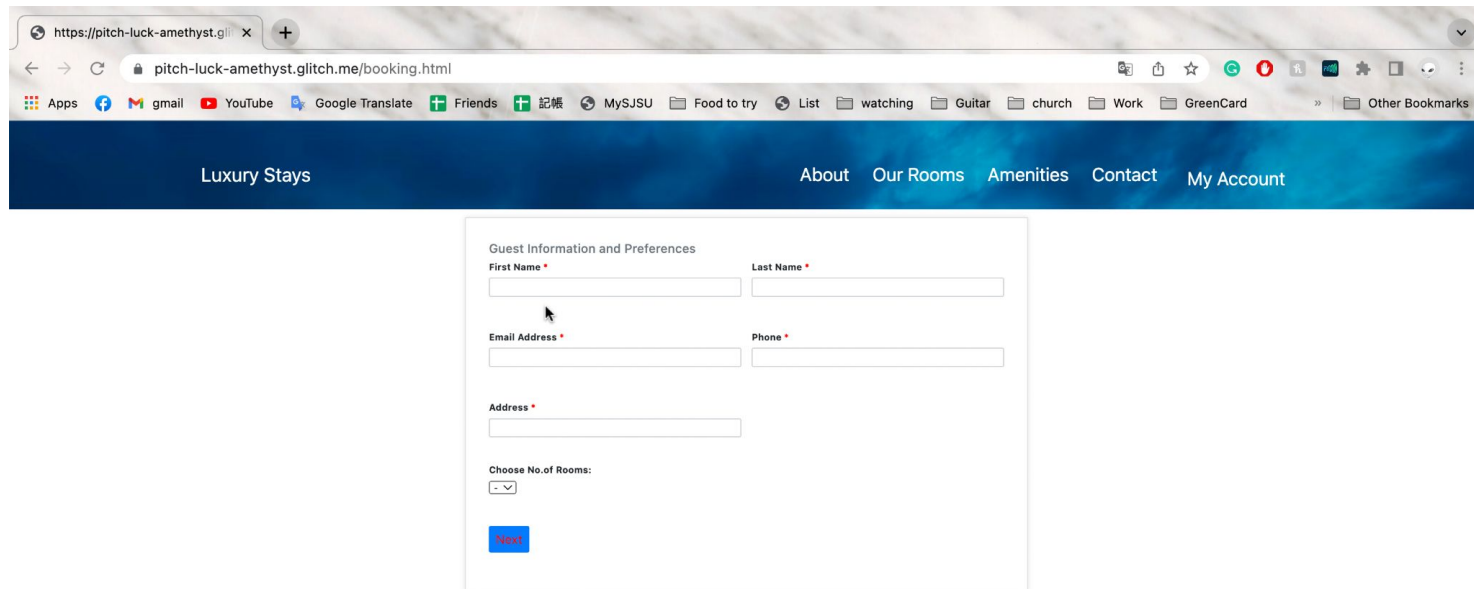
Fitness Room Access*

☐ Yes

☐ No

Next

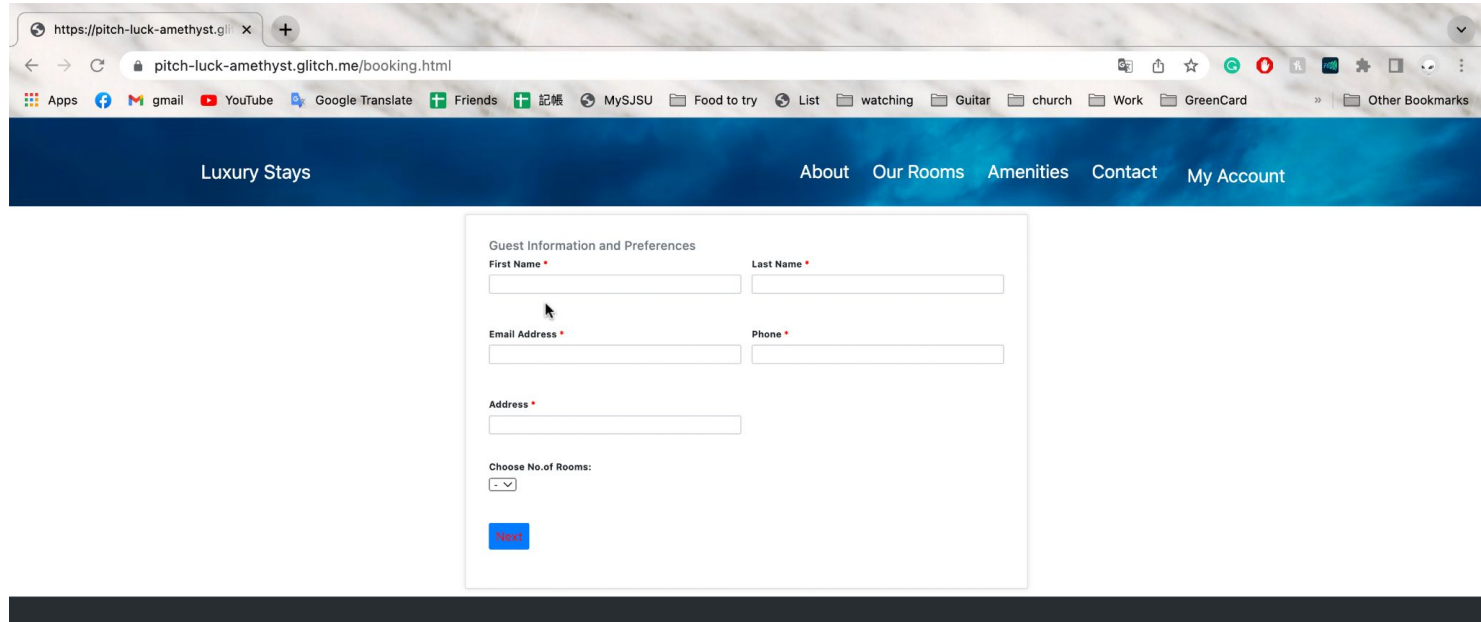
UI Showcase: Input Information



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UI Showcase: Input Information



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Guest Information and Preferences

First Name * Last Name *

Email Address * Phone *

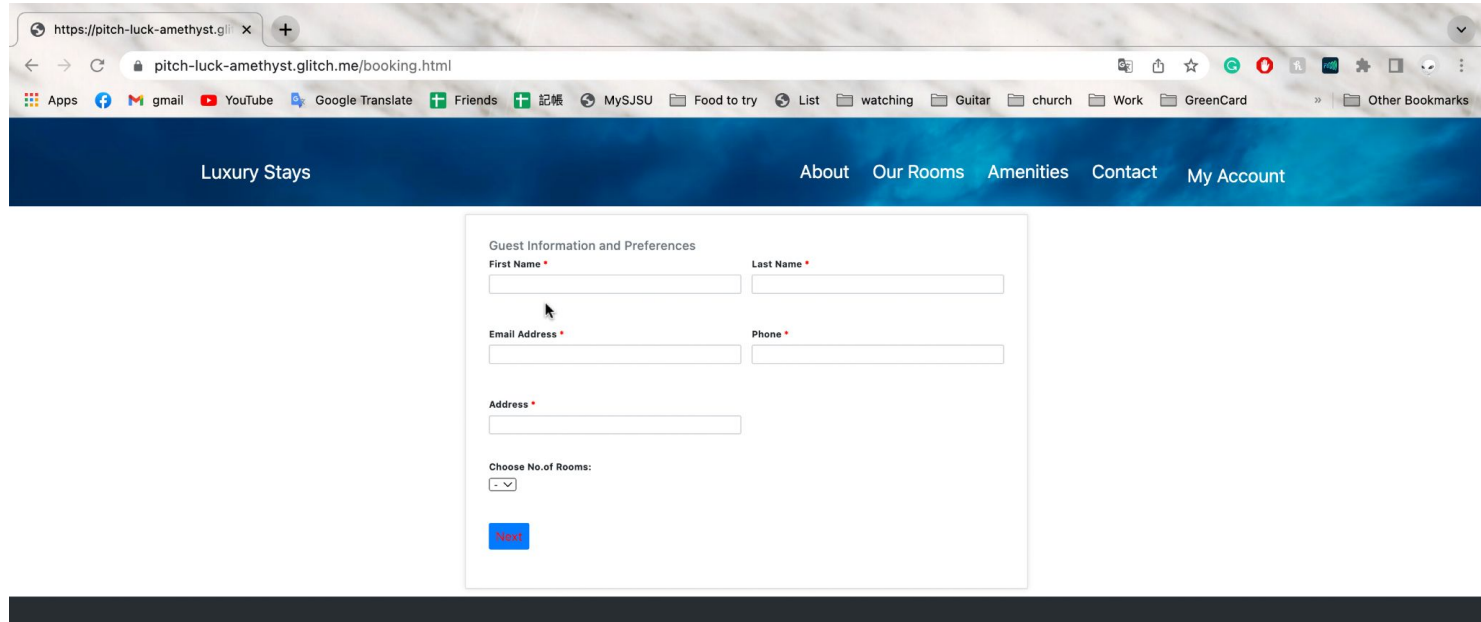
Address *

Choose No.of Rooms:

1

Next

UI Showcase: Input Information



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Guest Information and Preferences

First Name * Last Name *

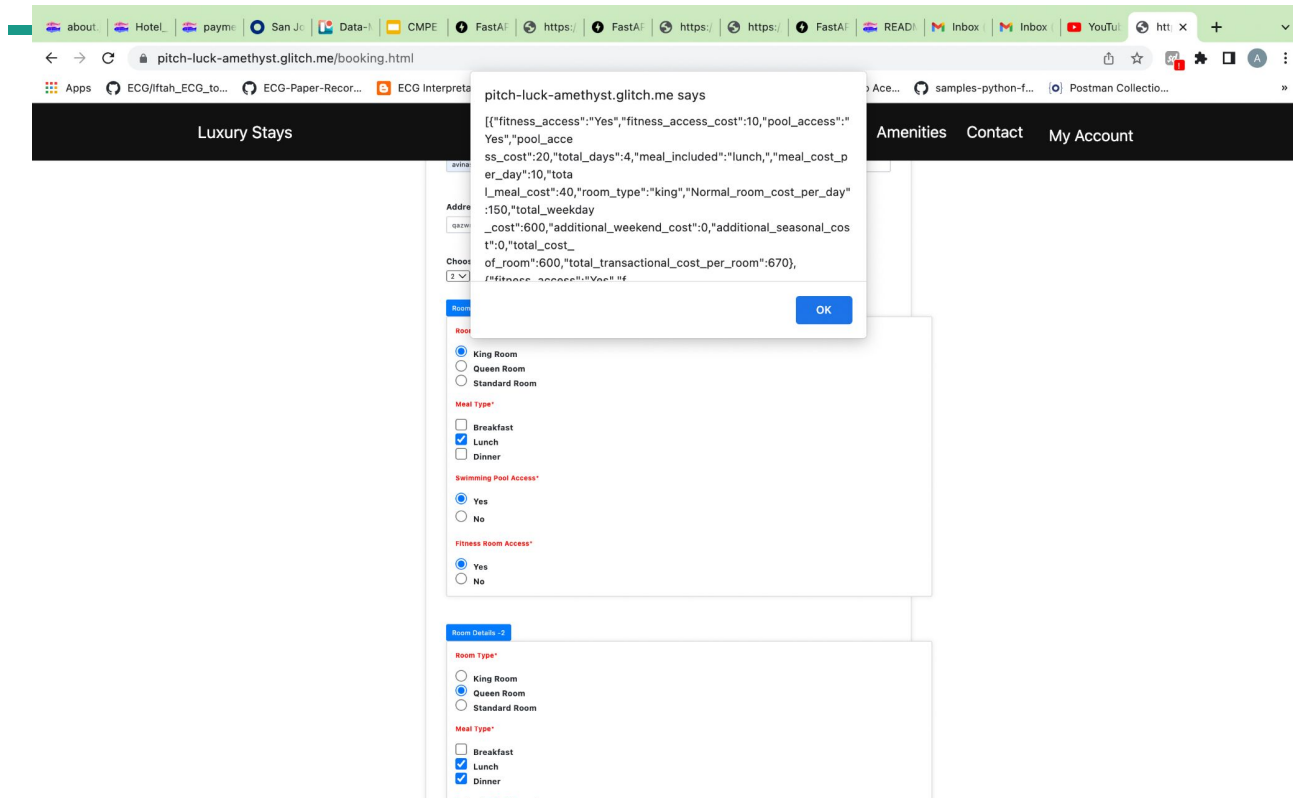
Email Address * Phone *

Address *

Choose No.of Rooms:

1

Next



UI PAYMENT SUMMARY

about

Hotel

paym

San J

Data-I

CMPE

FastAI

https:

FastAI

https:

https:

FastAI

READI

Inbox

Inbox

YouTube

htl: X

+

✓

← → ↻ pitch-luck-amethyst.gltitch.me/payment1.html

Apps

ECG/Ittah_ECG_to...

ECG-Paper-Recor...

ECG Interpretatio...

A Database Model...

Building a QA Syst...

14 Patterns to Ace...

samples-python-f...

Postman Collectio...

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Luxury Stays

About

Our Rooms

Dashboard

Amenities

Contact

My Account

USER DETAILS

FIRST NAME:test

LAST NAME: test123

EMAIL-ID: avinash.ramesh@sjsu.edu

PHONE NUMBER: 0000000000

Payment Details

Person Name

Name

Card Number

USE NEW CARD

Expiry

MM/YYYY

MM/YYYY

CVV/CVC

Continue Booking

Click Below Checkbox to Use your Rewards!!! ☐

Your Loyalty Points

Rewards Loyalty_brand

1000 Platinum

You have to pay

\$1180

Booking Summary

Hotel Name: Test

Check-in Date: 2022-05-17

Check-out Date: 2022-05-21

No.of Rooms : 2

Room -1

Room Type:king

Standard Room cost per day:150

Total Days: 4

Total Normal days Cost:600\$

Additional Weekend Surcharge:0\$

Additional Seasonal/Holidays Surcharge:0\$

Total Cost Of a Room:600\$

Additional Amenities Details

Fitness access:Yes\$

Fitness access cost:10\$

Meal Included:lunch,\$

Meal cost per day:10\$

Total meal cost:40\$

Pool access:Yes

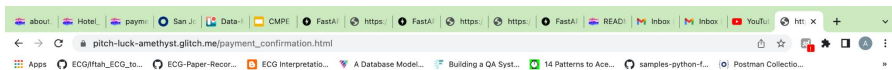
Pool access cost:20\$

Total transactional cost per room:670\$

Room -2

Room Type:queen

BOOKING SUMMARY



HURRAY YOUR PAYMENT AND BOOKING HAS BEEN CONFIRMED!!!!

[Click here to redirect to home page](#)



USER BOOKING DASHBOARD

Luxury Stays													
About Our Rooms Dashboard Amenities Contact My Account													
Booking ID	First Name	Last Name	Contact Number	Email Id	Check-In Date	Check-Out Date	No of guest	Hotel	Room Type	Amenities	Meals	Status	Cancel Booking
18	Avinash	Ramesh	4083385862	avinash.ramesh@sjau.edu	2022-05-18	2022-05-21	1	Test Hotel-1	King	,pool_access	breakfast,	created	<button>cancel</button>
54	Avinash	\$(last_name)	4083385862	avinash.ramesh@sjau.edu	2022-06-21	2022-06-24	3	Test Hotel-1	King	,pool_access	breakfast,lunch,dinner,	Cancelled	<button>Cancel</button>
56	test	\$(last_name)	0	avinash.ramesh@sjau.edu	2022-05-17	2022-05-21	1	Test Hotel-1	King	,pool_access	lunch,	created	<button>cancel</button>
12	Avi	Ramesh	0123567894	avinash.ramesh@sjau.edu	2022-05-21	2022-05-22	2	Test Hotel-1	Standard	fitness	breakfast	created	<button>cancel</button>
13	Avi	Ramesh	0123567894	avinash.ramesh@sjau.edu	2022-05-21	2022-05-22	2	Test Hotel-1	Standard	fitness	breakfast	created	<button>cancel</button>
14	Avi	Ramesh	0123567894	avinash.ramesh@sjau.edu	2022-05-21	2022-05-22	2	Test Hotel-1	Standard	fitness	breakfast	created	<button>cancel</button>
15	Avinash	Ramesh	123456789	avinash.ramesh@sjau.edu	2022-05-25	2022-05-28	3	Test Hotel-1	Standard	fitness	breakfast	created	<button>cancel</button>
					----	----		Test					

HOTELIER DASHBOARD

about

Hotel

payment

San J

Data

CMPi

FastA

https

FastA

https

FastA

READ

Inbox

YouTube

https

ht

x

pitch-luck-amethyst.glitch.me/hotel_dashboard.html

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Apps

ECG/ftah_ECG_to...

ECG-Paper-Recor...

ECG Interpretatio...

A Database Model...

Building a QA Syst...

14 Patterns to Ace...

samples-python-f...

Postman Collectio...

Luxury Stays

AboutOur RoomsDashboardAmenitiesContactLogin/Sign-up

ID	Name	Name	Number	Email	In Date	Out Date	guest	Room	Type	Amenities	Meals	Status	Booking
1	Avinash	Ramesh	1234567890	test@gmail.com	2022-06-04	2022-06-06	2	Test Hotel-1	King	pool_access	breakfast	Cancelled	<button>Cancel</button>
10	Avinash	Ramesh	1234567890	test@gmail.com	2022-04-12	2022-04-12	10	Test Hotel-1	King	fitness	breakfast	created	<button>cancel</button>
18	Avinash	Ramesh	0	avinash.ramesh@sjsu.edu	2022-05-18	2022-05-21	1	Test Hotel-1	King	,pool_access	breakfast,	created	<button>cancel</button>
50	Poojashree	Ns	0	poojashree.ns@sjsu.edu	2022-05-23	2022-05-26	2	Test Hotel-3	King	fitness	breakfast	created	<button>cancel</button>
53	Avinash	Ramesh	0	rameshavinash94@gmail.com	2022-08-17	2022-08-20	1	Test Hotel-1	King	,pool_access	breakfast,	created	<button>cancel</button>
54	Avinash	Ramesh	0	avinash.ramesh@sjsu.edu	2022-06-21	2022-06-24	3	Test Hotel-1	King	,pool_access	breakfast,lunch,dinner,	Cancelled	<button>Cancel</button>
55	Avinash	Ramesh	0	rameshavinash94@gmail.com	2022-06-22	2022-05-25	1	Test Hotel-1	King	,pool_access	breakfast,lunch,	created	<button>cancel</button>
56	Avinash	Ramesh	0	avinash.ramesh@sjsu.edu	2022-05-17	2022-05-21	1	Test Hotel-1	King	,pool_access	lunch,	created	<button>cancel</button>



Open for Q&A