



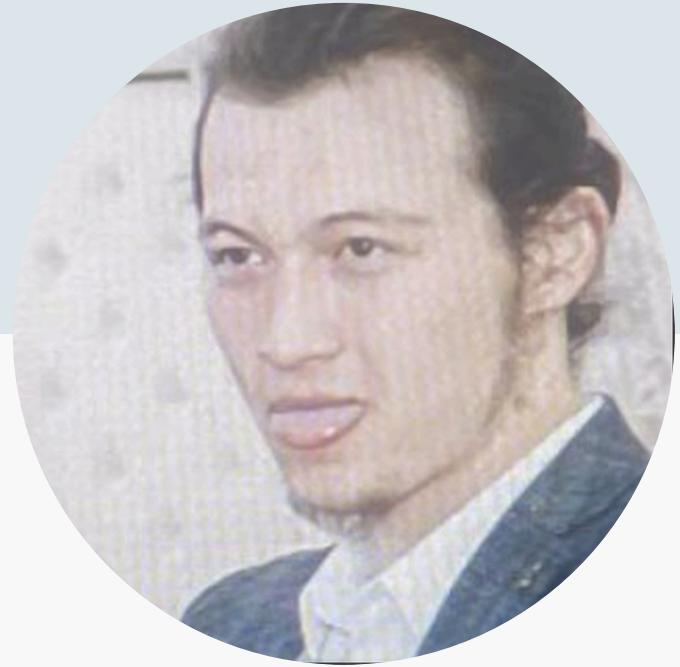
Prepared by MDA

Booking-system platform

18 February, 2025



Team Members



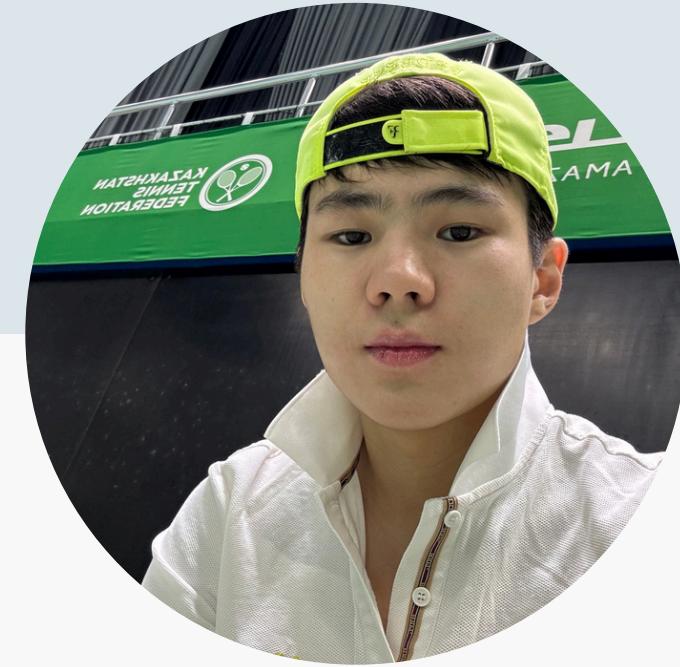
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Introduction



In this presentation, we aim to highlight the core objective of our project and its relevance in today's world.

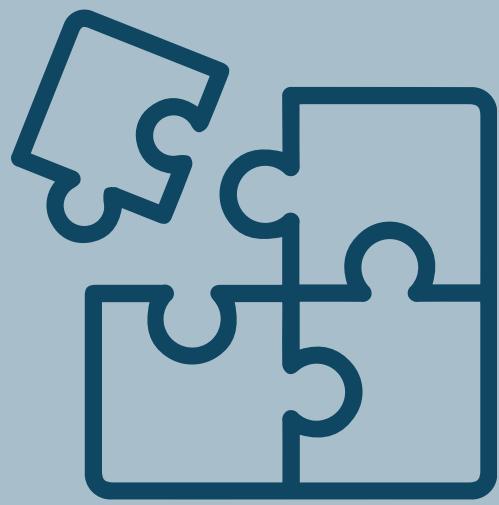


Project Objectives



Learn the basics of the GO

- Another equally important goal was to learn the fundamentals of the Go programming language by developing the platform, which would provide us with valuable experience for future projects and our professional careers.



Main goal

- The main goal of the project was to create a simple and user-friendly hotel booking-system platform for tourists from all around the world.



Implementation Plan

- In the process, we aimed to learn how to analyze and monitor the market in our country, which would help us improve existing projects in the future or come up with new innovative solutions for people.

Relevance of the project



Growth of the tourism industry:

Each year, more people travel domestically and internationally, increasing the demand for convenient and reliable hotel booking platforms.

Digitalization and ease of online booking:

Modern travelers prefer to book accommodations online, expecting ease of use, transparent pricing, and instant confirmation.



Adaptation to changing conditions:

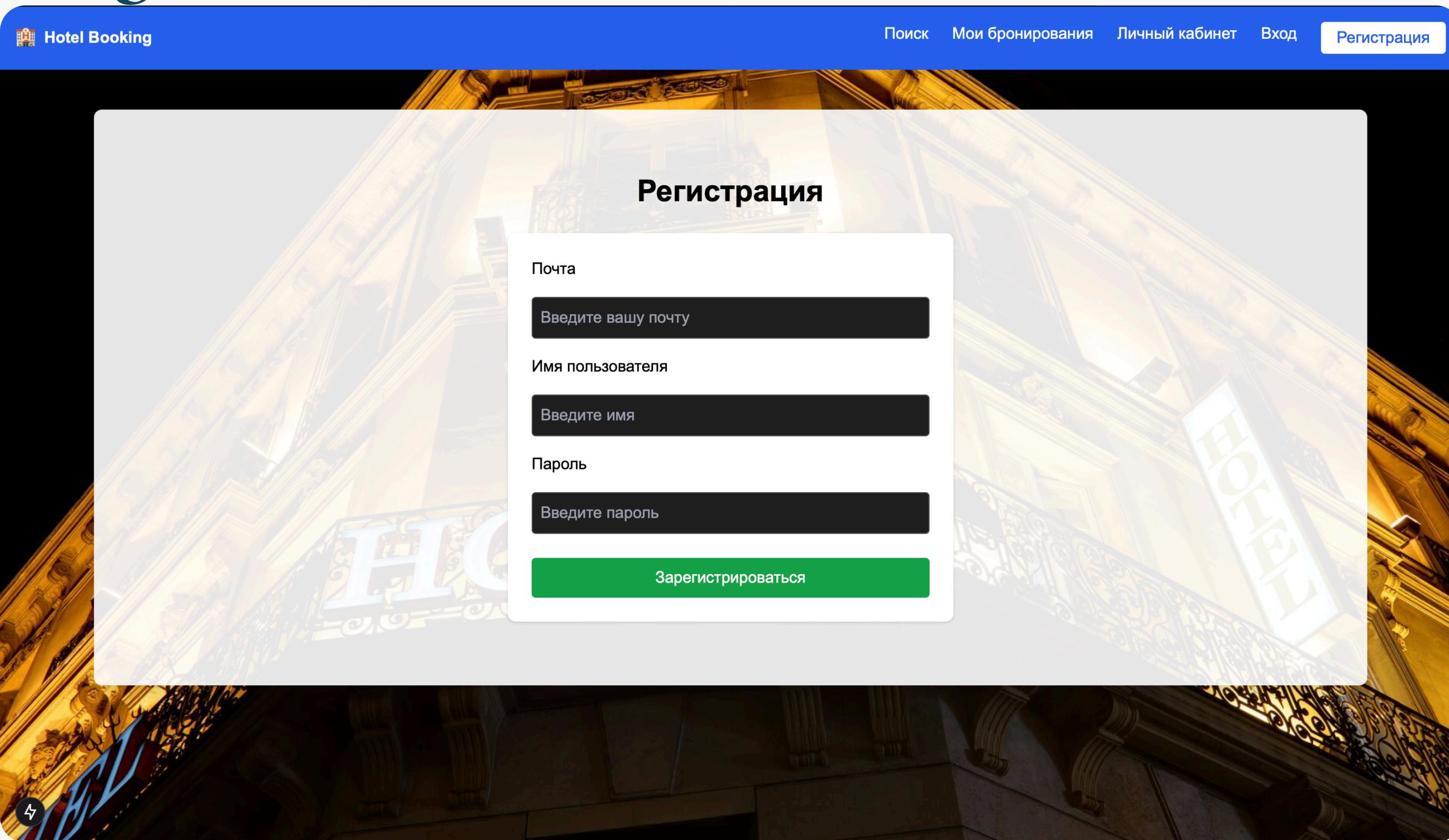
The pandemic and economic crises have shown that flexible booking systems (with options for cancellation, date changes, and safe accommodation choices) remain in high demand.

Competition in the hotel industry:

Hotels and apartments need efficient platforms to attract customers, optimize room occupancy, and increase revenue.



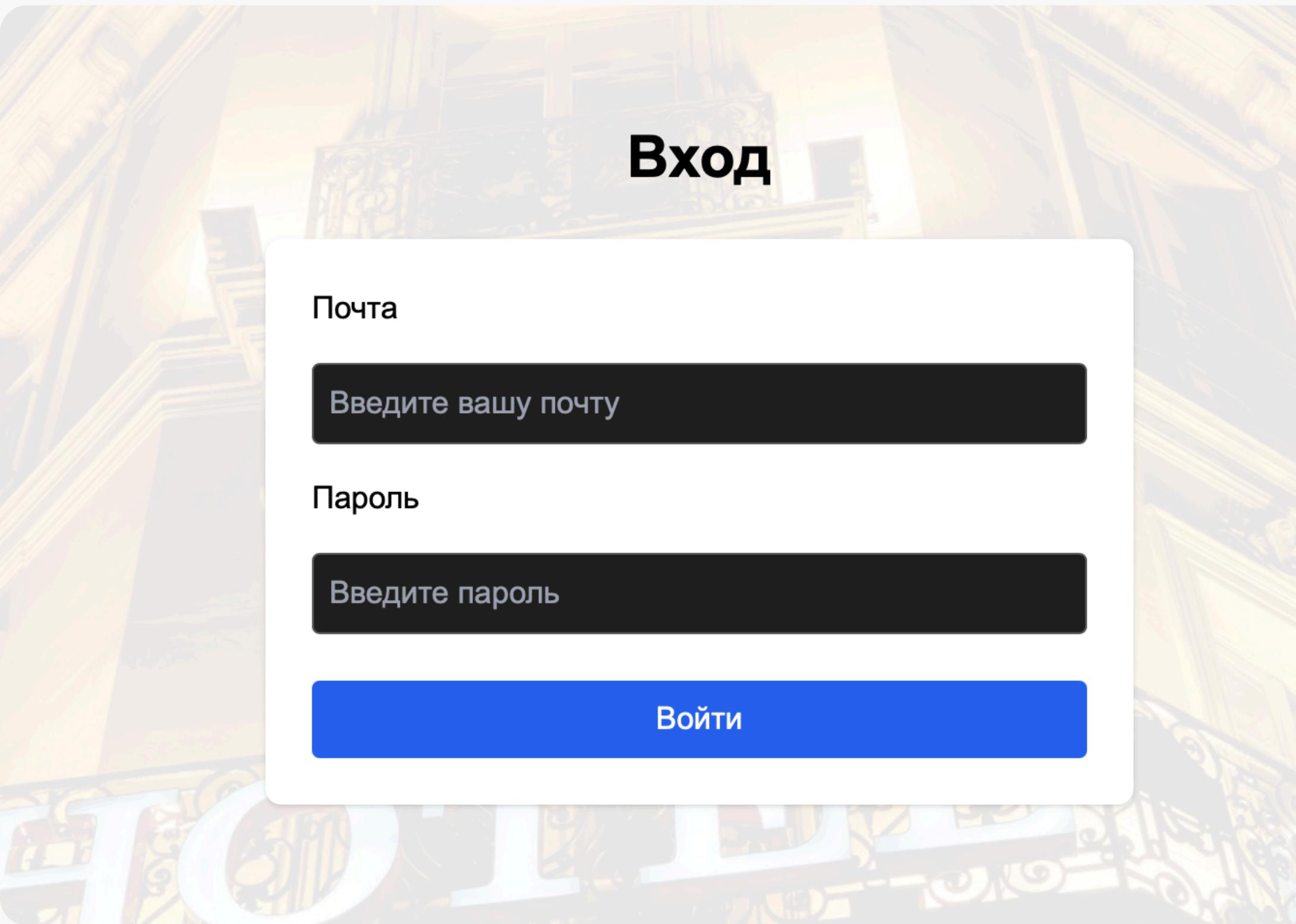
“Sign In” Feature



Sign In page:

- To fully use the website, a user must first register on the "Sign Up" page. During registration, the user is required to enter a login and password. After that, Postman returns a “201 Created” status.

“Log In” Feature



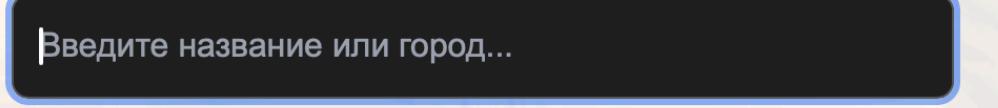
Log In page :

- To view their current or past bookings, the user must log in to their personal account through the “Login” feature. The page will prompt the user to enter the credentials they provided during “Sign Up”. Once the user submits their credentials, the website will automatically receive a “JSON Web Token (JWT)”, which is transmitted via “cookies”. After that, a “201 Created” status will be returned.

“Search” Feature

Поиск отелей

Введите название или город...



Rixos Almaty Hotel
Алматы
\$150 / ночь

[Подробнее](#)



Hilton Garden Inn Astana
Астана
\$120 / ночь

[Подробнее](#)



Rixos Water World Aktau
Актау
\$200 / ночь

[Подробнее](#)



Отель Казахстан
Алматы



Rixos Borovoe Hotel
Боровое



The Ritz-Carlton, Almaty
Алматы

Search Page:

- On the search page, the user will see a list of available hotels and accommodations. They can also find a specific hotel by name or location using the hotel search bar. After that, the user can proceed to book a room in their preferred hotel.

“Booking” Feature



The Ritz-Carlton, Almaty

Алматы

Роскошный отель с потрясающим видом на горы Заилийского Алатау.

\$220 / ночь

Выберите даты

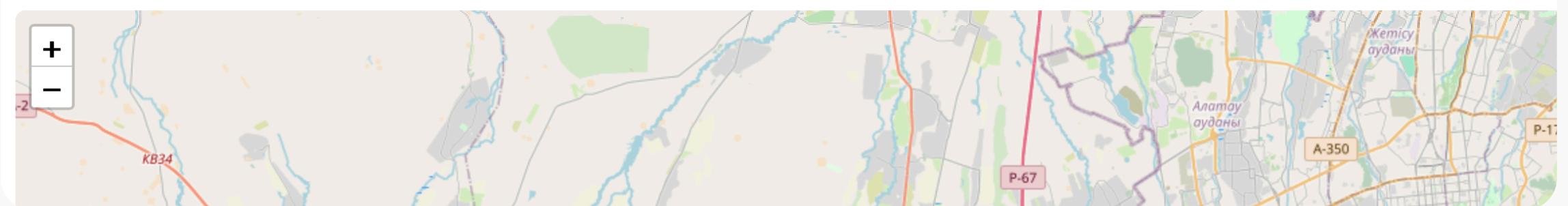
Дата заезда:

Дата выезда:

Итого: \$0

Забронировать

Расположение отеля



Hotel information page:

- On the hotel's information page, the user will be able to book a room, but first, they will need to select the check-in and check-out dates.
- The user will also be able to see the total price for their stay and view the hotel's location on the map.

“Payment” Feature

The Ritz-Carlton, Almaty
Алматы
Заезд: 2025-02-16T19:00:00.000Z
Выезд: 2025-02-18T19:00:00.000Z
Цена за ночь: \$220
Итого: \$440

Оплатить

Increased Sales Figures:

- If the user has finally decided to check into the booked hotel, they need to go to the “My Bookings” page, where they will find a button that redirects them to “Stripe” for payment.

Multi-Currency and Language Support

Expanding the platform to support multiple currencies and languages to attract international users.

Subscription Model for Frequent Travelers

Introducing a premium membership with exclusive discounts, priority customer support, and early access to deals.

Future Development Possibilities

Integration with Travel Services

Partnering with airlines, car rental companies, and tour operators to offer complete travel packages.

Advanced Filtering and Sorting

Enhancing the search system with more detailed filters like eco-friendly hotels, pet-friendly stays, and special amenities.

Conclusion



In conclusion, we want to emphasize that this project was, first and foremost, for us. It provided us with a deep understanding of working with the “Go programming language” and gave us invaluable experience for our future endeavors.





<https://github.com/Meiirzhan21/Final-project.git>

