

NC TEAM 3

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Hotel System Manager

NetCracker[®]



Project goal:

development of an information system consisting of several main parts divided by user access level:

For customers

- the possibility of booking and order management

For workers

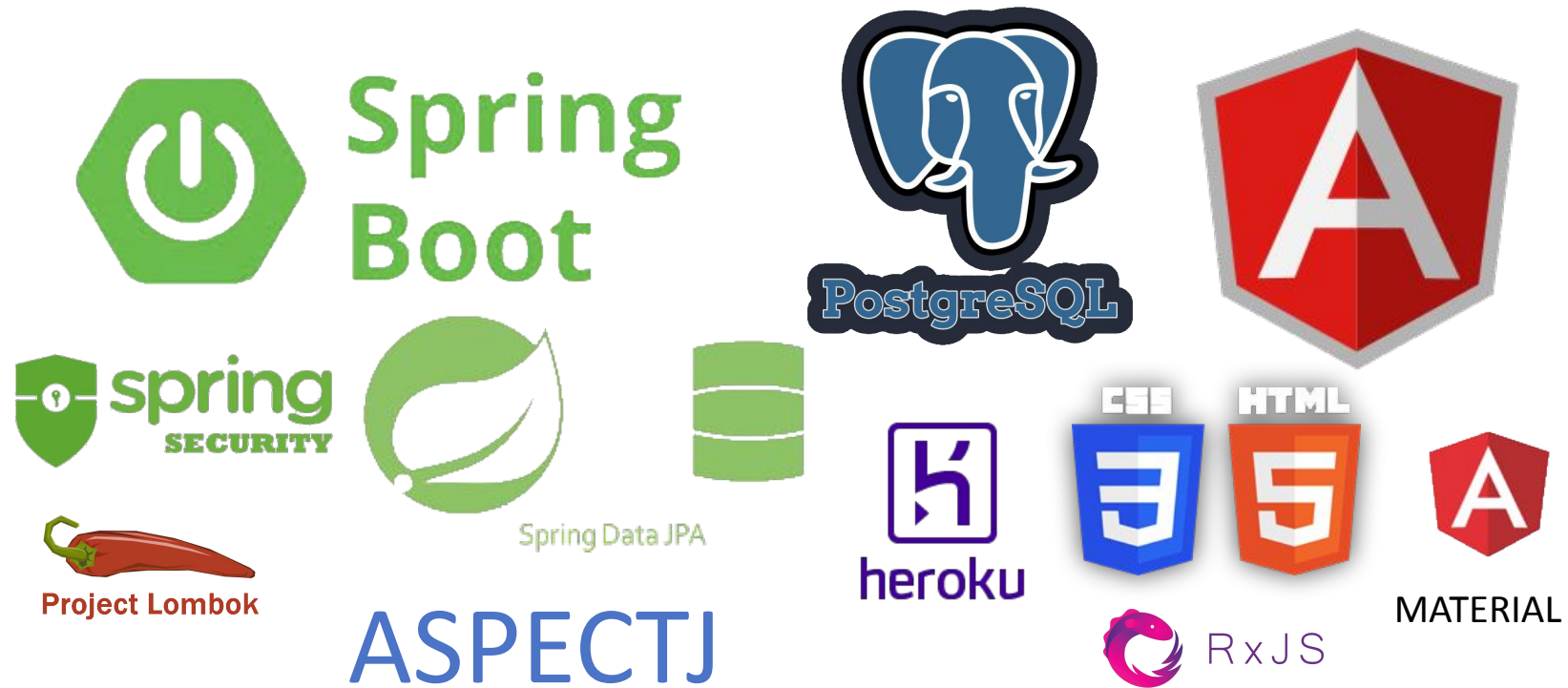
- view and manage tasks

For administration and managers

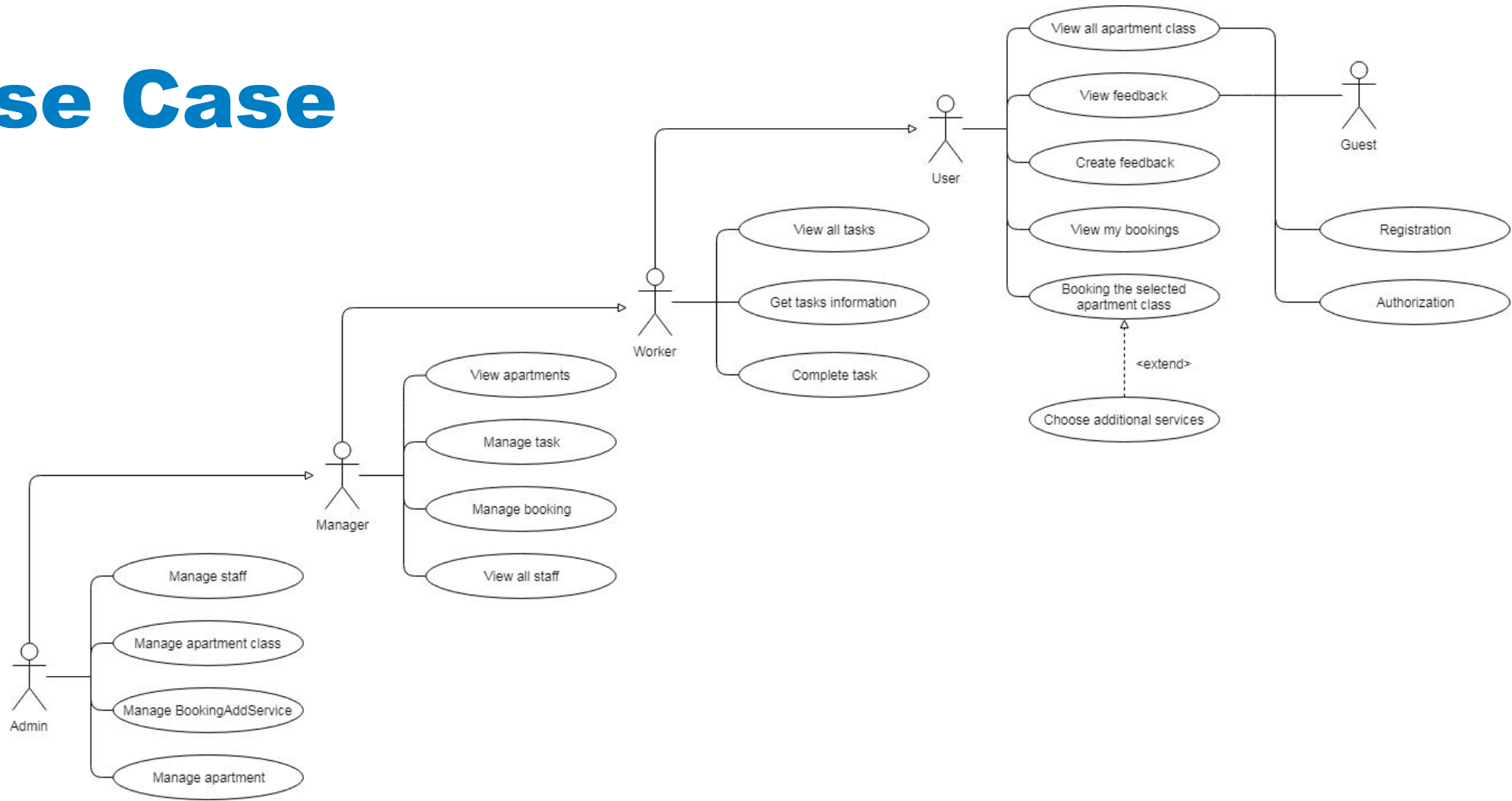
- management of workers, apartments, bookings and tasks.



Technology stack:

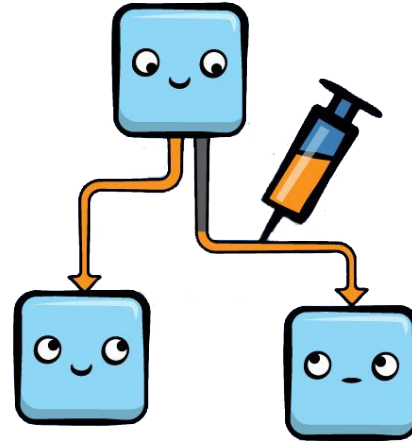


Use Case



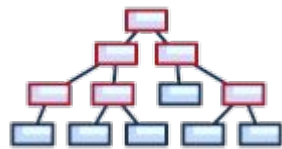
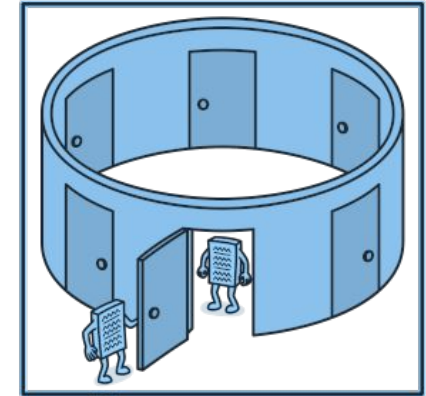
Patterns

Publisher-Subscriber



Dependency Injection

Singleton



Composite



Observer





HOTEL NAME

[Home](#)

[Apartments](#)

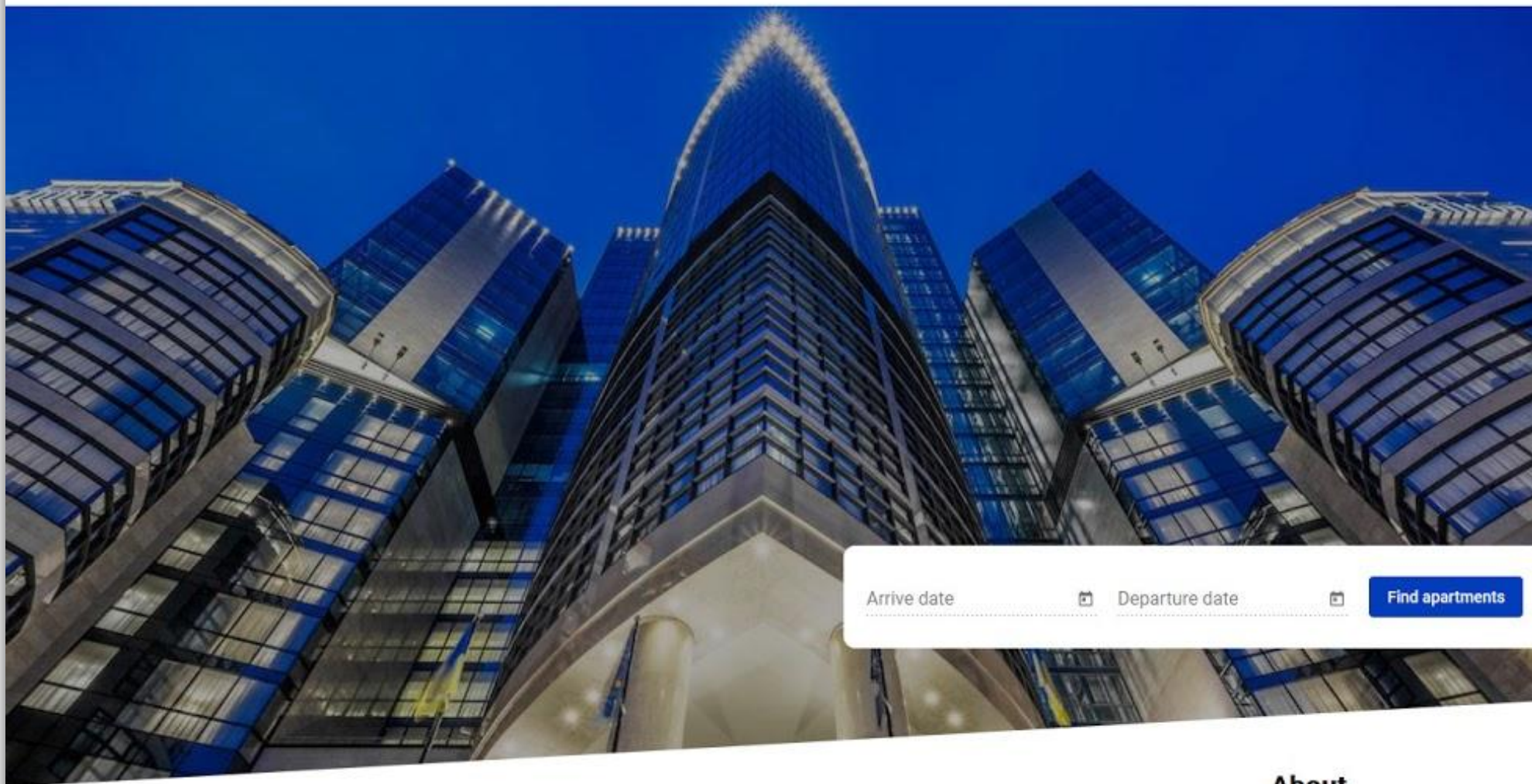
[Reviews](#)

[Services](#)

[Contacts](#)

[Work Please](#)

[Logout](#)



Arrive date



Departure date



[Find apartments](#)

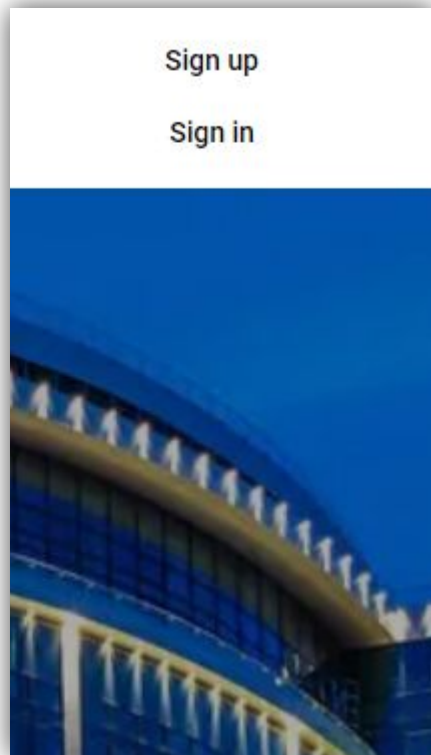
About

Lorem ipsum dolor sit amet, consectetur adipiscing elit. A ad alias asperiores assumenda, beatae corporis dicta dolores eos error expedita fugiat iusto mollitia nam nostrum nulla officia omnis pariatur quae quisquam saepe sapiente sed sint, tempora ullam unde voluptas, voluptates voluptatibus? Adipisci dicta earum enim expedita illum minima minus natus nemo odit, quam qui quis repudiandae sequi suscipit voluptatum. Ab aliquid amet, assumenda at autem consequuntur cumque doloremque dolores ea enim eos expedita inventore ipsa ipsum iure maxime minus necessitatibus nulla officia omnis optio perspiciatis provident quia quibusdam quod saepe sequi sit soluta temporibus ullam vel velit veniam veritatis. Earum.

Cases for client



User Registration



Name *

Last name *

Login *

Password *

E-mail *

Phone number *

Register

A white registration form with six input fields. The fields are labeled "Name *", "Last name *", "Login *", "Password *", "E-mail *", and "Phone number *". A blue "Register" button is at the bottom.

Name *
Nasty

Last name *
Nukusima

Login *
nasty

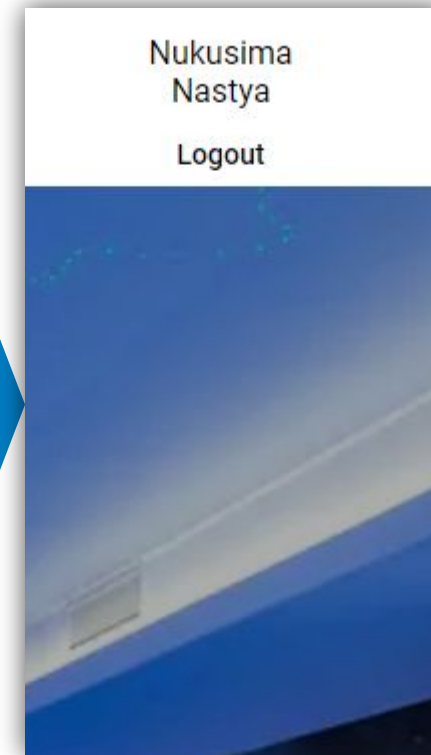
Password *
.....
Minimal length 8 symbols

E-mail *
fukkatsumi@mail.
Wrong format

Phone number *
1231212s
This field can contain only numbers, - or +

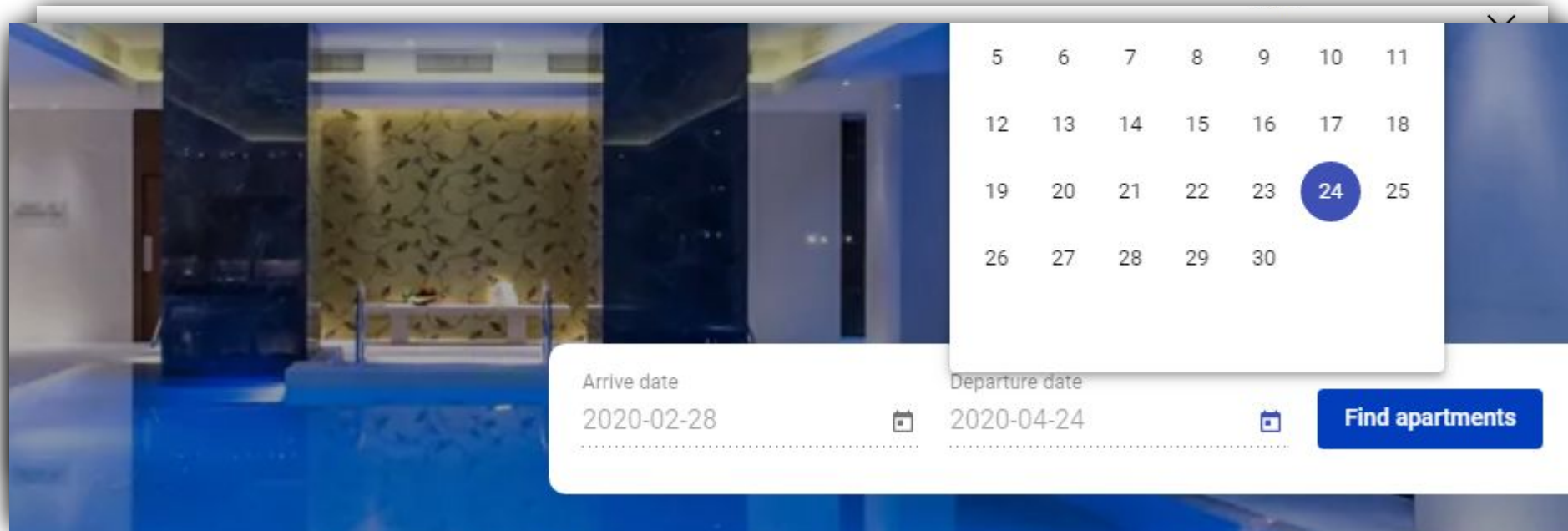
Register

The form is filled with example data. The "Password" field has a red error message "Minimal length 8 symbols". The "E-mail" field has a red error message "Wrong format". The "Phone number" field has a red error message "This field can contain only numbers, - or +". A blue "Register" button is at the bottom.



Booking

Step 1. Choice of date



The screenshot displays a booking interface with a background image of a modern interior. A date selection calendar is open, showing the month of February 2020. The date 24 is highlighted in a blue circle. Below the calendar, the 'Arrive date' is set to 2020-02-28 and the 'Departure date' is set to 2020-04-24. A blue button labeled 'Find apartments' is visible on the right side of the form.

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		

Arrive date: 2020-02-28

Departure date: 2020-04-24

[Find apartments](#)



Booking history





[Home](#)

[Apartments](#)

[Reviews](#)

[Services](#)

[Contacts](#)

Nukusima
Nastya

[Logout](#)



2020-02-26 - 2020-02-27

Apartment class: Econom

- Blackjack and wh**es

Price: 1000\$

[Cancel booking](#)

2020-02-26 - 2020-02-27

Apartment class: Lux

- Washing
- Mini bar
- Breakfast
- Pool
- Spa

Price: 5500\$

[Cancel booking](#)

2020-02-26 - 2020-02-27

Apartment class: Standard

- Mini bar

Price: 600\$

[Cancel booking](#)



Reviews





2020-02-12 - 2020-02-21

Apartment class: Half-Lux

- Mini bar

Price: 4900\$

Cancel booking

2020-02-07 - 2020-02-10

Apartment class: Half-Lux

- Breakfast

Price: 3000\$

2020-02-06 - 2020-02-14

Apartment class: Lux

- Washing
- Breakfast
- Spa

Price: 13100\$

2020-02-06 - 2020-02-28

Apartment class: Half-Lux

- Mini bar
- Breakfast
- Blackjack and wh**es

Price: 9900\$

2020-02-05 - 2020-02-12

Apartment class: Lux

- Mini bar
- Breakfast

Price: 9400\$

2020-02-05 - 2020-02-06

Apartment class: Half-Lux

- Washing

Price: 1100\$

Your review *

Between 10 and 300 symbols

Send review

2020-02-05 - 2020-02-06

Apartment class: Lux

- Washing
- Mini bar

Price: 2500\$

Your review:

Hello, i am Work




Tasks page



Created

Opened Started Complete

	Created: 2019-11-20 01:23:23 End: 2019-11-21 01:23:23 Room: 2 Creator: Please Work Description: Test task Accept Cancel	Created: 2019-11-20 01:23:23 End: 2019-11-21 01:23:23 Room: 2 Creator: Please Work Description: Test task Accept Cancel
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Started

Opened Started

	Created: 2019-11-22 01:23:23 End: 2019-11-23 01:23:23 Accepted: 2019-11-20 01:50:23 Room: 2 Creator: Peterr Sweatterr Description: Test task Finish Cancel
---	--

Completed

Opened Started Complete

	Created: 2020-11-22 03:23:23 End: 2020-11-22 03:24:23 Accepted: 2020-11-20 03:50:23 Complete: 2020-11-21 00:50:23 Room: 2 Creator: Please Work Description: Test task	Created: 2020-11-20 01:23:23 End: 2020-11-21 01:23:23 Accepted: 2020-11-20 01:50:23 Complete: 2020-11-20 22:50:23 Room: 2 Creator: Peterr Sweatterr Description: Test task
--	---	--

Canceled

Opened Started Complete Failed Canceled

	Created: 2020-11-20 01:23:23 End: 2020-11-21 01:23:23 Accepted: 2020-11-20 01:50:23 Complete: 2020-11-20 22:50:23 Room: 2 Creator: Peterr Sweatterr Description: Test task	Created: 2020-11-20 01:23:23 End: 2020-11-21 01:23:23 Accepted: 2020-11-20 01:50:23 Complete: 2020-11-20 22:50:23 Room: 2 Creator: Peterr Sweatterr Description: Test task	Created: 2020-11-20 01:23:23 End: 2020-11-21 01:23:23 Accepted: 2020-11-20 01:50:23 Complete: 2020-11-20 22:50:23 Room: 2 Creator: Peterr Sweatterr Description: Test task
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Booking manager



Step 1. Select field

Booking list

Items per page: 5 16 - 17 of 17

Start date	End date	Total price	Comments	Created date	Re
Search	Search	Search	Search	Search	Se 02:52
2020-02-26	2020-02-27	600		2020-02-07 06:02:52	34:43
2020-02-16	2020-02-21	1000		2020-02-07 13:34:43	

Change

Start date *
2020-02-1

End date *
2020-02-2

Comments
Family wi

Review

Status
Confirme

Email *
zhenyaf

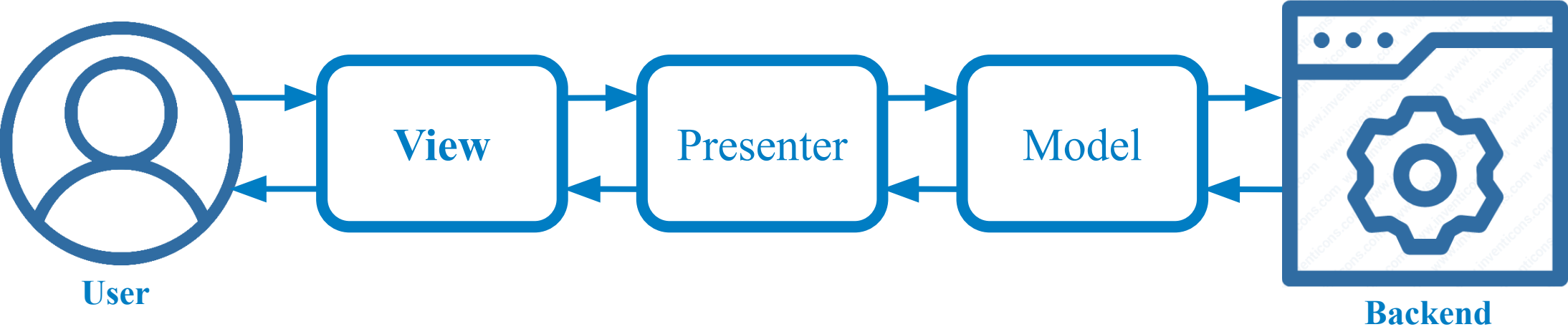
Apartments
599

Apartments
Standard

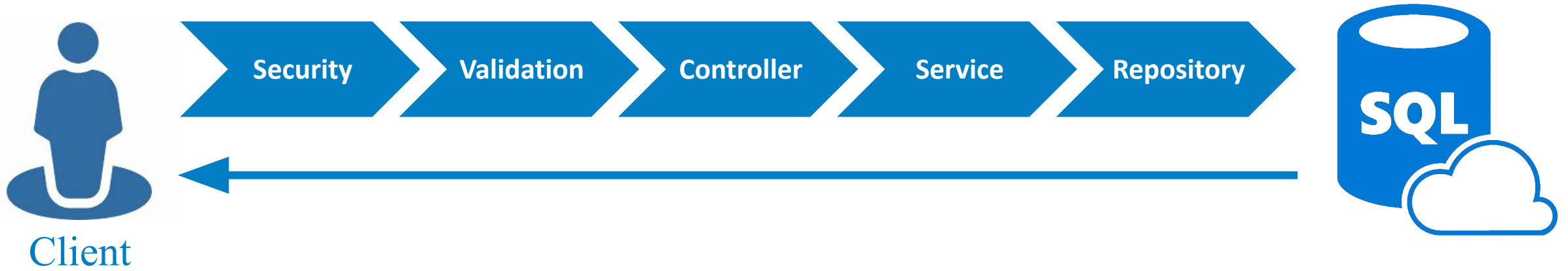
Se



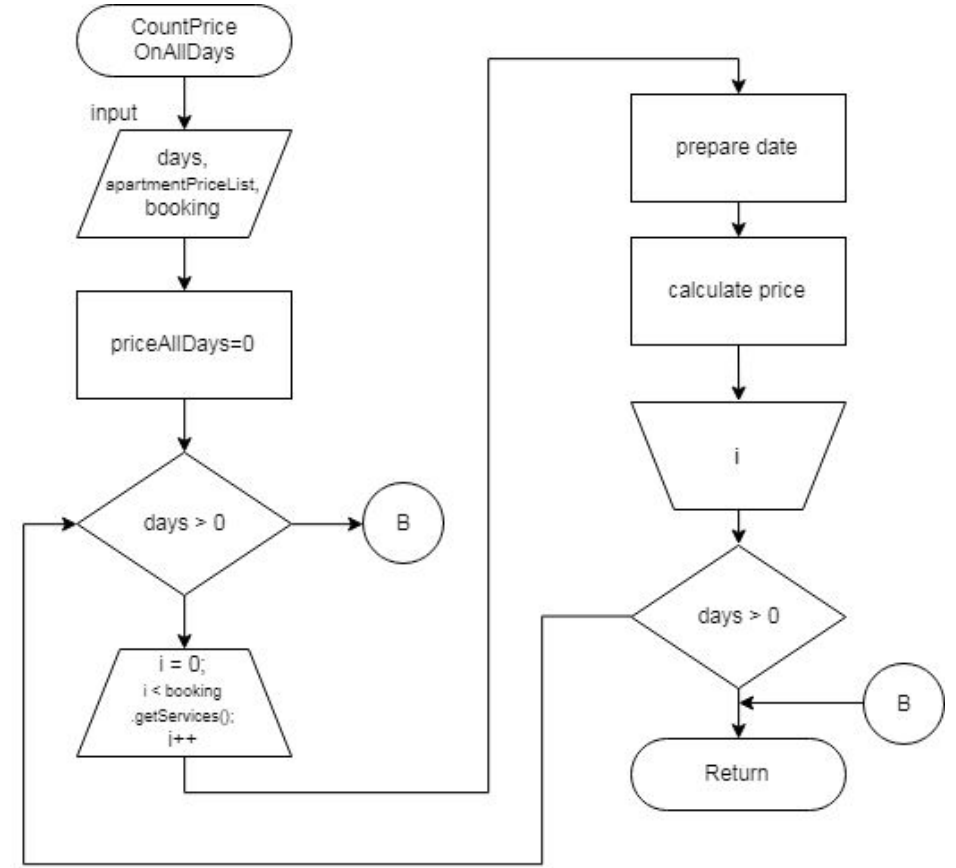
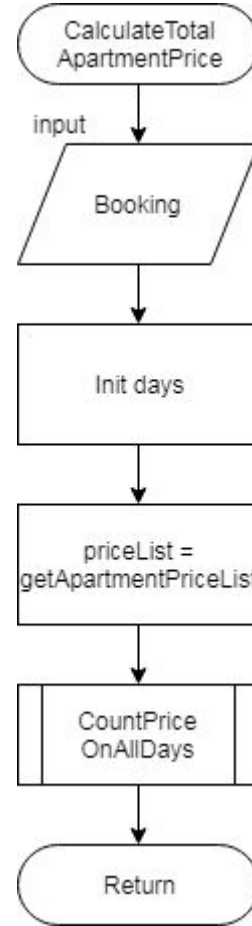
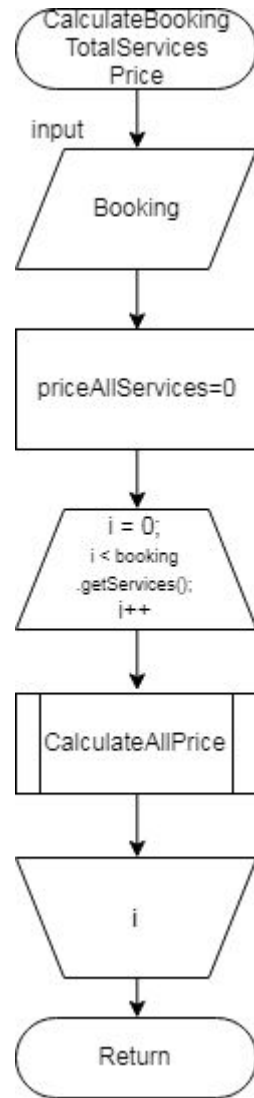
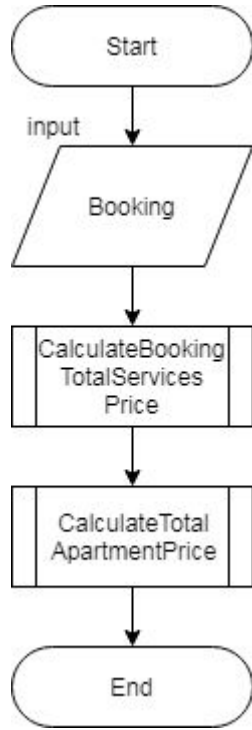
Frontend architecture



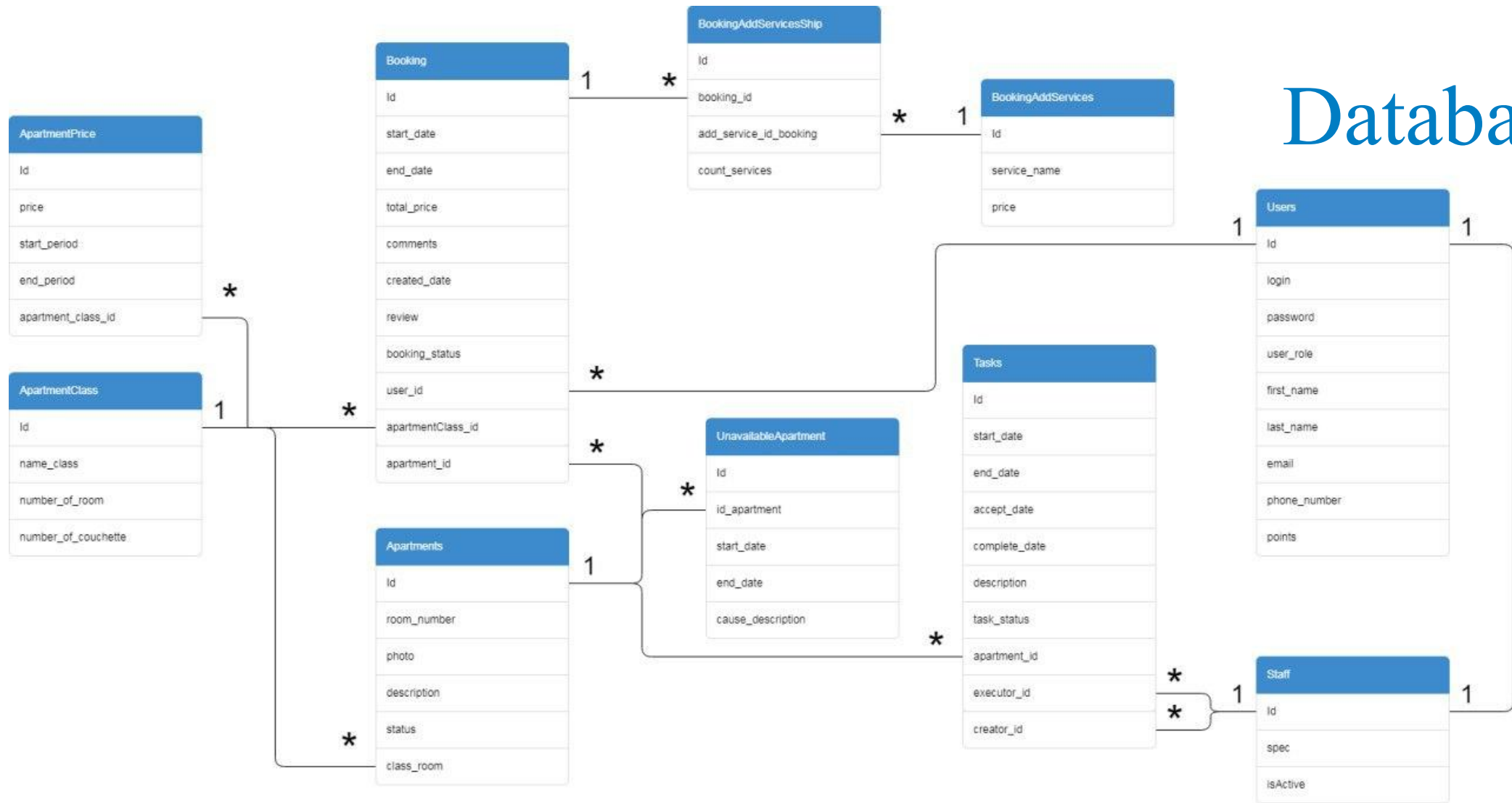
Backend architecture



Features



Database





Q&A