

INHA UNIVERSITY IN TASHKENT

DEPARTMENT OF CSE

SPRINT SEMESTER 2020

INTERNET PROGRAMMING

TEAM: NBPS

PROJECT: IPLOVE

"From the ashes, we will rise"

| | |
|---------------------|----------|
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[Github repository](#)

Links to our website:

[Backend \(admin panel\)](#)

[Frontend](#)

Short description

As the capital city of Uzbekistan, Tashkent is the right place to discover the flavors of the national cuisine. At this day iPlove is an example of modern national restaurant, which offers wide range of national meals. Moreover, the design is favorable to taste national dishes, and the surrounding atmosphere triggers a feeling of comfort and coziness that immediately disposes to table conversation. Recently, the website of iPlove gives opportunity to take a piece of this atmosphere to home during the quarantine time.

Target audience

Everyone, who wants to get pleasure in eating national cuisine.

Workers

All restaurant's staff (cook, waiters, hostess, managers etc.)

Entities or resources

1. Item
2. Order
3. Booking
4. User
5. Table
6. Category

Administrator privileges

Administrator has a bunch of functionalities including full create read update and delete functionality on each resource on the website

Administrator can monitor the orders placed by customers

Customer functionality

Despite registration and login, a client is able to place an orders along with booking a specific table in our restaurant for a particular day and time.

Administrator panel

After log in to the administrator panel he is provided with navigation to the important entities in our project such as:

1. Users
2. Items
3. Categories
4. Orders
5. Tables
6. Booking

After switching to a required resource main page there is a list of records saved in the database

Categories

[Create item](#)

| Title | Description | Status | Actions |
|-----------|--|--------|---|
| Plov | Plov is the national dish of Uzbekistan. It is of great importance to the nation's history, tradition, and culture. Over fifty versions of the recipe exist, some of them even 10 centuries old, but to make the best-known version, the first step is to make zirvak, a base consisting of seasoned carrots, onions, and meat sautéed in fat. | Active | Edit Delete |
| Soups | National soups | Active | Edit Delete |
| Salads | National salads | Active | Edit Delete |
| Beverages | aADASDA | Active | Edit Delete |

The view correspondingly fetches all the data from the database and displays it in a nicely looking table. There are couple of actions on record to be executed such as modification, deletion and creation. Each of them is obviously noted by specific buttons.

For instance, if you look at modifying page you can see the form already populated with specified record info

Title

Plov

Description

Plov is the national dish of Uzbekistan. It is of great importance to the nation's history, tradition, and culture. Over fifty versions of the recipe exist, some of them even 10 centuries old, but to make the best-known version, the first step is to make zirvak, a base consisting of seasoned carrots, onions, and meat sautéed in fat.

[Submit](#)

[Back](#)

At this particular moment you can either submit the changes or go back to the list of the records.

Every action is accompanied with a flash message given that it has executed successfully

Category has been deleted

×

Categories

[Create item](#)

| Title | Description | Status | Actions |
|-------------|--|--------|---|
| repudiandae | Sunt commodi ipsum suscipit incididunt. Eos quis illo eos similique. | Active | Edit Delete |

If you go to the creation of a particular entity in the admin panel the form will be shown

Laravel

UsersCategoriesItemsOrdersTablesBookings

Administrator

Create user

Name

Email

Password

Confirm password

Firstname

Lastname

☐ Administrator

Create

For instance, while creating a user administrator chooses whether to make the user as administrator or not.

Laravel

UsersCategoriesItemsOrdersTablesBookings

Administrator

The name field is required.

×

The email field is required.

×

The password field is required.

×

Create user

Name

Email

Password

Confirm password

If particular input fields are required to be entered by an administrator, it immediately shows all errors to make sure the data is valid.

Website



iPlove

(71) 200 - 80 - 80

Login

PLOV

SOUPS

SALADS

BEVERAGES

Cart (0)



Tashkent plov

Meat, rice, carrot, onion...

15,000 UZS

Add to cart



Samarkand plov

Meat, rice, yellow carrot, onion...

14,000 UZS

Add to cart



Fergana plov

Meat, rice, carrot, onion, quince...

16,500 UZS

Add to cart



Wedding plov

Meat, kazi, rice, carrot, onion, quail eggs...

21,000 UZS

Add to cart

Login page



LOGIN

Email

Password

Login

Register

REGISTER

Username

Email

Password

Confirm password

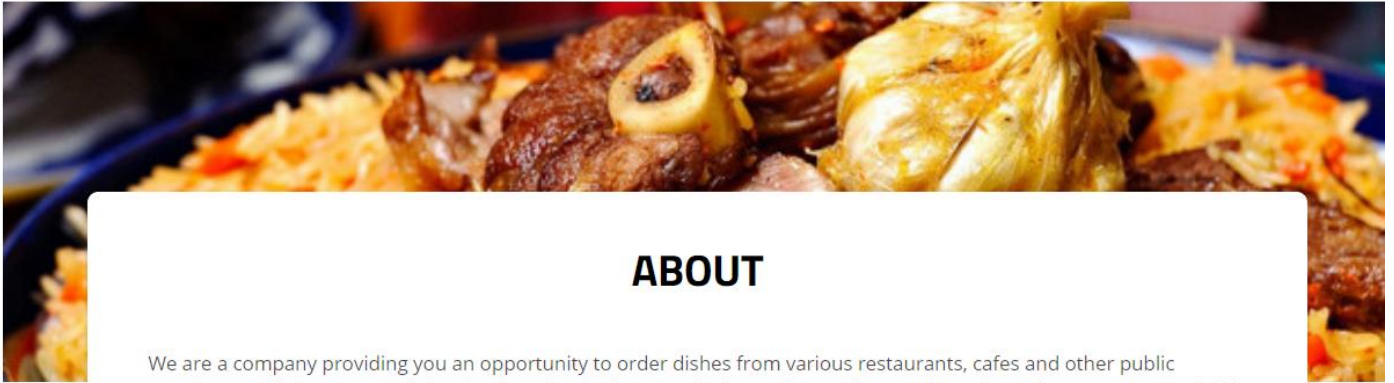
First name

Last name

Register

Customer is able to register and log in to the system using his or her own credentials. Input fields are handled using Angular input validators.

```
46 ✓ createForm() {  
47  
48 ✓   this.form = this.fb.group({  
49     name: ['', Validators.compose([Validators.minLength(5), Validators.required])],  
50     email: ['', Validators.compose([Validators.email, Validators.required])],  
51     password: ['', Validators.compose([Validators.minLength(5), Validators.required])],  
52     password_confirmation: ['', Validators.compose([Validators.minLength(5), Validators.required])],  
53     },  
54     {  
55       firstname: ['', Validators.compose([Validators.minLength(5), Validators.required])],  
56       lastname: ['', Validators.compose([Validators.minLength(5), Validators.required])]  
57     },  
58     this.isFormReady = true;  
59   }  
}
```

ABOUT

We are a company providing you an opportunity to order dishes from various restaurants, cafes and other public catering establishments. Ordering food on the site is easy. Check out the product catalog, select what you want, and click "Select". In the shopping Cart, check the order and the required number of products. Click the "checkout" button. Then our operator will contact you to clarify and confirm the order. From the moment of order confirmation, we take care of guaranteed and timely delivery.



Contact us page

PLOV

SOUPS

SALADS

BEVERAGES

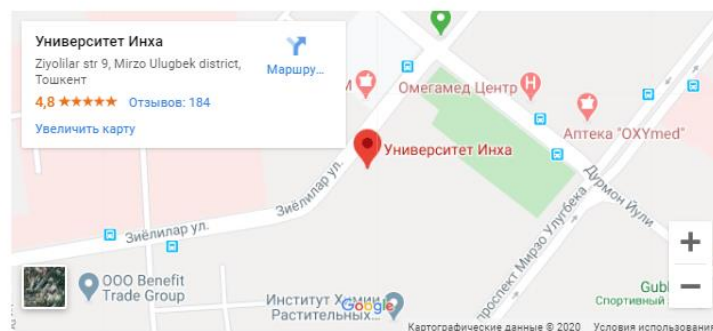
Cart (0)

CONTACTS

+998 (71) 200-80-80

@ INFO@IPLOV.UZ

ADDRESS



Cart



(71) 200 - 80 - 80

Account

PLOV







SOUPS

SALADS

BEVERAGES

Cart (3)

CART

| | | | | | | | | |
|----|---|------------|------------|---|---|---|---|------------------------------------|
| 1. |  | Shurva | 13,000 UZS | - | 1 | + |  | Total: 40,500 UZS |
| 2. |  | Mastava | 15,000 UZS | - | 1 | + |  | |
| 3. |  | Mashkhurda | 12,500 UZS | - | 1 | + |  | |

Checkout →

Clear

iPlove

BRANCHES

CALL NOW

About Us

Tashkent

(71) 200-80-80

Contacts

In the cart a client has an opportunity to change the quantity of items chosen or to clear the cart.

Checkout



iPlove

PLOV

SOUPS

SALADS

CART

1.  Shurva

2.  Mastava


15,000 UZS

-

1

+



3.  Mashkhurda

12,500 UZS

-

1

+



al:
0,500 UZS

Checkout →

Clear

Account

Cart (3)

Checkout



Choose payment type:



Cash



Card

Checkout

Back

iPlove

BRANCHES

About Us
Contacts

Tashkent

CALL NOW

(71) 200-80-80

After choosing items to the cart user should choose the payment method to be checkout. It can be either card or cash.



(71) 200 - 80 - 80

Account

PLOV SOUPS SALADS BEVERAGES

Cart (3)

ACCOUNT

Orders

General Info

Logout

Orders

| | |
|------------|------------|
| 28.01.2020 | 70.000 UZS |
| 28.01.2020 | 70.000 UZS |
| 28.01.2020 | 70.000 UZS |

Bookings

| | |
|------------------|---------|
| 28.01.2020 17:00 | Table 5 |
| 28.01.2020 17:00 | Table 5 |
| 28.01.2020 17:00 | Table 5 |

iPlove

BRANCHES

CALL NOW

User can see the orders history

Tables page

[PLOV](#)[SOUPS](#)[SALADS](#)[BEVERAGES](#)[BOOKING](#)

Cart (3)

BOOKING TABLES

TABLE 10

People # 5

TABLE 3

People # 5

TABLE 23

People # 4

TABLE 1

People # 1

TABLE 9

People # 1

TABLE 17

People # 6

TABLE 8

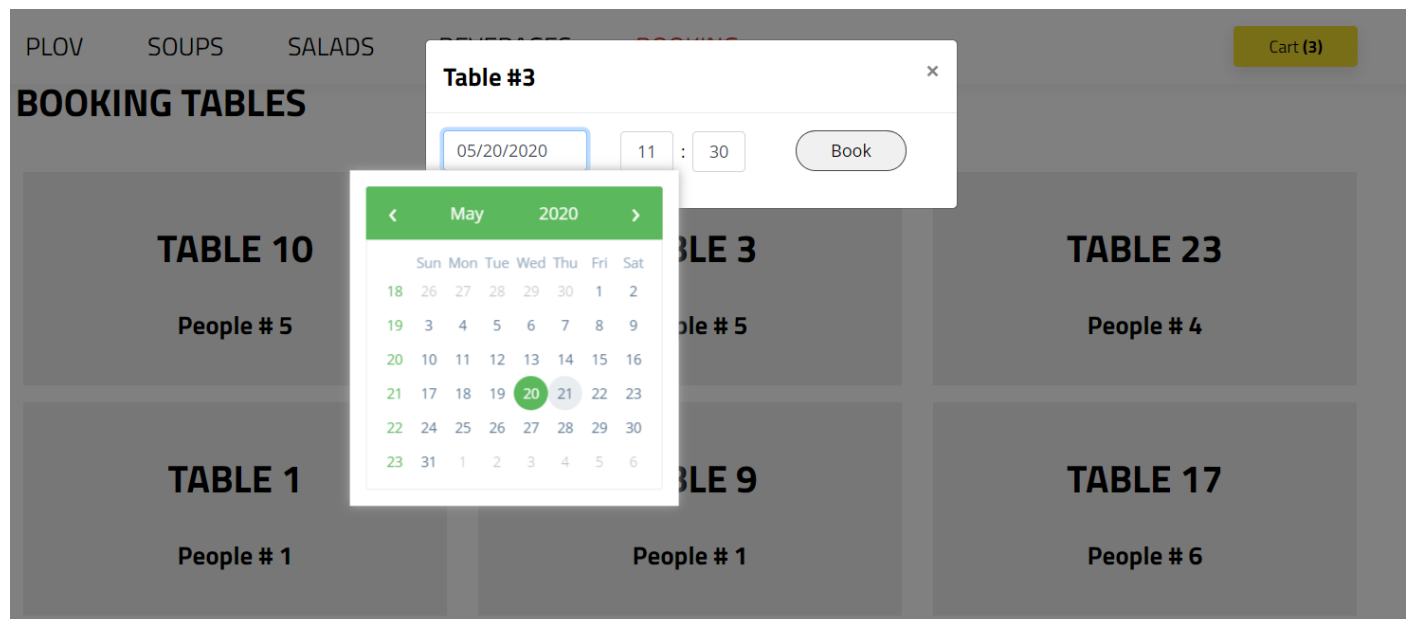
People # 4

TABLE 16

People # 4

TABLE 4

People # 6



User can choose a particular table to book for a particular time. All bookings are stored in the bookings table in the database. What is more, it shows a message whether the table is valid or not.

Account info

ACCOUNT

Orders

General Info

Logout

Username

Administrator

Email

admin@site.local

Address

**20497 Kshlerin Fields North
Jenifer, WY 37796-9564**

First Name

Oliver

Country

Canada

Postcode

57387-5149

Last Name

Emmerich

City

North Enosberg

Phone number

419.318.6683 x214

We have developed a RESTful API at backend of our project which can be accessed through the endpoint <http://161.35.29.230/api>. Yet in turn we have the front working at the <http://161.35.29.230:5000> which in turn “talks” with the RESTful API and fetches all the information required for the frontend. **You can get acquainted with the REST endpoint at our Github repository README.md**

Predefined accounts

Administrator

Email: admin@site.local

Password: administrator

User

Email: any existing user email or testuser@mail.local2

Password: password

Database Schema

Database schema will be included alongside with the report in the schema.pdf file

Team member's contribution

Shoumarov Bositkhon – Backend RESTful API.

Djanibekov Amirbek – Admin Panel CRUD & Frontend navigation bar.

Mansurov Jonibek – Admin panel CRUD & Static pages (contact, about us).

Sim Aleksandr – Admin panel CRUD & Admin layout.

Sapaev Shukurillo – Frontend pages, Models, Account info component, Category component.

Umarbekov Kobilbek – Frontend design, Services, Models, Authentication.

References

1. Stack Overflow issues
2. <https://www.youtube.com/watch?v=ImtZ5yENzgE>
3. <https://www.youtube.com/watch?v=Fdf5aTYRW0E>
4. <https://www.youtube.com/playlist?list=PLC3y8-rFHvwhBRAGFinJR8KHlrCdTkZcZ>
5. [Laravel documentation](#)
6. [Angular documentation](#)