INHA UNIVERSITY IN TASHKENT
DEPARTMENT OF CSE
SPRTING 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 is has executed successfully

Category has been deleted ✕

Categories

Create item

Title	Description	Status	Actions
repudiandae	Sunt commodi ipsum suscipit incidunt. 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

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

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         firstname: ["", Validators.compose([Validators.minLength(5), Validators.required])],
54         lastname: ["", Validators.compose([Validators.minLength(5), Validators.required])]
55       });
56
57
58       this.isFormReady = true;
59     }
```

PLOV   SOUPS   SALADS   BEVERAGES   Cart **(0)**
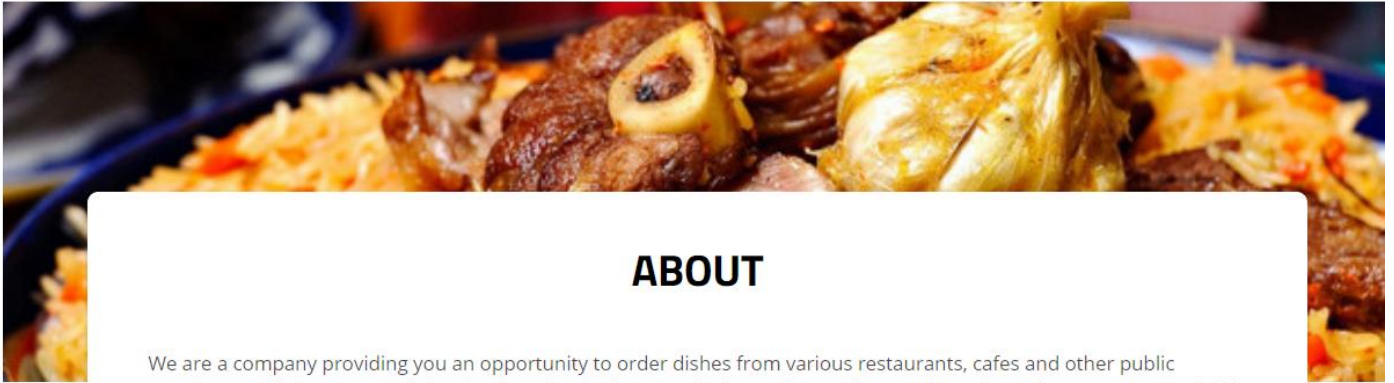
ABOUT

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

CONTACTS

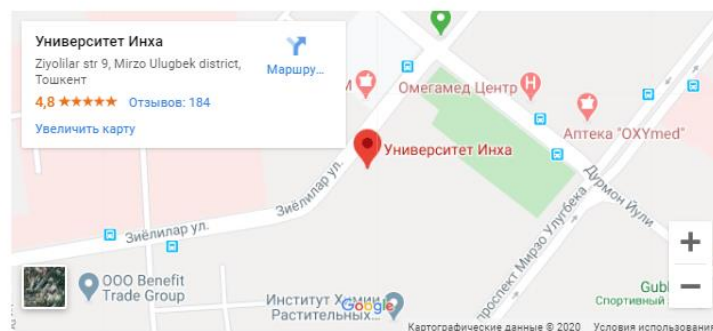📞 +998 (71) 200-80-80   @ INFO@IPLOV.UZ

✈ ADDRESS

Университет Инха
Ziyolilar str 9, Mirzo Ulugbek district,
Тошкент
4,8 ★★★★★   Отзывов: 184
Увеличить карту

Маршру...

Омегамед Центр H
Аптека "OXYmed"
Университет Инха
Зиёлилар ул.
ООО Benefit
Trade Group
Институт Химии
Растительных...
Gubl
Спортивный
Google
Картографические данные © 2020   Условия использования

iPlove

(71) 200 - 80 - 80

Account

PLOV   SOUPS   SALADS   BEVERAGES

Cart (3)

CART

		Name	Price					
1.		Shurva	13,000 UZS	−	1	+	🗑	
2.		Mastava	15,000 UZS	−	1	+	🗑	
3.		Mashkhurda	12,500 UZS	−	1	+	🗑	

Total:

40,500 UZS

Checkout →

Clear

iPlove

About Us
Contacts

BRANCHES

Tashkent

CALL NOW

(71) 200-80-80

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

Checkout

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

iPlove

(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

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

PLOV   SOUPS   SALADS   BEVERAGES   BOOKING

Cart **(3)**

BOOKING TABLES

Table #3   ✕

05/20/2020   11 : 30   Book

‹		May	2020			›
	Sun	Mon	Tue	Wed	Thu	Fri	Sat
18	26	27	28	29	30	1	2
19	3	4	5	6	7	8	9
20	10	11	12	13	14	15	16
21	17	18	19	**20**	21	22	23
22	24	25	26	27	28	29	30
23	31	1	2	3	4	5	6

TABLE 10

People # 5

TABLE 3

ple # 5

TABLE 23

People # 4

TABLE 1
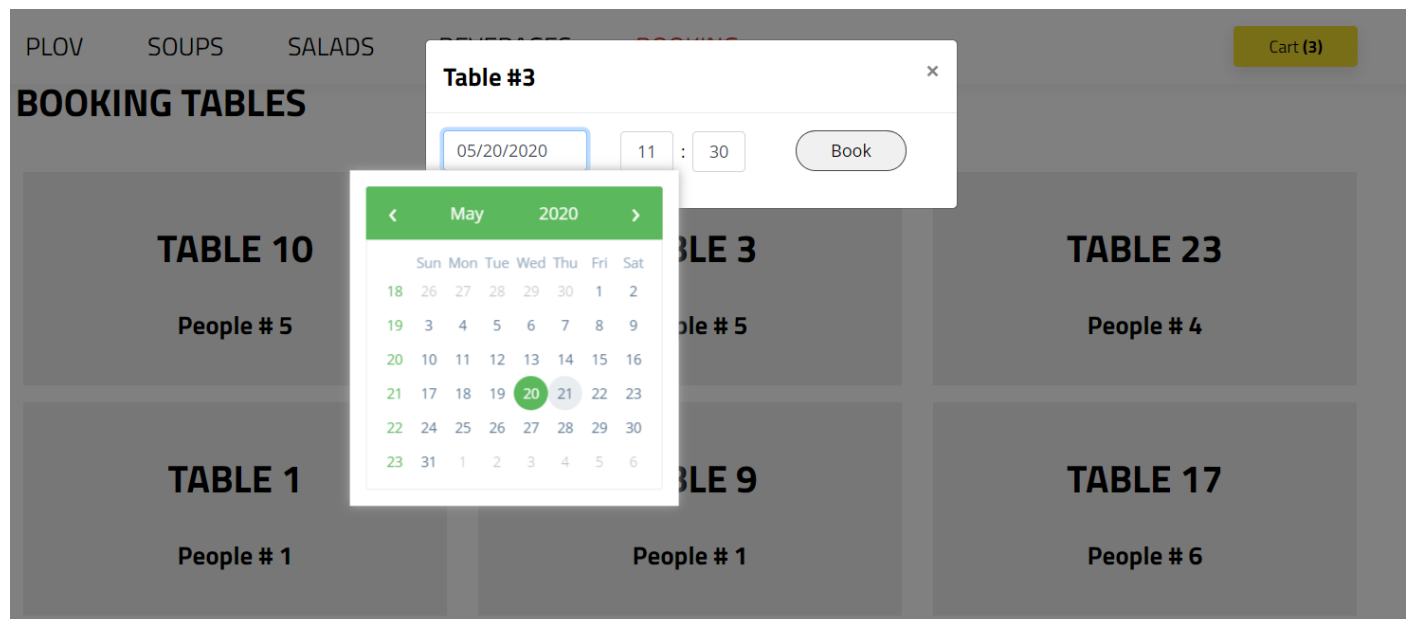
People # 1

LE 9

People # 1

TABLE 17

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

Orders	Username **Administrator**	First Name **Oliver**	Last Name **Emmerich**

Orders

General Info

Email **admin@site.local**

Country **Canada**

City **North Enosberg**

Logout

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

Postcode **57387-5149**

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 test@site.local

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-rFHvwhBRAgFinJR8KHIrCdTkZcZ
5. Laravel documentation
6. Angular documentation