

API Definition

1. General

All API paths will be prefixed with `/api/v1/`.

2. User management

Description	Logs in user.
Method	POST
Path	/login
Query Params	
Headers	
Content Type	application/json
Body	<pre>{ "email": "irfankr91@gmail.com", "password": "12345", "rememberMe": "true" }</pre>
Successful Response Status	200 OK

Successful Response Body	<pre>{ "id": 3000, "email": "irfankr91@gmail.com", "phone": "061506652", "country": "BiH", "city": "Sarajevo", "firstName": "Irfan", "lastName": "Krijestorac" }</pre>
Error Response Status	400 Bad Request
Error Response Body	<pre>{ "error": "Entered data is not valid! You have 1 of 5 attempts!" }</pre>

Description	Logout user.
Method	GET
Path	/logout
Query Params	
Headers	
Content Type	application/json
Body	

Successful Response Status	200 OK
Successful Response Body	
Error Response Status	400 Bad Request
Error Response Body	

Description	Registers new user.
Method	POST
Path	/register
Query Params	
Headers	
Content Type	application/json

Body	<pre>{ "email": "noviuser@gmail.com", "firstName": "Novi", "lastName": "Korisnik", "Phone": "13215156", "country": "BiH", "city": "Maglaj", "password": "10062016" }</pre>
Successful Response Status	200 OK
Successful Response Body	<pre>{ "id": 1, "email": "noviuser@gmail.com", "phone": "13215156", "country": "BiH", "city": "Maglaj", "firstName": "Novi", "lastName": "Korisnik" }</pre>
Error Response Status	400 Bad Request
Error Response Body	<pre>{ "error": "Any server validation message" }</pre>

Description	Get current user.
Method	GET
Path	/currentUser
Query Params	
Headers	
Content Type	application/json
Body	
Successful Response Status	200 OK
Successful Response Body	<pre>{ "id": 16, "email": "noviuser@gmail.com", "phone": "13215156", "country": "BiH", "city": "Maglaj", "firstName": "Novi", "lastName": "Korisnik" }</pre>
Error Response Status	400 Bad Request

Error Response Body	<pre>{ "error": "User doesn't exist!" }</pre>
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3. Restaurant management

Description	Fetches restaurants with filter parameters
Method	POST
Path	/getRestaurantsByFilter
Query Params	
Headers	
Content Type	application/json
Body	<p>Example #1: {"itemsPerPage":6,"pageNumber":"1"}</p> <p>Example #2: {"itemsPerPage":6,"pageNumber":"1", "searchText": ""}</p>
Successful Response Status	200 OK

Successful Response Body	<pre>{ "restaurants": [{ "id": 3001, "restaurantName": "Baja Fresh", "description": "Some description", "latitude": 33.75859832763672, "longitude": -84.3885726928711, "mark": 22, "votes": 5, "priceRange": 4, "imageFileName": "https://s3.amazonaws.com/atlantpraksa/d8b5eee6-167f-49d d-a46f-a1bf6c6aec52.jpg", "coverFileName": "https://s3.amazonaws.com/atlantpraksa/d73e4720-160e-4c 7e-807e-e041f830fa23.jpg", "location": 3001, "foodType": "Vegetarian American" }, ...], "numberOfRestaurantPages": 1 }</pre>
Error Response Status	400 Bad Request
Error Response Body	

Description	Fetch restaurant details
Method	POST
Path	/getRestaurantDetails

Query Params	
Headers	
Content Type	application/json
Body	<pre>{ "Id": "3001" }</pre>
Successful Response Status	200 OK
Successful Response Body	<pre>{ "id": 3001, "restaurantName": "Baja Fresh", "description": "Some description", "latitude": 33.75859832763672, "longitude": -84.3885726928711, "mark": 22, "votes": 5, "priceRange": 4, "imageFileName": "https://s3.amazonaws.com/atlantpraksa/d8b5eee6-167f-49d d-a46f-a1bf6c6aec52.jpg", "coverFileName": "https://s3.amazonaws.com/atlantpraksa/d73e4720-160e-4c 7e-807e-e041f830fa23.jpg", "location": 3001, "foodType": "Vegetarian American" }</pre>

Error Response Status	400 Bad Request
Error Response Body	<pre>{ "error": "Restaurant doesn't exist!" }</pre>

Description	Fetch restaurant menu.
Method	POST
Path	/getRestaurantMenu
Query Params	
Headers	
Content Type	application/json
Body	<pre>{ "idRestaurant": "2", "type": "Dinner" }</pre>
Successful Response Status	200 OK

Successful Response Body	<pre>[{ "id": 3006, "idRestaurant": 2, "type": "Dinner", "name": "Tuna Salad", "price": 9, "description": "Italian House or Caesar Salad" }, { "id": 3007, "idRestaurant": 2, "type": "Dinner", "name": "Rainbow Naruto Roll", "price": 12, "description": "Tuna, salmon, white fish, kani, avocado and tobiko" }, ]</pre>
Error Response Status	400 Bad Request
Error Response Body	

Description	Fetches locations for all restaurants
Method	GET
Path	/getRestaurantsLocations
Query Params	
Headers	

Content Type	application/json
Body	
Successful Response Status	200 OK
Successful Response Body	<pre>[{ "Id": 3001, "location": "New York", "number": 1 }, { "Id": 3002, "location": "Chicago", "number": 1 },]</pre>
Error Response Status	400 Bad Request
Error Response Body	

Description	Fetches all restaurants sorted by today reseravtions
Method	GET
Path	/allRestaurantsSortReservationsToday
Query Params	
Headers	
Content Type	application/json
Body	
Successful Response Status	200 OK
Successful Response Body	[{ "id": 3007, "restaurantName": "Mughlai Cuisine", "description": "Some description.", "latitude": 42.377559661865234, "longitude": -71.06297302246094, "mark": 320, "votes": 75, "priceRange": 3, "imageFileName": "https://s3.amazonaws.com/atlantpraksa/06988710-60a3-4974-a3a8-73f2682adde8.jpg", "coverFileName": "https://s3.amazonaws.com/atlantpraksa/ebd6c22c-8793-4e18-b529-8922c3f1b13b.jpg", "location": 3002, "foodType": "Vegetarian American Barbeque" }]

	<pre> } , ...]</pre>
Error Response Status	400 Bad Request
Error Response Body	

Description	Evaluate restaurant and leave comment
Method	POST
Path	/insertComment
Query Params	
Headers	
Content Type	application/json
Body	<pre> {"mark":3, "idUser":3000, "idRestaurant":3001, "comment":"I like to eat in this restaurant"}</pre>

Successful Response Status	200 OK
Successful Response Body	
Error Response Status	400 Bad Request
Error Response Body	

Description	Get list of restaurant categories
Method	GET
Path	/getAllCategories
Query Params	
Headers	
Content Type	application/json

Body	
Successful Response Status	200 OK
Successful Response Body	[{"id":3001,"name":"Vegetarian"}, {"id":3002,"name":"American"}, {"id":3003,"name":"Barbeque"}]
Error Response Status	400 Bad Request
Error Response Body	

4. Reservations

Description	Make reservation
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Method	POST
Path	/makeReservation
Query Params	
Headers	
Content Type	application/json
Body	<pre>{ "persons": "3 people", "reservationDate": "Jul 15, 2016", "reservationHour": "10:30 AM", "idRestaurant": "3001" }</pre>
Successful Response Status	200 OK
Successful Response Body	<pre>{ "id": 23, "idTable": 8, "idUser": 3000, "persons": 3, "reservationDateTime": 1465979400000 }</pre>
Error Response Status	400 Bad Request

Error Response Body	<pre>{"error": "No available tables!"}</pre>
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Description	Check reservation availability
Method	POST
Path	/checkReservationAvailability
Query Params	
Headers	
Content Type	application/json
Body	<pre>{ "people": "3 people", "date": "Jul 14, 2016", "hour": "01:00 PM", "idRestaurant": 3001 }</pre>
Successful Response Status	200 OK
Successful Response Body	<pre>{ "tablesLeft": 5, "bestTime": ["10:00 AM", "08:00 PM", "08:30 PM", "09:00 PM"], "idRestaurant": 3001, "restaurantName": "Baja Fresh", "restaurantImageFilename":</pre>

	"https://s3.amazonaws.com/atlantpraksa/d8b5eee6-167f-49d-d-a46f-a1bf6c6aec52.jpg" }
Error Response Status	400 Bad Request
Error Response Body	{ "error": "No available tables!" }

Description	Get list of reservations for Current User
Method	GET
Path	/getListOfReservationsForUser
Query Params	
Headers	
Content Type	application/json
Body	

Successful Response Status	200 OK
Successful Response Body	[{"restaurantName":"Baja Fresh","imageFileName":"https://s3.amazonaws.com/atlantpraksa/d8b5eee6-167f-49dd-a46f-a1bf6c6aec52.jpg","guests":3,"reservationDate":"Jul 15, 2016","reservationHour":"10:30 AM"}]
Error Response Status	400 Bad Request
Error Response Body	

Description	Get restaurants with free tables
Method	POST
Path	/getFreeTables
Query Params	
Headers	
Content Type	application/json

Body	<code>{"people":"4 people","date":"Jul 24, 2016","hour":"10:00 AM", "searchText": ""}</code>
Successful Response Status	200 OK
Successful Response Body	<code>[{ "tablesLeft": 5, "bestTime": ["10:00 AM", "08:00 PM", "08:30 PM", "09:00 PM"], "idRestaurant": 3001, "restaurantName": "Baja Fresh", "restaurantImageFilename": "https://s3.amazonaws.com/atlantpraksa/d8b5eee6-167f-49d d-a46f-a1bf6c6aec52.jpg" }, ...]</code>
Error Response Status	400 Bad Request

Error Response Body	<code>{"error": "No available tables!"}</code>
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Administration

Description	Get counters for administration index page
Method	GET
Path	admin/getAdministrationCounters
Query Params	
Headers	
Content Type	application/json
Body	
Successful Response Status	200 OK

Successful Response Body	<pre>{ "restaurantsNumber": 9, "locationsNumber": 6, "usersNumber": 1 }</pre>
Error Response Status	400 Bad Request
Error Response Body	

Locations

Description	Get list of locations for administration
Method	POST
Path	admin/getFilteredLocations
Query Params	
Headers	
Content Type	application/json
Body	<pre>{"itemsPerPage":6,"pageNumber":"1", "searchText": ""}</pre>

Successful Response Status	200 OK
Successful Response Body	<pre>{ "locations": [{ "id": 3001, "name": "New York" }, { "id": 3002, "name": "Chicago" }, ...] "numberOfPages": 1 }</pre>
Error Response Status	400 Bad Request
Error Response Body	

Description	Add location
Method	POST
Path	admin/addLocation
Query Params	

Headers	
Content Type	application/json
Body	<code>{"name": "Sarajevo"}</code>
Successful Response Status	200 OK
Successful Response Body	<code>{ "id": 7, "name": "Sarajevo" }</code>
Error Response Status	400 Bad Request
Error Response Body	<code>{"error": "Location already exist!"}</code>

Description	Edit location
Method	POST

Path	admin/editLocation
Query Params	
Headers	
Content Type	application/json
Body	<code>{"name": "Changed", "id": 7}</code>
Successful Response Status	200 OK
Successful Response Body	<code>{ "id": 7, "name": "Changed" }</code>
Error Response Status	400 Bad Request
Error Response Body	<code>{"error": "Location doesn't exist!"}</code>

Description	Delete location
Method	POST
Path	admin/deleteLocation
Query Params	
Headers	
Content Type	application/json
Body	<pre>{"id":7}</pre>
Successful Response Status	200 OK
Successful Response Body	
Error Response Status	400 Bad Request

Error Response Body	
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Description	Get location details
Method	POST
Path	admin/getLocationDetails
Query Params	
Headers	
Content Type	application/json
Body	<code>{"id": 3002}</code>
Successful Response Status	200 OK
Successful Response Body	<pre>{ "id": 3002, "name": "Chicago" }</pre>

Error Response Status	400 Bad Request
Error Response Body	

Categories

Description	Get list of categories for administration
Method	POST
Path	admin/getFilteredCategories
Query Params	
Headers	
Content Type	application/json
Body	<code>{"itemsPerPage":6,"pageNumber":"1", "searchText": ""}</code>
Successful Response Status	200 OK

Successful Response Body	<pre>{ "categories": [{ "id": 3001, "name": "Vegetarian" }, { "id": 3002, "name": "American" }, ], "numberOfPages": 1 }</pre>
Error Response Status	400 Bad Request
Error Response Body	

Description	Add category
Method	POST
Path	admin/addCategory
Query Params	
Headers	
Content Type	application/json

Body	<code>{"name":"Bosnian"}</code>
Successful Response Status	200 OK
Successful Response Body	<code>{ "id": 10, "name": "Bosnian" }</code>
Error Response Status	400 Bad Request
Error Response Body	

Description	Edit category
Method	POST
Path	admin/editCategory
Query Params	

Headers	
Content Type	application/json
Body	{"name":"Changed category", "id":4}
Successful Response Status	200 OK
Successful Response Body	{ "id": 10, "name": "Changed category" }
Error Response Status	400 Bad Request
Error Response Body	{"error": "Category doesn't exist!"}

Description	Delete category
Method	POST

Path	admin/deleteCategory
Query Params	
Headers	
Content Type	application/json
Body	<pre>{"id":10}</pre>
Successful Response Status	200 OK
Successful Response Body	
Error Response Status	400 Bad Request
Error Response Body	

Description	Get category details
Method	POST
Path	admin/getCategoryDetails
Query Params	
Headers	
Content Type	application/json
Body	<code>{"id": 3001}</code>
Successful Response Status	200 OK
Successful Response Body	<code>{ "id": 3001, "name": "Vegetarian" }</code>
Error Response Status	400 Bad Request

Error Response Body	
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Restaurants

Description	Get list of restaurants for administration
Method	POST
Path	admin/getFilteredRestaurants
Query Params	
Headers	
Content Type	application/json
Body	<code>{"itemsPerPage":6,"pageNumber":"1", "searchText": ""}</code>
Successful Response Status	200 OK
Successful Response Body	<pre>{ "restaurants": [{ "id": 3006, "restaurantName": "Pasta n Pizza", "description": "Fresh and bursting with flavor is what Pizza n Pasta at Westland Mall has to offer. Serving the Miami, FL area we provide great tasting food thats prepared.</pre>

	<p>As a leading Italian Fast Food Restaurant, we take pride in offering the best Pasta dishes, Pizzas and Italian Dishes. We are dedicated to serving the needs of our customers each and every day.",</p> <pre> "latitude": 39.98982620239258, "longitude": -75.14505767822266, "mark": 70, "votes": 25, "priceRange": 1, "imageFileName": "https://s3.amazonaws.com/atlantpraksa/7f6fe280-8539-4a89-8092-888c5f2ae8e4.jpg", "coverFileName": "https://s3.amazonaws.com/atlantpraksa/3d71e68b-a825-40f6-8655-207939cd9f90.jpg", "location": 3005, "foodType": "Barbeque" }, ...], "numberOfRestaurantPages": 2 } </pre>
Error Response Status	400 Bad Request
Error Response Body	

Description	Add restaurant
Method	POST
Path	admin/addRestaurant

Query Params	
Headers	
Content Type	application/json
Body	<pre>{ "longitude": -80.21, "latitude": 25.77, "restaurantName": "Mc Donalds", "priceRange": 2, "location": 3005, "description": "Great food", "imageFileName": "assets/images/restaurant_logo-e059c3ec2f71d19b1d67f0d80acb45bb.jpg", "coverFileName": "assets/images/restaurant_cover-53bb94de27cf68e4efddddd83ac7c8a84.jpg", "categories": [3002] }</pre>
Successful Response Status	200 OK
Successful Response Body	<pre>{ "id": 13, "restaurantName": "Mc Donalds", "description": "Great food", "latitude": 25.770000457763672, "longitude": -80.20999908447266, "mark": 0, "votes": 0, "priceRange": 2, "imageFileName": "assets/images/restaurant_logo-e059c3ec2f71d19b1d67f0d80acb45bb.jpg", "coverFileName": "assets/images/restaurant_cover-53bb94de27cf68e4efddddd83ac7c8a84.jpg", "location": 3005, "foodType": "-" }</pre>

Error Response Status	400 Bad Request
Error Response Body	

Description	Edit restaurant
Method	POST
Path	admin/editRestaurant
Query Params	
Headers	
Content Type	application/json
Body	{ "id":13,"restaurantName":"Mc Donalds new Name", "description":"Great food", "latitude":25.770000457763672,"longitude":-80.20999908447266, "mark":0,"votes":0,"priceRange":2,"imageName":"assets/images/restaurant_logo-e059c3ec2f71d19b1d67f0d80acb45bb.jpg", "coverFileName":"assets/images/restaurant_cover-53bb94de27cf68e4efddddd83ac7c8a84.jpg", "location":3005,"foodType":"American", "categories":[3002]}
Successful Response Status	200 OK

Successful Response Body	{ "id":13,"restaurantName":"Mc Donalds new Name", "description":"Great food", "latitude":25.770000457763672,"longitude":-80.20999908447266, "mark":0,"votes":0,"priceRange":2,"imageName":"assets/images/restaurant_logo-e059c3ec2f71d19b1d67f0d80acb45bb.jpg", "coverFileName":"assets/images/restaurant_cover-53bb94de27cf68e4efddddd83ac7c8a84.jpg", "location":3005,"foodType":"American", "categories":[3002]}
Error Response Status	400 Bad Request
Error Response Body	

Description	Delete restaurant
Method	POST
Path	admin/deleteRestaurant
Query Params	
Headers	
Content Type	application/json
Body	{ "id":13}

Successful Response Status	200 OK
Successful Response Body	
Error Response Status	400 Bad Request
Error Response Body	

Description	Get all reviews and comments for restaurant
Method	POST
Path	admin/getAllRestaurantComments
Query Params	
Headers	
Content Type	application/json

Body	<code>{"idRestaurant": 3001}</code>
Successful Response Status	200 OK
Successful Response Body	<pre>[{ "mark": 2, "name": "Irfan Krijestorac", "insertTime": "2016-06-28 16:01:36", "comment": "Average food" }, { "mark": 3, "name": "Irfan Krijestorac", "insertTime": "2016-06-28 18:17:25", "comment": "I like to eat in this restaurant" }, { "mark": 4, "name": "Irfan Krijestorac", "insertTime": "2016-06-28 16:40:52", "comment": "Great restaurant" }]</pre>
Error Response Status	400 Bad Request

Error Response Body	
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Description	Get all categories of restaurant
Method	POST
Path	admin/getRestaurantCategories
Query Params	
Headers	
Content Type	application/json
Body	<code>{"id": 3001}</code>
Successful Response Status	200 OK
Successful Response Body	<pre>[{ "id": 3001, "name": "Vegetarian" }, { "id": 3002, "name": "American" }]</pre>

Error Response Status	400 Bad Request
Error Response Body	

Users

Description	Get list of users for administration
Method	POST
Path	admin/getFilteredUsers
Query Params	
Headers	
Content Type	application/json
Body	<code>{"itemsPerPage":6,"pageNumber":"1", "searchText": ""}</code>
Successful Response Status	200 OK

Successful Response Body	<pre>{ "users": [{ "id": 3000, "email": "irfankr91@gmail.com", "phone": "061506652", "country": "Bosnia and Herzegovina", "city": "Sarajevo", "firstName": "Irfan", "lastName": "Krijestorac" }], "numberOfPages": 1 }</pre>
Error Response Status	400 Bad Request
Error Response Body	

Description	Add user
Method	POST
Path	admin/addUser
Query Params	
Headers	
Content Type	application/json

Body	<code>{"email":"noviuser@gmail.com","firstName":"Novi","lastName":"Korisnik","phone":"13215156","country":"BiH","city":"Maglaj", "password":"10062016"}</code>
Successful Response Status	200 OK
Successful Response Body	<code>{ "id": 15, "email": "noviuser@gmail.com", "phone": "13215156", "country": "BiH", "city": "Maglaj", "firstName": "Novi", "lastName": "Korisnik" }</code>
Error Response Status	400 Bad Request
Error Response Body	<code>{"error": "User already exist!"}</code>

Description	Edit user
Method	POST

Path	admin/editUser
Query Params	
Headers	
Content Type	application/json
Body	{ "id":15, "email":"editovaninoviuser@gmail.com", "firstName":"Novi", "lastName":"Korisnik", "phone":"11061991", "country":"BiH", "city":"Maglaj", "password":"11061991"}
Successful Response Status	200 OK
Successful Response Body	{ "id": 15, "email": "editovaninoviuser@gmail.com", "phone": "11061991", "country": "BiH", "city": "Maglaj", "firstName": "Novi", "lastName": "Korisnik" }
Error Response Status	400 Bad Request

Error Response Body	<pre>{"error": "User doesn't exist!"}</pre>
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Description	Delete user
Method	POST
Path	admin/deleteUser
Query Params	
Headers	
Content Type	application/json
Body	<pre>{"id":15}</pre>
Successful Response Status	200 OK
Successful Response Body	

Error Response Status	400 Bad Request
Error Response Body	

Description	Get user details
Method	POST
Path	admin/getUserDetails
Query Params	
Headers	
Content Type	application/json
Body	{"id": 3000}
Successful Response Status	200 OK

Successful Response Body	<pre>{ "id": 3000, "email": "irfankr91@gmail.com", "phone": "061506652", "country": "Bosnia and Herzegovina", "city": "Sarajevo", "firstName": "Irfan", "lastName": "Krijestorac" }</pre>
Error Response Status	400 Bad Request
Error Response Body	

Tables

Description	Get all tables for restaurant
Method	POST
Path	admin/getAllRestaurantTables
Query Params	
Headers	
Content Type	application/json

Body	<code>{"idRestaurant": 3001}</code>
Successful Response Status	200 OK
Successful Response Body	[{ "id": 3007, "idRestaurant": 3001, "sittingPlaces": 4 }, ...]
Error Response Status	400 Bad Request
Error Response Body	

Description	Save changes on tables page for restaurant
Method	POST
Path	admin/adminTableItems

Query Params	
Headers	
Content Type	application/json
Body	<pre>{"addQueue":[{"sittingPlaces":"5","idRestaurant":"13","id":6112248}], "editQueue":[], "deleteQueue":[]}</pre>
Successful Response Status	200 OK
Successful Response Body	
Error Response Status	400 Bad Request
Error Response Body	

Menu

Description	Save changes on menu page for restaurant
Method	POST
Path	admin/adminMenuItems
Query Params	
Headers	
Content Type	application/json
Body	<p>#Example 1:</p> <pre>{"addQueue":[{"name":"Cevapi","description":"Sol, Meso, Luk","price":"3","type":"Breakfast","idRestaurant":"13","id":7393895}, {"name":"Sudzukice","description":"Mljeveno meso","price":"7","type":"Breakfast","idRestaurant":"13","id":5402317}], "editQueue":[], "deleteQueue":[]}</pre> <p>#Example 2:</p> <pre>{"addQueue":[], "editQueue":[], "deleteQueue":[{"id":19,"idRestaurant":13,"type":"Breakfast","name":"Sudzukice","price":7,"description":"Mljeveno meso"}]}</pre>
Successful Response Status	200 OK
Successful Response Body	<pre>{ "locations": [{ "id": 3001, "name": "New York" }, { "id": 3002, "name": "Chicago" }, ...]}</pre>

	<pre>"numberOfPages": 1 }</pre>
Error Response Status	400 Bad Request
Error Response Body	