# Notification Packages

## Notification Package Prices

### Request

GET <http://localhost:9081/rest/v1/notifications/prices>

### Response

Code 200

[

{

"countryNotificationPackageId": 21,

"channel": "EMAIL",

"amount": 1000,

"price": 1

},

{

"countryNotificationPackageId": 22,

"channel": "EMAIL",

"amount": 5000,

"price": 5

},

{

"countryNotificationPackageId": 23,

"channel": "EMAIL",

"amount": 10000,

"price": 10

},

{

"countryNotificationPackageId": 24,

"channel": "EMAIL",

"amount": 50000,

"price": 50

},

{

"countryNotificationPackageId": 17,

"channel": "SMS",

"amount": 1000,

"price": 1

},

{

"countryNotificationPackageId": 18,

"channel": "SMS",

"amount": 5000,

"price": 5

},

{

"countryNotificationPackageId": 19,

"channel": "SMS",

"amount": 10000,

"price": 10

},

{

"countryNotificationPackageId": 20,

"channel": "SMS",

"amount": 50000,

"price": 50

}

]

## Notification Balance

### Request

GET <http://localhost:9081/rest/v1/notifications/balances>

### Response

Code 200

{

"smsAmount": 26,

"emailAmount": 56

}

## Replenish Balance

### Request

POST <http://localhost:9081/rest/v1/notifications/balances>

{

"countryNotificationPackageId”: 5,

"packageAmount": 3

}

### Response

Code 200

{

"smsAmount": 30,

"emailAmount": 60

}

# City Details

## Request

GET <http://localhost:9081/rest/utils/v1/citydetails>

## Responce

Content-Type: application/json

{

"city": "Montreal",

"country": "Canada"

}

Default – Minsk, Belarus

# Country Timezone List

## Request

GET http://localhost:9081/rest/v1/ countries/timezones

Content-Type: application/json

[

{

"countryCode": "BLR",

"timezoneId": "Europe/Minsk"

},

{

"countryCode": "RUS",

"timezoneId": "Europe/Kaliningrad"

},

{

"countryCode": "RUS",

"timezoneId": "Europe/Moscow"

},

{

"countryCode": "RUS",

"timezoneId": "Europe/Samara"

},

{

"countryCode": "UKR",

"timezoneId": "Europe/Kiev"

}

…

]

## Response

Code 200

# Sign up

## Request

POST http://localhost:9081/rest/v1/signup

Content-Type: application/json

{

"companyName" : "company1",

"email":"email1@email.com",

"password":"passsword1",

"countryCode": "RUS",

"timezoneId": "Asia/Chita"

}

## Response

Code 200

# Company Activation

## Request

PUT http://localhost:9081/rest/v1/activation/{activationCode}

## Response

Code 200

{

"companyName": "company3",

"companyAddress1": "address1",

"companyAddress2": "",

"companyAddress3": "",

"defaultAddress": 1,

"companyEmail": "3@email.com",

"companyPhone1": "+375-29-111-11-13",

"companyPhone2": "",

"companyPhone3": "",

"defaultPhone": 1,

"countryCode": "RUS",

"timezoneId": "Asia/Chita"

"imageBase64": "",

"companyTimetables": [

{

"companyTimetableId": 43,

"startTimeMillis": 1545537600000,

"endTimeMillis": 1545591600000

},

{

"companyTimetableId": 44,

"startTimeMillis": 1545019200000,

"endTimeMillis": 1545073200000

},

{

"companyTimetableId": 45,

"startTimeMillis": 1545105600000,

"endTimeMillis": 1545159600000

},

{

"companyTimetableId": 46,

"startTimeMillis": 1545192000000,

"endTimeMillis": 1545246000000

},

{

"companyTimetableId": 47,

"startTimeMillis": 1545278400000,

"endTimeMillis": 1545332400000

},

{

"companyTimetableId": 48,

"startTimeMillis": 1545364800000,

"endTimeMillis": 1545418800000

},

{

"companyTimetableId": 49,

"startTimeMillis": 1545451200000,

"endTimeMillis": 1545505200000

}

],

"profile": {

"firstName": "company1",

"lastName": "company1",

"email": "email1@email.com",

"phone": "+375-29-100-00-01",

"roleId": 4,

"permissions": [

{

"permissionCode": 1

},

{

"permissionCode": 2

},

{

"permissionCode": 3

},

{

"permissionCode": 4

},

{

"permissionCode": 5

},

{

"permissionCode": 6

},

{

"permissionCode": 7

},

{

"permissionCode": 8

},

{

"permissionCode": 9

}

]

},

"menu": [

{

"id": "company\_menu\_id",

"translationKey": "menuitem.company"

},

{

"id": "calendar\_menu\_id",

"translationKey": "menuitem.calendar"

},

{

"id": "clients\_menu\_id",

"translationKey": "menuitem.clients"

},

{

"id": "staff\_menu\_id",

"translationKey": "menuitem.staff"

},

{

"id": "services\_menu\_id",

"translationKey": "menuitem.service"

},

{

"id": "email\_menu\_id",

"translationKey": "menuitem.email"

},

{

"id": "analytics\_menu\_id",

"translationKey": "menuitem.analytics"

},

{

"id": "booking\_menu\_id",

"translationKey": "menuitem.booking"

}

]

}

# Log In

## Request

PUT http://localhost:9081/rest/v1/login

Content-Type: application/json

{

"login" : "email1@email.com",

"password":"password"

}

## Response

Code 200

{

"companyName": "Mike's company",

"companyAddress1": "Minsk",

"companyAddress2": "Brest",

"companyAddress3": "Mogilev",

"defaultAddress": 2,

"companyEmail": "2@email.com",

"companyPhone1": "+375-29-111-11-11",

"companyPhone2": "+375-29-222-22-22",

"companyPhone3": "+375-29-333-33-33",

"defaultPhone": 2,

"countryCode": "RUS",

"timezoneId": "Asia/Chita"

"imageBase64": ""/9j/4QDhRXhpZgAASUkqAAgAAAAIABIBAwABAAAAAQAAA…"

"companyTimetables": [

{

"companyTimetableId": 49,

"startTimeMillis": 1545105600000,

"endTimeMillis": 1545152400000

},

{

"companyTimetableId": 50,

"startTimeMillis": 1545192000000,

"endTimeMillis": 1545238800000

},

{

"companyTimetableId": 51,

"startTimeMillis": 1545278400000,

"endTimeMillis": 1545325200000

},

{

"companyTimetableId": 52,

"startTimeMillis": 1545364800000,

"endTimeMillis": 1545411600000

},

{

"companyTimetableId": 53,

"startTimeMillis": 1545451200000,

"endTimeMillis": 1545498000000

},

{

"companyTimetableId": 47,

"startTimeMillis": 1545537600000,

"endTimeMillis": 1545584400000

},

{

"companyTimetableId": 48,

"startTimeMillis": 1545019200000,

"endTimeMillis": 1545066000000

}

],

"profile": {

“staffId” : 1,

"firstName": "companyName1",

"lastName": "companyName1",

"email": "admin@pam.by",

"phone": "+375-29-323-75-73",

"roleId": 4,

"permissions": [

{

"permissionCode": 1

},

{

"permissionCode": 2

},

{

"permissionCode": 3

},

{

"permissionCode": 4

},

{

"permissionCode": 5

},

{

"permissionCode": 6

},

{

"permissionCode": 7

},

{

"permissionCode": 8

},

{

"permissionCode": 9

}

]

},

"menu": [

{

"id": "company\_menu\_id",

"translationKey": "menuitem.company"

},

{

"id": "calendar\_menu\_id",

"translationKey": "menuitem.calendar"

},

{

"id": "clients\_menu\_id",

"translationKey": "menuitem.clients"

},

{

"id": "staff\_menu\_id",

"translationKey": "menuitem.staff"

},

{

"id": "services\_menu\_id",

"translationKey": "menuitem.service"

},

{

"id": "email\_menu\_id",

"translationKey": "menuitem.email"

},

{

"id": "analytics\_menu\_id",

"translationKey": "menuitem.analytics"

},

{

"id": "booking\_menu\_id",

"translationKey": "menuitem.booking"

}

]

}

Code 401

Wrong credentials

# Reset (forgot) password

## Request

PUT <http://localhost:9081/bookingshelf/rest/v1/resetpassword>

Content-Type: application/json

{

"email" : "company1@email.com"

}

## Response

Code 200

# Log Out

Request

PUT http://localhost:9081/rest/v1/logout

Response

Code 200

ok

Code 412

no login

# Menu

## Request

GET http://localhost:9081/rest/v1/menu

## Response

Code 200

[

{"id":"company\_menu\_id","translationKey":"menuitem.company"},

{"id":"calendar\_menu\_id","translationKey":"menuitem.calendar"},

{"id":"clients\_menu\_id","translationKey":"menuitem.clients"},

{"id":"staff\_menu\_id","translationKey":"menuitem.staff"},

{"id":"services\_menu\_id","translationKey":"menuitem.service"},

{"id":"email\_menu\_id","translationKey":"menuitem.email"},

{"id":"analytics\_menu\_id","translationKey":"menuitem.analytics"},

{"id":"booking\_menu\_id","translationKey":"menuitem.booking"}

]

# Staff

## Staff activation

### Request

PUT http://localhost:9081/rest/v1/staff/activation/{activationCode}

### Response

Code 200

{

"companyName": "Andrey's company PLUS",

"companyAddress1": "address1",

"companyAddress2": "",

"companyAddress3": "",

"defaultAddress": 1,

"companyEmail": "admin@hockey.by",

"companyPhone1": "",

"companyPhone2": "",

"companyPhone3": "",

"defaultPhone": 1,

"countryCode": "BLR",

"timezoneId": "Europe/Minsk",

"imageBase64": "",

"companyTimetables": [

{

"companyTimetableId": 1,

"startTimeMillis": 1549166400000,

"endTimeMillis": 1549220400000

},

{

"companyTimetableId": 2,

"startTimeMillis": 1548648000000,

"endTimeMillis": 1548702000000

},

{

"companyTimetableId": 3,

"startTimeMillis": 1548734400000,

"endTimeMillis": 1548788400000

},

{

"companyTimetableId": 4,

"startTimeMillis": 1548820800000,

"endTimeMillis": 1548874800000

},

{

"companyTimetableId": 5,

"startTimeMillis": 1548907200000,

"endTimeMillis": 1548961200000

},

{

"companyTimetableId": 6,

"startTimeMillis": 1548993600000,

"endTimeMillis": 1549047600000

},

{

"companyTimetableId": 7,

"startTimeMillis": 1549080000000,

"endTimeMillis": 1549134000000

},

{

"companyTimetableId": 8,

"startTimeMillis": 1549771200000,

"endTimeMillis": 1549825200000

},

{

"companyTimetableId": 9,

"startTimeMillis": 1549252800000,

"endTimeMillis": 1549306800000

},

{

"companyTimetableId": 10,

"startTimeMillis": 1549339200000,

"endTimeMillis": 1549393200000

},

{

"companyTimetableId": 11,

"startTimeMillis": 1549425600000,

"endTimeMillis": 1549479600000

},

{

"companyTimetableId": 12,

"startTimeMillis": 1549512000000,

"endTimeMillis": 1549566000000

},

{

"companyTimetableId": 13,

"startTimeMillis": 1549598400000,

"endTimeMillis": 1549652400000

},

{

"companyTimetableId": 14,

"startTimeMillis": 1549684800000,

"endTimeMillis": 1549738800000

}

],

"profile": {

"staffId": 9,

"firstName": "Имя",

"lastName": "Фамилия",

"email": "admin@hockey.by",

"phone": "",

"imageBase64": "",

"roleId": 1,

"permissions": [

{

"permissionCode": 1

}

]

},

"menu": [

{

"id": "calendar\_menu\_id",

"translationKey": "menuitem.calendar"

},

{

"id": "clients\_menu\_id",

"translationKey": "menuitem.clients"

},

{

"id": "staff\_menu\_id",

"translationKey": "menuitem.staff"

},

{

"id": "services\_menu\_id",

"translationKey": "menuitem.service"

},

{

"id": "email\_menu\_id",

"translationKey": "menuitem.email"

},

{

"id": "analytics\_menu\_id",

"translationKey": "menuitem.analytics"

},

{

"id": "booking\_menu\_id",

"translationKey": "menuitem.booking"

},

{

"id": "company\_menu\_id",

"translationKey": "menuitem.company"

}

]

}

## Staff List

### Request

GET http://localhost:9081/rest/v1/staffs

### Response

Code 200

[

{

"staffId": 37,

"firstName": "first name 6",

"lastName": "last name 6",

"email": "staff6@email.com",

"phone": "+375-29-111-11-06",

"roleId": 1,

"workStartMilis": 1533826681000,

"workEndMilis": 1533826681000,

"onlineBooking": true

}

]

//no staff found

Code 204

## Staff read

### Request

GET http://localhost:9081/rest/v1/staffs/{staffId}

### Response

code 200

{

"staffId":12,

"firstName":"first name 2 update1",

"lastName":"last name 2 update1",

"email":"staff2u1@email.com",

"phone":"+375-29-111-11-020",

"roleId":2,

"workStartMilis":1533826681000,

"workEndMilis":1533826681000,

"onlineBooking":true

}

//no staff found

Code 204

## Staff create

### Request

POST http://localhost:9081/rest/v1/staffs

Content-Type: application/json

{

"firstName": "first name 3",

"lastName": "last name 3",

"email": "staff3@email.com",

"phone": "+375-29-111-11-03",

"roleId": 1,

"workStartMilis": 1533826681000,

"workEndMilis": 1533826681000,

"onlineBooking": false,

"imageBase64":"/9j/4QDhRXhpZgAASU…",

"costaffs": [ {"staffId":55}]

}

### Response

Code 200

{"staffId": 13,

"firstName": "first name 3",

"lastName": "last name 3",

"email": "staff3@email.com",

"phone": "+375-29-111-11-03",

"roleId": 1,

"workStartMilis": 1533826681000,

"workEndMilis": 1533826681000,

"onlineBooking": false,

"imageBase64":"/9j/4QDhRXhpZgAASU…",

"costaffs": [ {"staffId":55}]

}

## Staff by Email create

### Request

POST http://localhost:9081/rest/v1/staffs/email

Content-Type: application/json

{

"email": "staff12@email.com"

}

### Response

Code 200

{

"staffId": 5,

"firstName": "Имя",

"lastName": "Фамилия",

"email": "staff12@email.com",

"roleId": 1,

"workStartMilis": 1549114419772,

"workEndMilis": 1864733619773,

"onlineBooking": false,

"imageBase64": ""

}

## Staff update

### Request

PUT http://localhost:9081/rest/v1/staffs

Content-Type: application/json

{

"staffId": 13,

"firstName": "first name 3",

"lastName": "last name 3",

"email": "staff3@email.com",

"phone": "+375-29-111-11-03",

"roleId": 1,

"workStartMilis": 1533826681000,

"workEndMilis": 1533826681000,

"onlineBooking": false,

"imageBase64":"/9j/4QDhRXhpZgAASU…",

"costaffs": [ {"staffId":55}]

}

### Response

Code 200

{

"staffId": 13,

"firstName": "first name 3",

"lastName": "last name 3",

"email": "staff3@email.com",

"phone": "+375-29-111-11-03",

"roleId": 1,

"workStartMilis": 1533826681000,

"workEndMilis": 1533826681000,

"onlineBooking": false,

"costaffs": [ {"staffId":55}]

}

## Staff patch (update partly)

### Request

PATCH http://localhost:9081/rest/v1/staffs

Content-Type: application/json

{

"staffId": 13,

"firstName": "first name 3",

"lastName": "last name 3",

"email": "staff3@email.com",

"phone": "+375-29-111-11-03",

"roleId": 1,

"workStartMilis": 1533826681000,

"workEndMilis": 1533826681000,

"onlineBooking": false,

"imageBase64":"/9j/4QDhRXhpZgAASU…",

"costaffs": [ {"staffId":55}]

}

### Response

Code 200

{

"staffId": 13,

"firstName": "first name 3",

"lastName": "last name 3",

"email": "staff3@email.com",

"phone": "+375-29-111-11-03",

"roleId": 1,

"workStartMilis": 1533826681000,

"workEndMilis": 1533826681000,

"onlineBooking": false,

"costaffs": [ {"staffId":55}]

}

## Staff delete

### Request

DELETE <http://localhost:9081/rest/v1/staffs/42>

### Response

Code 200

## Costaff Move

### Request

PUT <http://localhost:9081/rest/v1/staffs/1/costaffs/57>

### Response

Code 200

{

"staffId": 1,

"firstName": "First Name",

"lastName": "Last Name",

"email": "email1@gmail.com",

"phone": "+375-29-123-45-68",

"roleId": 4,

"workStartMilis": 1545839771000,

"workEndMilis": 1533826681000,

"onlineBooking": true,

"imageBase64": "",

"costaffs": [

{

"staffId": 57,

"imageBase64": ""

}

]

}

# Company Set Up

## Company Setup Update

### Request

PUT http://localhost:9081/rest/v1/company

Content-Type: application/json

{

"companyName": "company1",

"companyAddress1": "Minsk",

"companyAddress2": "Brest",

"companyAddress3": "Mogilev",

"defaultAddress": 2,

"companyEmail": "email1@email.com",

"companyPhone": "+375-29-100-00-01",

"workStartMilis": 1542465640000,

"workEndMilis": 1542465650000,

"companyPhone1": "+375-29-111-11-11",

"companyPhone2": "+375-29-111-11-12",

"companyPhone3": "+375-29-111-11-13",

"defaultAddress": 1,

"countryCode": "RUS",

"timezoneId": "Asia/Vladivostok",

"imageBase64": "",

"companyTimetables": [

{

"companyTimetableId": 8,

"startTimeMillis": 153600847111,

"endTimeMillis": 1536008480000

},

{

"companyTimetableId": 9,

"startTimeMillis": 1536008480000,

"endTimeMillis": 1536008492222

}

],

"imageBase64":"/9j/4QDhRXhpZgAASU…"

}

### Response

code 200

{

"companyName": "company1",

"companyAddress1": "Minsk",

"companyAddress2": "Brest",

"companyAddress3": "Mogilev",

"defaultAddress": 2,

"companyEmail": "email1@email.com",

"companyPhone": "+375-29-100-00-01",

"workStartMilis": 1542465640000,

"workEndMilis": 1542465650000,

"companyPhone1": "+375-29-111-11-11",

"companyPhone2": "+375-29-111-11-12",

"companyPhone3": "+375-29-111-11-13",

"defaultAddress": 1,

"companyTimetables": [

{

"companyTimetableId": 8,

"startTimeMillis": 153600847111,

"endTimeMillis": 1536008480000

},

{

"companyTimetableId": 9,

"startTimeMillis": 1536008480000,

"endTimeMillis": 1536008492222

}

],

"imageBase64":"/9j/4QDhRXhpZgAASU…"

}

## Company Setup Read

### Request

GET http://localhost:9081/rest/v1/company

### Response

Code 200

{

"companyName": "company1",

"companyAddress1": "Minsk",

"companyAddress2": "Brest",

"companyAddress3": "Mogilev",

"defaultAddress": 2,

"companyEmail": "email1@email.com",

"companyPhone": "+375-29-100-00-01",

"workStartMilis": 1542465640000,

"workEndMilis": 1542465650000,

"companyPhone1": "+375-29-111-11-11",

"companyPhone2": "+375-29-111-11-12",

"companyPhone3": "+375-29-111-11-13",

"defaultAddress": 1,

"countryCode": "RUS",

"timezoneId": "Asia/Vladivostok",

"imageBase64": "",

"imageBase64":"/9j/4QDhRXhpZgAASU…"

}

// without authentication

Code 204

No Content

# Company Timetable

## Company Timetable Create

### Request

POST <http://localhost:9081/rest/v1/company/timetables>

[

{

"startTimeMillis":1536008400000,

"endTimeMillis":1536008500000

},

{

"startTimeMillis":1536007400000,

"endTimeMillis":1536007500000

}

]

### Response

Code 200

[

{

"startTimeMillis":1536008400000,

"endTimeMillis":1536008500000

},

{

"startTimeMillis":1536007400000,

"endTimeMillis":1536007500000

}

]

## Company Timetable Update

### Request

PUT <http://localhost:9081/rest/v1/companys/timetables>

[

{

"companyTimetableId": 5,

"startTimeMillis": 1536008470000,

"endTimeMillis": 1536008480000

},

{

"companyTimetableId": 6,

"startTimeMillis": 1536008480000,

"endTimeMillis": 1536008490000

}

]

### Response

Code 200

[

{

"companyTimetableId": 5,

"startTimeMillis": 1536008470000,

"endTimeMillis": 1536008480000

},

{

"companyTimetableId": 6,

"startTimeMillis": 1536008480000,

"endTimeMillis": 1536008490000

}

]

Note. If CompanyTimetableId is absent, the instance will be created

## Company Timetable Read

### Request

GET <http://localhost:9081/rest/v1/company/timetables>

Note. dateFrom and dateTo are in milliseconds

### Response

Code 200

[

{

"companyTimetableId": 32,

"weekDay": 7,

"startTimeMillis": 1545019200000,

"endTimeMillis": 1545066000000

},

{

"companyTimetableId": 30,

"weekDay": 5,

"startTimeMillis": 1545019200000,

"endTimeMillis": 1545066000000

},

{

"companyTimetableId": 28,

"weekDay": 3,

"startTimeMillis": 1545019200000,

"endTimeMillis": 1545066000000

},

{

"companyTimetableId": 31,

"weekDay": 6,

"startTimeMillis": 1545019200000,

"endTimeMillis": 1545066000000

},

{

"companyTimetableId": 29,

"weekDay": 4,

"startTimeMillis": 1545019200000,

"endTimeMillis": 1545066000000

},

{

"companyTimetableId": 27,

"weekDay": 2,

"startTimeMillis": 1545019200000,

"endTimeMillis": 1545066000000

},

{

"companyTimetableId": 26,

"weekDay": 1,

"startTimeMillis": 1545019200000,

"endTimeMillis": 1545066000000

}

]

## Company Timetable Delete

### Request

DELETE <http://localhost:9081/rest/v1/company/>timetables/12

### Response

Code 200

## Company Timetables for Period Delete

### Request

DELETE <http://localhost:9081/rest/v1/company/timetables?dateFrom=1535922000000&dateTo=1536613140000>

### Response

Code 200

# Staff Timetable

## Staff Timetable Read

### Request

GET <http://localhost:9081/rest/v1/staffs/37/timetables?dateFrom=1535922000000&dateTo=1536526800000>

Note. dateFrom and dateTo are in milliseconds

### Response

Code 200

[

{

"staffTimetableId": 2,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1535922000000,

"repeat": "WEEKLY"

},

{

"staffTimetableId": 4,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1536008400000,

"repeat": "ONCE"

},

{

"staffTimetableId": 6,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1536008400000,

"repeat": "ONCE"

},

{

"staffTimetableId": 3,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1536008400000,

"repeat": "WEEKLY"

},

{

"staffTimetableId": 5,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1536008400000,

"repeat": "ONCE"

},

{

"staffTimetableId": 7,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1536008400000,

"repeat": "ONCE"

},

{

"staffTimetableId": 8,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1536008400000,

"repeat": "ONCE"

},

{

"staffTimetableId": 1,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1535922000000,

"repeat": "WEEKLY"

}

]

## Staff Timetable List by Staff

### Request

GET http://localhost:9081/rest/v1/staffs/timetables?dateFrom=1535922000000&dateTo=1536526800000

Note. dateFrom and dateTo are in milliseconds

### Response

Code 200

[

{

"staffId": 37,

"firstName": "first name 6",

"lastName": "last name 6",

"imageBase64": "",

"timetables": [

{

"staffTimetableId": 2,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1535922000000,

"repeat": "WEEKLY"

},

{

"staffTimetableId": 4,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1536008400000,

"repeat": "ONCE"

},

{

"staffTimetableId": 6,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1536008400000,

"repeat": "ONCE"

},

{

"staffTimetableId": 3,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1536008400000,

"repeat": "WEEKLY"

},

{

"staffTimetableId": 5,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1536008400000,

"repeat": "ONCE"

},

{

"staffTimetableId": 7,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1536008400000,

"repeat": "ONCE"

},

{

"staffTimetableId": 8,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1536008400000,

"repeat": "ONCE"

},

{

"staffTimetableId": 1,

"startTimeMillis": 1539963364000,

"endTimeMillis": 1535922000000,

"repeat": "WEEKLY"

}

]

}

]

## Staff Timetable Create

### Request

POST <http://localhost:9081/rest/v1/staffs/12/timetables>

[

{

"startTimeMillis":1536008400000,

"endTimeMillis":1536008400000,

"repeat" : "ONCE"

}

]

### Response

Code 200

[

{

"staffTimetableId": 11,

"startTimeMillis": 1536008400000,

"endTimeMillis": 1536008400000,

"repeat": "ONCE"

}

]

## Staff Timetable Update

### Request

PUT <http://localhost:9081/rest/v1/staffs/12/timetables>

[[

{

"startTimeMillis": 1536008400000,

"endTimeMillis": 1536008400000,

"repeat": "WEEKLY"

},

{

"staffTimetableId": 20,

"startTimeMillis": 1536008400000,

"endTimeMillis": 1536008400000,

"repeat": "ONCE"

}

]

### Response

Code 200

[

{

"staffTimetableId": 23,

"startTimeMillis": 1536008400000,

"endTimeMillis": 1536008400000,

"repeat": "WEEKLY"

},

{

"staffTimetableId": 20,

"startTimeMillis": 1536008400000,

"endTimeMillis": 1536008400000,

"repeat": "ONCE"

}

]

Note. If staffTimetableId is absent, the instance will be created

## Staff Timetable Delete

### Request

DELETE <http://localhost:9081/rest/v1/staffs/42>/timetables/1

### Response

Code 200

## Staff Timetables for Period Delete

### Request

DELETE <http://localhost:9081/rest/v1/staffs/42/timetables?dateFrom=1535922000000&dateTo=1536613140000>

### Response

Code 200

## Repeat Values

***ONCE***   
***WEEKLY***

# Company Closed Date

## Company Closed Date List

### Request

GET http://localhost:9081/rest/v1/closeddates

### Response

Code 200

[

[

{

"companyClosedDateId": 1,

"startDateMillis": 1537660800000,

"endDateMillis": 1537833600000,

"description": "pre-holiday days"

},

{

"companyClosedDateId": 2,

"startDateMillis": 1537660800000,

"endDateMillis": 1537833600000,

"description": "pre-holiday days"

}

]

//no closeddate found

Code null

## Company Closed Date Read

### Request

GET http://localhost:9081/rest/v1/closeddates/{companyClosedDateId}

### Response

code 200

{

"companyClosedDateId": 3,

"startDateMillis": 1537650000000,

"endDateMillis": 1537650000000,

"description": "pre-holiday days 34"

}

//no companyClosedDateId found

Code 204 No content

## Company Closed Date Create

### Request

POST http://localhost:9081/rest/v1/closeddates

Content-Type: application/json

{

"startDateMillis":"1537650000000",

"endDateMillis":"1537650000000",

"description":"pre-holiday days 23"

}

### Response

Code 200

{

"companyClosedDateId": 10,

"startDateMillis": 1537650000000,

"endDateMillis": 1537650000000,

"description": "pre-holiday days 23"

}

## Company Closed Date Update

### Request

PUT http://localhost:9081/rest/v1/closeddates

Content-Type: application/json

{

"companyClosedDateId": 5,

"startDateMillis":"1537650000000",

"endDateMillis":"1537650000000",

"description":"pre-holiday days 34"

}

### Response

Code 200

{

"companyClosedDateId": 5,

"startDateMillis": 1537650000000,

"endDateMillis": 1537650000000,

"description": "pre-holiday days 34"

}

## Company Closed Date Delete

### Request

DELETE http://localhost:9081/rest/v1/ closeddates/{companyClosedDateId}

Content-Type: application/json

### Response

Code 200

# Profile Set Up

## Profile Setup Read

### Request

GET http://localhost:9081/rest/v1/profile

### Response

Code 200

{

"firstName": "companyName2",

"lastName": "companyName2",

"email": "email1@email.com",

"phone": "+375-29-123-45-02",

"imageBase64": "/9j/4QDhRXhpZgAASUkqAAgAA

}

// without authorization

Code 204 No Content

## Profile Setup Update

### Request

PUT http://localhost:9081/rest/v1/profile

Content-Type: application/json

{

"firstName": "first name 1",

"lastName": "last name 1",

"email": "staff1@email.com",

"phone": "+375-29-111-11-01",

"imageBase64": "/9j/4QDhRXhpZgAASUkqAAgAA

"password":"password",

"newPassword":"password",

"newPasswordRepeat":"password"

}

### Response

Code 412 Precondition Failed

[{

"code": 3,

"messageKey": "validation.password.notfound"

}]

# Company Permissions

## Permissions list

### Request

GET http://localhost:9081/rest/v1/permissions

### Response

code 200

[

{

"roleCode": 1,

"permissions":

[{"permissionCode": 1}]

},

{

"roleCode": 2,

"permissions": [

{"permissionCode": 2},

{"permissionCode": 1},

{"permissionCode": 7},

{"permissionCode": 6},

{"permissionCode": 4}

]

},

{

"roleCode": 3,

"permissions": [

{"permissionCode": 3},

{"permissionCode": 2},

{"permissionCode": 1},

{"permissionCode": 9},

{"permissionCode": 8},

{"permissionCode": 7},

{"permissionCode": 6},

{"permissionCode": 4}

]

},

{

"roleCode": 4,

"permissions": [

{"permissionCode": 4},

{"permissionCode": 3},

{"permissionCode": 2},

{"permissionCode": 1},

{"permissionCode": 9},

{"permissionCode": 8},

{"permissionCode": 7},

{"permissionCode": 6},

{"permissionCode": 5}

]

}

]

## Permissions update

### Request

PUT http://localhost:9081/rest/v1/permissions

Content-Type: application/json

[

{"roleCode": 1,

"permissions": [

{"permissionCode": 1}

]

},

{"roleCode": 2,

"permissions": [

{"permissionCode": 4}

]

},

{"roleCode": 3,

"permissions": [

{"permissionCode": 1},

{"permissionCode": 4}

]

}

]

### Response

Code 200

[

{"roleCode": 1,

"permissions": [

{"permissionCode": 1}

]

},

{"roleCode": 2,

"permissions": [

{"permissionCode": 4}

]

},

{"roleCode": 3,

"permissions": [

{"permissionCode": 1},

{"permissionCode": 4}

]

}

]

### Role values:

LOW(1),

MEDIUM(2),

ADMIN(3),

OWNER(4); //permissions not updatable

### Permission values:

OWN\_CALENDAR(1),

OTHER\_STAFF\_CALENDAR(2),

SERVICES(3),

CLIENTS(4),

CLIENTS\_DOWNLOAD(5),

CLIENTS\_IMPORT(6),

EMAIL\_AND\_SMS(7),

ANALITICS(8),

ONLINE\_BOOKING(9);

# Service

## Service group

### Service group list

#### Request

GET http://localhost:9081/rest/v1/servicegroups

#### Response

Code 200

[

{

"serviceGroupId": 4,

"name": "service group 2",

"description": "service group 2 descr",

"color": "RED"

},

{

"serviceGroupId": 3,

"name": "service group 2",

"description": "service group 2 descr",

"color": "RED"

}

]

Code 204 No content

### Service Group Create

#### Request

POST http://localhost:9081/rest/v1/servicegroups

{

"name":"service group 1",

"description":"service group 1 descr",

"color": "RED",

"priority": 1

}

#### Response

Code 200

{

"serviceGroupId": 5,

"name": "service group 3",

"description": "service group 3 descr",

"color": "RED",

"priority": 1

}

### Service Group Read

#### Request

GET http://localhost:9081/rest/v1/servicegroups/3

#### Response

Code 200

{

"serviceGroupId": 3,

"name": "service group 2",

"description": "service group 2 descr",

"color": "RED",

"priority": 1

}

Code 204 No content

### Service Group Update

#### Request

PUT <http://localhost:9081/rest/v1/servicegroups>

{

"serviceGroupId": 3,

"name":"service group 3",

"description":"service group 3 descr",

"color": "YELLOW",

"priority": 2

}

#### Response

Code 200

{

"serviceGroupId": 3,

"name": "service group 3",

"description": "service group 3 descr",

"color": "YELLOW",

"priority": 2,

"services": [

{

"serviceId": 6,

"name": "service 6",

"details": "service 6 details",

"price": 10.99,

"duration": 60,

"specialPrice": 7.98,

"specialDescription": "sepecial description",

"currency": "BYN",

"onlineBooking": true,

"priority": 0,

"staffs": [

{

"staffId": 1,

"firstName": "Mike",

"lastName": "Romanovich"

},

{

"staffId": 11,

"firstName": "companyName1-1",

"lastName": "companyName1-1"

}

]

},

{

"serviceId": 13,

"name": "service 3",

"details": "service 2 details",

"price": 10.99,

"duration": 60,

"specialPrice": 7.98,

"specialDescription": "sepecial description",

"currency": "BYN",

"onlineBooking": true,

"priority": 0

}

]

}

### Service Group Delete

#### Request

DELETE <http://localhost:9081/rest/v1/servicegroups/2>

#### Response

Code 200

## Service

### Service List

#### Request

GET <http://localhost:9081/rest/v1/services>

#### Response

Code 200

[

{

"serviceId": 1,

"name": "Постриг",

"details": "Стрижка в барбершопе Новая",

"priceFrom": 19.99,

"priceTo": 29.99,

"duration": 60,

"specialPrice": 14.99,

"specialDescription": "special description",

"currency": "BYN",

"onlineBooking": true,

"priority": 0,

"staffs": [

{

"staffId": 1,

"imageBase64": ""

}

]

}

]

Note. Duration is in seconds

### Service List by Service Group

#### Request

GET <http://localhost:9081/rest/v1/servicegroups/3/services>

#### Response

Code 200

[

{

"service": {

"serviceId": 7,

"name": "service 2",

"details": "service 2 details",

"priceFrom": 10.99,

"priceTo": 15.99,"duration": 60,

"specialPrice": 7.98,

"specialDescription": "special description",

"currency": "BYN",

"onlineBooking": true,

"priority": 0,

},

"staffs": [

{

"staffId": 37,

"firstName": "first name 6",

"lastName": "last name 6"

}

]

}

]

Note. Duration is in seconds

Code 204 No content

### Service Read

#### Request

GET <http://localhost:9081/rest/v1/servicegroups/3/services>/5

#### Response

Code 200

{

"serviceId": 5,

"name": "service 3",

"details": "service 3 details",

"priceFrom": 10.99,

"priceTo": 15.99,"duration": 60,

"duration": 60,

"specialPrice": 7.98,

"specialDescription": "special description",

"currency": "BYN",

"onlineBooking": true,

"priority": 0,

"staffs": [

{

"staffId": 3,

"firstName": "companyName2",

"lastName": "companyName2"

}

]

}

Note. Duration is in seconds

### Service Create

#### Request

POST <http://localhost:9081/rest/v1/servicegroups/3/services>

{

"name": "service 3",

"details": "service 3 details",

"priceFrom": 10.99,

"priceTo": 15.99,

"duration": 60,

"specialPrice": 7.98,

"specialDescription": "sepecial description",

"currency": "BYN",

"onlineBooking": true,

"priority": 1,

"staffs": [ {"staffId": 1}, {"staffId": 8}]

}

Note. Duration is in seconds

#### Response

Code 200

{

"serviceId": 9,

"name": "service 5",

"details": "service 5 details",

"priceFrom": 10.99,

"priceTo": 15.99,

"duration": 60,

"specialPrice": 7.98,

"specialDescription": "sepecial description",

"currency": "BYN",

"onlineBooking": true,

"priority": 1,

"staffs": [

{

"staffId": 1,

"firstName": "pam+",

"lastName": "pam+"

},

{

"staffId": 8,

"firstName": "first name 4",

"lastName": "last name 4"

}

]

}

Note. Duration is in seconds

### Service Update

#### Request

PUT <http://localhost:9081/rest/v1/servicegroups/3/services>

{

"serviceId": 8,

"name": "service 4",

"details": "service 4 details",

"priceFrom": 10.99,

"priceTo": 15.99,

"duration": 60,

"specialPrice": 7.98,

"specialDescription": "sepecial description",

"currency": "BYN",

"onlineBooking": true,

"priority": 0,

"staffs": [

{

"staffId": 1

},

{

"staffId": 8

}

]

}

Note. Duration is in seconds

#### Response

Code 200

{

"serviceId": 8,

"name": "service 4",

"details": "service 4 details",

"priceFrom": 10.99,

"priceTo": 15.99,

"duration": 60,

"specialPrice": 7.98,

"specialDescription": "special description",

"currency": "BYN",

"onlineBooking": true,

"priority": 0,

"staffs": [

{

"staffId": 1,

"firstName": "pam+",

"lastName": "pam+"

},

{

"staffId": 8,

"firstName": "first name 4",

"lastName": "last name 4"

}

]

}

Note. Duration is in seconds

### Service Delete

#### Request

DELETE <http://localhost:9081/rest/v1/servicegroups/2>/services/5

#### Response

Code 200

## Color

YELLOW, GREEN, TURQUOISE, PURPLE, BLUE, RED, ORANGE, PINK, GREY, DARK\_BLUE

## Currency

BYN, USD, EUR, GBP, RUR, UAH

# Client

## Client List

### Request

GET http://localhost:9081/rest/v1/clients

### Response

Code 200

[

{

"clientId": 1,

"firstName": "Mike",

"lastName": "Romanovich",

"email": "mike@java.by",

"phone": "mike@java.by",

"country": "belarus",

"city": "minsk",

"province": "minskaya",

"acceptNewsletter": true

},

{

"clientId": 2,

"firstName": "Andrey",

"lastName": "Slesarchuk",

"email": "andrey@java.by",

"phone": "+375-29-323-75-73",

"country": "belarus",

"city": "minsk",

"province": "minskaya",

"acceptNewsletter": true

}

]

//no client found

Code null

## Client Read

### Request

GET http://localhost:9081/rest/v1/clients/{clientId}

### Response

code 200

{

"clientId": 1,

"firstName": "Mike",

"lastName": "Romanovich",

"email": "mike@java.by",

"phone": "mike@java.by",

"country": "belarus",

"city": "minsk",

"province": "minskaya",

"acceptNewsletter": true

}

//no client found

Code 204 No content

## Client Create

### Request

POST http://localhost:9081/rest/v1/clients

Content-Type: application/json

{

"clientId": 1,

"firstName": "Mike",

"lastName": "Romanovich",

"email": "mike@java.by",

"phone": "+375-29-609-41-08",

"country": "belarus",

"city": "minsk",

"province": "minskaya",

"acceptNewsletter": true

}

### Response

Code 200

{

"clientId": 1,

"firstName": "Mike",

"lastName": "Romanovich",

"email": "mike@java.by",

"phone": "+375-29-609-41-08",

"country": "belarus",

"city": "minsk",

"province": "minskaya",

"acceptNewsletter": true,

“appointments”:{}

}

## Client Update

### Request

PUT http://localhost:9081/rest/v1/clients

Content-Type: application/json

{

{

"clientId": 1,

"firstName": "Mike",

"lastName": "Romanovich",

"email": "mike@java.by",

"phone": "+375-11-111-11-11",

"country": "belarus",

"city": "minsk",

"province": "minskaya",

"acceptNewsletter": true

}

### Response

Code 200

{

"clientId": 1,

"firstName": "Mike",

"lastName": "Romanovich",

"email": "mike@java.by",

"phone": "+375-11-111-11-11",

"country": "belarus",

"city": "minsk",

"province": "minskaya",

"acceptNewsletter": true

}

//no client for update found

Code 500 message – “clientId = 11 not found”

## Client Delete

### Request

DELETE http://localhost:9081/rest/v1/ clients/{clientId}

Content-Type: application/json

### Response

Code 200 OK

# Client List to CSV file

## Request

GET http://localhost:9081/rest/v1/clients/download

*Note 00001 is a company booking page*

## Response

CSV File – clients.csv

# Online Booking

## Online Booking Read

### Request

GET http://localhost:9081/rest/v1/onlinebooking

### Response

Code 200

{

"bookingColor": 16777215,

"bookingButton": "1",

"bookingCode": "2",

"bookingPage": "3"

}

// without authorization

Code 204

No Content

## Online Booking Update

### Request

PUT http://localhost:9081/rest/v1/onlinebooking

Content-Type: application/json

{

"bookingColor": 16777215,

"bookingButton": "2",

"bookingCode": "5",

"bookingPage": "3"

}

### Response

Code 200

{

" {

"bookingColor": 16777215,

"bookingButton": "2",

"bookingCode": "2",

"bookingPage": "3"

}

# Messages

## Post messages

### Request

POST http://localhost:9081/rest/v1/messages

{

"channel": "SMS",

"toClients": true,

"toStaffs": true,

"serviceId":6,

"title": "title 1",

"description": "description 1"

}

### Response

Code 200

[

{

"target": "CLIENTS",

"notificationChannel": "SMS",

"recipient": "375291234567",

"success": true,

"message": "sent"

},

{

"target": "CLIENTS",

"notificationChannel": "SMS",

"recipient": "375291111101",

"success": true,

"message": "sent"

},

{

"target": "CLIENTS",

"notificationChannel": "SMS",

"recipient": "375296094109",

"success": true,

"message": "sent"

},

{

"target": "CLIENTS",

"notificationChannel": "SMS",

"recipient": "375296094108",

"success": true,

"message": "sent"

}

]

## Post Message Channel

SMS or EMAIL

# Notification

## Notifications Create

### Request

POST http://localhost:9081/rest/v1/notifications

Content-Type: application/json

{

"smsOn":true,

"emailOn":false,

"notifyBefore": 3600

}

### Response

Code 200

{

"smsOn":true,

"emailOn":false,

"notifyBefore": 3600

}

## Notification Read

### Request

GET http://localhost:9081/rest/v1/notifications/{notificationId}

### Response

code 200

{

"smsOn":true,

"emailOn":false,

"notifyBefore": 3600

}

//no notification found

Code 204 No Content

## Notification Update

### Request

PUT http://localhost:9081/rest/v1/notifications

Content-Type: application/json

{

"smsOn":true,

"emailOn":false,

"notifyBefore": 3600

}

### Response

Code 200

{

"smsOn":true,

"emailOn":false,

"notifyBefore": 3600

}

## Notification Delete

### Request

DELETE http://localhost:9081/rest/v1/ notifications

Content-Type: application/json

### Response

Code 200 OK

# Reserved Time

## Reserved Time Create

### Request

POST http://localhost:9081/rest/v1/staffs/{staffId}/reservedtimes

Content-Type: application/json

{

"startTimeMillis":"1537872222222",

"endTimeMillis": "1537882222222",

"description":"testing days 09/28/2048"

}

### Response

Code 200

{

"reservedTimeId": 7,

"startTimeMillis": 1537872222222,

"endTimeMillis": 1537882222222,

"description": "testing days 09/28/2048"

}

## Reserved Time List by Staff for the time period

### Request

GET <http://localhost:9081/rest/v1/reservedtimes/staffs?dateFrom=1&dateTo=1540128218518>

Note. dateFrom and dateTo are in milliseconds

### Response

[

{

"staff": {

"staffId": 3,

"firstName": "companyName2",

"lastName": "companyName2"

},

"reservedTimes": [

{

"reservedTimeId": 8,

"startTimeMillis": 1537872222000,

"endTimeMillis": 1537882222000,

"description": "testing days 09/28/2018"

},

{

"reservedTimeId": 1,

"startTimeMillis": 1538862222000,

"endTimeMillis": 1538872222000,

"description": "pre-holiday days 02/22/2019"

},

{

"reservedTimeId": 7,

"startTimeMillis": 1537872222000,

"endTimeMillis": 1537882222000,

"description": "testing days 09/28/2018"

}

]

},

{

"staff": {

"staffId": 6,

"firstName": "first name 4",

"lastName": "last name 4"

},

"reservedTimes": [

{

"reservedTimeId": 10,

"startTimeMillis": 1537872222000,

"endTimeMillis": 1537882222000,

"description": "testing days 09/28/2018"

},

{

"reservedTimeId": 9,

"startTimeMillis": 1537872222000,

"endTimeMillis": 1537882222000,

"description": "testing days 09/28/2018"

}

]

}

]

//no period found

Code 204 No content

## Reserved Time List by staffId

### Request

GET http://localhost:9081/rest/v1/staffs/{staffId}/reservedtimes

### Response

Code 200

[

{

"reservedTimeId": 6,

"startTimeMillis": 1537760000000,

"endTimeMillis": 1537762222000,

"description": "testing days 02/22/2049"

},

{

"reservedTimeId": 1,

"startTimeMillis": 1538862222000,

"endTimeMillis": 1538872222000,

"description": "pre-holiday days 02/22/2049"

},

{

"reservedTimeId": 7,

"startTimeMillis": 1537872222000,

"endTimeMillis": 1537882222000,

"description": "testing days 09/28/2048"

}

]

//no staffId found

Code 500 Internal Server Error

{

"message": "staffId = 11 not found"

}

## Reserved Time by reservedTimeId

### Request

GET http://localhost:9081/rest/v1/staffs/{staffId}/reservedtimes/{reservedTimeId}

### Response

code 200

{

"reservedTimeId": 1,

"startTimeMillis": 1537760000000,

"endTimeMillis": 1537770000000,

"description": "pre-holiday days 07/10/2048"

}

//no reservedTimeId found

Code 204 No Content

## Reserved Time Update

### Request

PUT http://localhost:9081/rest/v1/staffs/{staffId}/reservedtimes

Content-Type: application/json

{

"reservedTimeId": 1,

"startTimeMillis": 1538860000000,

"endTimeMillis": 1538870000000,

"description": "pre-holiday days 02/11/2048"

}

### Response

Code 200

{

"reservedTimeId": 1,

"startTimeMillis": 1538860000000,

"endTimeMillis": 1538870000000,

"description": "pre-holiday days 02/11/2049"

}

//no ReservedTimeId for update found

Code 500 message – “reservedTimeId = 15 not found”

## Reserved Time Delete

### Request

DELETE http://localhost:9081/rest/v1/staffs/{staffId}/reservedtimes/{reservedTimeId}

Content-Type: application/json

### Response

Code 200 OK

//no reservedTime for delete found

Code 500 message – “ReservedTimeId = 6 not found”

# Appointment

## Appointment Create

### Request

POST http://localhost:9081/rest/v1/ services/{serviceId}/staffs/{staffId}/clients/{clientId}/appointments

Content-Type: application/json

{

"appointmentTimeMillis":1539777755555,

"duration": "2400",

"description":"9 record"

}

Note. Duration is in seconds

### Response

Code 200

{

"appointmentId": 12,

"customId": "Id0PMHbKIZE8DbXbjYXeExvsMz2hCJ11",

"appointmentTimeMillis": 12345,

"duration": 600,

"description": "description 1",

"approved": false,

"serviceId": 6,

"serviceName": "service 6",

"color": "YELLOW",

"staffId": 1,

"staffName": "Mike Romanovich",

"clientId": 3,

"clientName": "client first name 3 client last name 3",

"online": false

}

Note. Duration is in seconds

## Appointment List by Staff for time period

### Request

GET <http://localhost:9081/rest/v1/appointments/staffs?dateFrom=1&dateTo=1540128218518>

Note. dateFrom and dateTo are in milliseconds

### Response

code 200

[

{

"staff": {

"staffId": 1,

"firstName": "Mike",

"lastName": "Romanovich"

},

"appointments": [

{

"appointmentId": 3,

"customId": "visit3",

"appointmentTimeMillis": 1542844812000,

"duration": 600,

"description": "description 1",

"approved": false,

"serviceId": 6,

"serviceName": "service 6",

"color": "YELLOW",

"clientId": 1,

"clientName": "first name client 1 last name client 1",

"online": false

},

{

"appointmentId": 4,

"customId": "visit4",

"appointmentTimeMillis": 1542844812000,

"duration": 600,

"description": "description 1",

"approved": false,

"serviceId": 6,

"serviceName": "service 6",

"color": "YELLOW",

"clientId": 1,

"clientName": "first name client 1 last name client 1",

"online": false

},

{

"appointmentId": 2,

"customId": "visit2",

"appointmentTimeMillis": 1542844812000,

"duration": 600,

"description": "",

"approved": false,

"serviceId": 6,

"serviceName": "service 6",

"color": "YELLOW",

"clientId": 1,

"clientName": "first name client 1 last name client 1",

"online": false

},

{

"appointmentId": 11,

"customId": "21ZExb5rzvItG3DRgWRl8FaFqHuXz0GV",

"appointmentTimeMillis": 12000,

"duration": 600,

"description": "description 1",

"approved": false,

"serviceId": 6,

"serviceName": "service 6",

"color": "YELLOW",

"clientId": 1,

"clientName": "first name client 1 last name client 1",

"online": false

}

]

},

{

"staff": {

"staffId": 11,

"firstName": "companyName1-1",

"lastName": "companyName1-1"

},

"appointments": [

{

"appointmentId": 5,

"customId": "visit5",

"appointmentTimeMillis": 12000,

"duration": 600,

"description": "description 1",

"approved": false,

"serviceId": 6,

"serviceName": "service 6",

"color": "YELLOW",

"clientId": 3,

"clientName": "client first name 3 client last name 3",

"online": false

},

{

"appointmentId": 10,

"customId": "s8BnmVMZyYlz6clO09TBPboCROw1RgBy",

"appointmentTimeMillis": 1543168800000,

"duration": 600,

"description": "description 1",

"approved": false,

"serviceId": 6,

"serviceName": "service 6",

"color": "YELLOW",

"clientId": 4,

"clientName": "Client 3 Client 3",

"online": true

},

{

"appointmentId": 6,

"customId": "visit6",

"appointmentTimeMillis": 1542906000000,

"duration": 600,

"description": "description 1",

"approved": false,

"serviceId": 6,

"serviceName": "service 6",

"color": "YELLOW",

"clientId": 3,

"clientName": "client first name 3 client last name 3",

"online": false

},

{

"appointmentId": 9,

"customId": "tFbR6izId9FUYi4Om5femtT7Bn8n8bdX",

"appointmentTimeMillis": 1542906000000,

"duration": 600,

"description": "description 1",

"approved": false,

"serviceId": 6,

"serviceName": "service 6",

"color": "YELLOW",

"clientId": 4,

"clientName": "Client 3 Client 3",

"online": true

},

{

"appointmentId": 8,

"customId": "visit8",

"appointmentTimeMillis": 1542906000000,

"duration": 600,

"description": "description 1",

"approved": false,

"serviceId": 6,

"serviceName": "service 6",

"color": "YELLOW",

"clientId": 4,

"clientName": "Client 3 Client 3",

"online": false

},

{

"appointmentId": 7,

"customId": "visit7",

"appointmentTimeMillis": 1542906000000,

"duration": 600,

"description": "description 1",

"approved": false,

"serviceId": 6,

"serviceName": "service 6",

"color": "YELLOW",

"clientId": 4,

"clientName": "Client 3 Client 3",

"online": false

}

]

}

]

Note. Duration is in seconds

//no Appointment found

Code 204 No content

## Appointment List by Client for time period

### Request

GET <http://localhost:9081/rest/v1/appointments/clients?dateFrom=1&dateTo=1540128218518>

Note. dateFrom and dateTo are in milliseconds

### Response

code 200

[

{

"clientId": 1,

"firstName": "first name client 1",

"lastName": "last name client 1",

"email": "clinet1@email.com",

"phone": "+375-29-111-11-01",

"appointments": [

{

"appointmentId": 11,

"customId": "21ZExb5rzvItG3DRgWRl8FaFqHuXz0GV",

"appointmentTimeMillis": 12000,

"duration": 600,

"description": "description 1",

"approved": false,

"serviceId": 6,

"serviceName": "service 6",

"color": "YELLOW",

"staffId": 1,

"staffName": "Mike Romanovich",

"online": false,

"price": 10.99

}

]

},

{

"clientId": 2,

"firstName": "first name client 2",

"lastName": "last name client 2",

"email": "client2@email.com",

"phone": "+375-29-111-11-02",

"appointments": []

},

{

"clientId": 4,

"firstName": "Client 3",

"lastName": "Client 3",

"email": "client3@email.com",

"phone": "+375-296094109",

"appointments": []

},

{

"clientId": 3,

"firstName": "client first name 3",

"lastName": "client last name 3",

"email": "mike.romanovich@gmail.com",

"phone": "+375-296094108",

"appointments": [

{

"appointmentId": 15,

"customId": "YuFjmhXKl6iw5hTX0dA9BxIuTqjFoTF9",

"appointmentTimeMillis": 2000,

"duration": 600,

"description": "description 2",

"approved": false,

"serviceId": 6,

"serviceName": "service 6",

"color": "YELLOW",

"staffId": 1,

"staffName": "Mike Romanovich",

"online": false,

"price": 10.99

},

{

"appointmentId": 14,

"customId": "scmNkiZFUHELM2aCsUSxpOion3Mj6f45",

"appointmentTimeMillis": 12000,

"duration": 600,

"description": "",

"approved": true,

"serviceId": 6,

"serviceName": "service 6",

"color": "YELLOW",

"staffId": 1,

"staffName": "Mike Romanovich",

"online": false,

"price": 10.99

},

{

"appointmentId": 5,

"customId": "visit5",

"appointmentTimeMillis": 12000,

"duration": 600,

"description": "description 1",

"approved": false,

"serviceId": 6,

"serviceName": "service 6",

"color": "YELLOW",

"staffId": 11,

"staffName": "companyName1-1 companyName1-1",

"online": false,

"price": 10.99

}

]

}

]

Note. Duration is in seconds

//no Appointment found

Code 204 No content

## Appointment by appointmentId

### Request

GET http://localhost:9081/rest/v1/appointments/{appointmentId}

### Response

code 200

{

"appointmentId": 12,

"customId": "",

"appointmentTimeMillis": 1542482476000,

"duration": 1200,

"description": "",

"approved": true,

"serviceId": 14,

"serviceName": "service 4",

"color": "YELLOW",

"staffId": 44,

"staffName": "company name 52 company name 52",

"clientId": 3,

"clientName": "client first name 3 client last name 3",

"online": false

}

Note. Duration is in seconds

//no Appointment found

Code 500 Internal Server Error

"appointmentId = 11 not found"

## Appointment by Service

### Request

GET http://localhost:9081/rest/v1/service/{serviceId}/appointments

### Response

code 200

[

{

"appointmentId": 12,

"customId": "",

"appointmentTimeMillis": 1542482476000,

"duration": 1200,

"description": "",

"approved": true,

"serviceId": 14,

"serviceName": "service 4",

"color": "YELLOW",

"staffId": 44,

"staffName": "company name 52 company name 52",

"clientId": 3,

"clientName": "client first name 3 client last name 3",

"online": false

}

]

Note. Duration is in seconds

//no Appointment found

Code 204 No content

//no Service found

Code 500 Internal Server Error

"serviceId = 11 not found"

## Appointment by Staff

### Request

GET [http://localhost:9081/rest/v1/staffs/{staffId}/appointments](http://localhost:9081/rest/v1/staffs/%7bstaffId%7d/appointments)[?dateFrom=1&dateTo=1540128218518](http://localhost:9081/rest/v1/appointments/staffs?dateFrom=1&dateTo=1540128218518)

Note. dateFrom and dateTo are in milliseconds

### Response

code 200

[

{

"appointmentId": 12,

"customId": "",

"appointmentTimeMillis": 1542482476000,

"duration": 1200,

"description": "",

"approved": true,

"serviceId": 14,

"serviceName": "service 4",

"color": "YELLOW",

"staffId": 44,

"staffName": "company name 52 company name 52",

"clientId": 3,

"clientName": "client first name 3 client last name 3",

"online": false

}

]

Note. Duration is in seconds

//no Appointment found

Code 204 No Content

//no Staff found

Internal Server Error

"staffId = 11 not found"

## Appointment by Client

### Request

GET [http://localhost:9081/rest/v1/clients/{clientId}/appointments](http://localhost:9081/rest/v1/clients/%7bclientId%7d/appointments)[?dateFrom=1&dateTo=1540128218518](http://localhost:9081/rest/v1/appointments/staffs?dateFrom=1&dateTo=1540128218518)

Note. dateFrom and dateTo are in milliseconds

### Response

code 200

[

{

"appointmentId": 12,

"customId": "",

"appointmentTimeMillis": 1542482476000,

"duration": 1200,

"description": "",

"approved": true,

"serviceId": 14,

"serviceName": "service 4",

"color": "YELLOW",

"staffId": 44,

"staffName": "company name 52 company name 52",

"clientId": 3,

"clientName": "client first name 3 client last name 3",

"online": false

}

]

Note. Duration is in seconds

//no Appointment found

Code 204 No Content

//no Staff found

Internal Server Error

"clientId = 11 not found"

## Appointment by Service and Staff

### Request

GET http://localhost:9081/rest/v1/services/{servicesId}/staffs/{staffId}/appointments

### Response

code 200

[

{

"appointmentId": 12,

"customId": "",

"appointmentTimeMillis": 1542482476000,

"duration": 1200,

"description": "",

"approved": true,

"serviceId": 14,

"serviceName": "service 4",

"color": "YELLOW",

"staffId": 44,

"staffName": "company name 52 company name 52",

"clientId": 3,

"clientName": "client first name 3 client last name 3",

"online": false

},

]

Note. Duration is in seconds

//no Appointment found

Code 204 No content

//no Services found

Code 500 Internal Server Error

"servicesId = 11 not found"

//no Staff found

Code 500 Internal Server Error

"staffId = 11 not found"

## Appointment Update

### Request

PUT http://localhost:9081/rest/v1/appointments

Content-Type: application/json

{

"appointmentId": 1,

"appointmentTimeMillis": 1542482475885,

"duration": 1200,

"description": "description 2",

"serviceId": 14,

"staffId": 44,

"clientId": 3

}

Note. Duration is in seconds

### Response

Code 200

{

"appointmentId": 12,

"customId": "",

"appointmentTimeMillis": 1542482476000,

"duration": 1200,

"description": "",

"approved": true,

"serviceId": 14,

"serviceName": "service 4",

"color": "YELLOW",

"staffId": 44,

"staffName": "company name 52 company name 52",

"clientId": 3,

"clientName": "client first name 3 client last name 3",

"online": false

}

Note. Duration is in seconds

//no appointment for update found

Code 500 message – “appointmentId = 11 not found”

## Appointment Delete

### Request

DELETE http://localhost:9081/rest/v1/ appointments/{appointmentId}

Content-Type: application/json

### Response

Code 200 OK

//no client for delete found

Code 500 message – “appointmentId = 11 not found”

## Appointment Approved Update

### Request

PATCH http://localhost:9081/rest/v1/appointments/{appointmentId}

Content-Type: application/json

{

"approved": true

}

### Response

Code 200

{

"appointmentId": 12,

"customId": "",

"appointmentTimeMillis": 1542482476000,

"duration": 1200,

"description": "",

"approved": true,

"serviceId": 14,

"serviceName": "service 4",

"color": "YELLOW",

"staffId": 44,

"staffName": "company name 52 company name 52",

"clientId": 3,

"clientName": "client first name 3 client last name 3",

"online": false

}

Note. Duration is in seconds

//no appointment for patch found

Code 500 message – “appointmentId = 11 not found”

# Appointment Count

## Appointment Count by Staff

### Request

http://localhost:9081/rest/v1/staffs/1/appointments/count/{approved}?dateFrom=1&dateTo=1543251474403

Note. dateFrom and dateTo are in milliseconds, approved = true or false

### Response

Code 200

{

"count": 2

}

## Appointment Count by Company

### Request

http://localhost:9081/rest/v1/appointments/count/{approved}?dateFrom=1&dateTo=1543251474403

Note. dateFrom and dateTo are in milliseconds, approved = true or false

### Response

Code 200

{

"count": 10

}

# Available Time

## Available Time by Staff

### Request

GET <http://localhost:9081/rest/v1/staffs/1/availabletimes?dateFrom=1544500800000&dateTo=1545422400000>

Note. dateFrom and dateTo are in milliseconds

### Response

Code 200

{

"staffId": 1,

"firstName": "Mike",

"lastName": "Romanovich",

"imageBase64": "",

"availableDays": [

{

"dayMillis": 1544475600000,

"availableTimes": [

{

"startTimeMillis": 1544500800000,

"endTimeMillis": 1544515200000

}

]

},

{

"dayMillis": 1544994000000,

"availableTimes": [

{

"startTimeMillis": 1545019200000,

"endTimeMillis": 1545022800000

},

{

"startTimeMillis": 1545023400000,

"endTimeMillis": 1545026400000

},

{

"startTimeMillis": 1545027000000,

"endTimeMillis": 1545030000000

},

{

"startTimeMillis": 1545030600000,

"endTimeMillis": 1545037200000

},

{

"startTimeMillis": 1545040800000,

"endTimeMillis": 1545055200000

},

{

"startTimeMillis": 1545058800000,

"endTimeMillis": 1545062400000

},

{

"startTimeMillis": 1545066000000,

"endTimeMillis": 1545073200000

}

]

},

{

"dayMillis": 1545080400000,

"availableTimes": [

{

"startTimeMillis": 1545105600000,

"endTimeMillis": 1545120000000

}

]

}

]

}

## Available Time by Staffs

### Request

GET <http://localhost:9081/rest/v1/staffs/availabletimes?dateFrom=1544500800000&dateTo=1545422400000>

Note. dateFrom and dateTo are in milliseconds

### Response

Code 200

[

{

"staffId": 1,

"firstName": "Mike",

"lastName": "Romanovich",

"imageBase64": "",

"availableDays": [

{

"dayMillis": 1544475600000,

"availableTimes": [

{

"startTimeMillis": 1544500800000,

"endTimeMillis": 1544515200000

}

]

},

{

"dayMillis": 1544994000000,

"availableTimes": [

{

"startTimeMillis": 1545019200000,

"endTimeMillis": 1545022800000

},

{

"startTimeMillis": 1545023400000,

"endTimeMillis": 1545026400000

},

{

"startTimeMillis": 1545027000000,

"endTimeMillis": 1545030000000

},

{

"startTimeMillis": 1545030600000,

"endTimeMillis": 1545037200000

},

{

"startTimeMillis": 1545040800000,

"endTimeMillis": 1545055200000

},

{

"startTimeMillis": 1545058800000,

"endTimeMillis": 1545062400000

},

{

"startTimeMillis": 1545066000000,

"endTimeMillis": 1545073200000

}

]

},

{

"dayMillis": 1545080400000,

"availableTimes": [

{

"startTimeMillis": 1545105600000,

"endTimeMillis": 1545120000000

}

]

}

]

},

{

"staffId": 11,

"firstName": "companyName1-1",

"lastName": "companyName1-1",

"availableDays": []

},

{

"staffId": 12,

"firstName": "first name 2 update2",

"lastName": "last name 2 update2",

"availableDays": []

},

{

"staffId": 33,

"firstName": "first name 4",

"lastName": "last name 4",

"availableDays": []

},

{

"staffId": 43,

"firstName": "first name 8",

"lastName": "last name 8",

"availableDays": []

},

{

"staffId": 45,

"firstName": "first name 11",

"lastName": "last name 11",

"availableDays": []

},

{

"staffId": 46,

"firstName": "first name 12",

"lastName": "last name 12",

"availableDays": []

},

{

"staffId": 51,

"firstName": "petrosianp158@gmail.com",

"lastName": "petrosianp158@gmail.com",

"availableDays": []

}

]