

MakeUp Salon API

The “MakeUp Salon” API is a digital gateway to a world of beauty services. It’s designed to streamline appointments, showcase services, and manage client interactions with ease. Tailored for convenience, it connects users to their next beauty adventure with just a few clicks.

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Access

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AppointmentController

POST /api/appointments

Create a new Appointment (**addAppointment**)

Creates a new appointment

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [AppointmentRequestDto](#) (required)

Body Parameter —

Return type

[AppointmentDto](#)

Example data

Content-Type: application/json

```
{
  "approvalStatus" : "APPROVED",
  "startDateTime" : "2000-01-23T04:56:07.000+00:00",
  "dateCreated" : "2000-01-23T04:56:07.000+00:00",
  "appointmentID" : 0,
  "appointmentEmployeeTreatments" : [ {
    "appointment" : {
      "approvalStatus" : "APPROVED",
      "startDateTime" : "2000-01-23T04:56:07.000+00:00",
      "dateCreated" : "2000-01-23T04:56:07.000+00:00",
      "appointmentID" : 7,
      "endDateTime" : "2000-01-23T04:56:07.000+00:00"
    },
    "employeeTreatment" : {
      "treatment" : {
        "price" : 2.3021358869347655,
        "pictureURL" : "pictureURL",
        "name" : "name",
        "description" : "description",
        "estimatedDuration" : 5,
        "treatmentID" : 5
      },
      "employeeTreatmentsID" : 6,
      "employee" : {
        "firstName" : "firstName",
        "lastName" : "lastName",
        "password" : "password",
        "phoneNumber" : "phoneNumber",
        "address" : "address",
        "role" : "Admin",
        "pictureURL" : "pictureURL",
        "dateOfBirth" : "2000-01-23",
        "userId" : 1,
        "email" : "email",
        "username" : "username"
      }
    },
    "appointmentEmployeeTreatmentsID" : 6
  }, {
    "appointment" : {
      "approvalStatus" : "APPROVED",
```

```

    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"
  },
  "employeeTreatment" : {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  },
  "appointmentEmployeeTreatmentsID" : 6
} ],
"endDateTime" : "2000-01-23T04:56:07.000+00:00",
"customer" : {
  "firstName" : "firstName",
  "lastName" : "lastName",
  "password" : "password",
  "phoneNumber" : "phoneNumber",
  "address" : "address",
  "role" : "Admin",
  "pictureURL" : "pictureURL",
  "dateOfBirth" : "2000-01-23",
  "userId" : 1,
  "email" : "email",
  "username" : "username"
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Appointment created [AppointmentDto](#)

400

Bad request

DELETE /api/appointments/{id}

Up

Delete Appointment by ID (`deleteAppointment`)

Deletes an appointment by its id

Path parameters

id (required)

Path Parameter — The id of the appointment format: int32

Return type

Object

Example data

Content-Type: application/json

```
{ }
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Appointment successfully deleted [Object](#)

404

Appointment not found

[Up](#)

GET /api/appointments

Find all Appointments (**getAllAppointments**)

Retrieves a comprehensive list of appointments

Return type

array[[AppointmentDto](#)]

Example data

Content-Type: application/json

```
[ {
  "approvalStatus" : "APPROVED",
  "startDateTime" : "2000-01-23T04:56:07.000+00:00",
  "dateCreated" : "2000-01-23T04:56:07.000+00:00",
  "appointmentID" : 0,
  "appointmentEmployeeTreatments" : [ {
    "appointment" : {
      "approvalStatus" : "APPROVED",
      "startDateTime" : "2000-01-23T04:56:07.000+00:00",
      "dateCreated" : "2000-01-23T04:56:07.000+00:00",
      "appointmentID" : 7,
      "endDateTime" : "2000-01-23T04:56:07.000+00:00"
    },
    "employeeTreatment" : {
      "treatment" : {
        "price" : 2.3021358869347655,
        "pictureURL" : "pictureURL",
        "name" : "name",
        "description" : "description",
        "estimatedDuration" : 5,
        "treatmentID" : 5
      }
    }
  } ],
}
```

```

    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  },
  "appointmentEmployeeTreatmentsID" : 6
}, {
  "appointment" : {
    "approvalStatus" : "APPROVED",
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"
  },
  "employeeTreatment" : {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  },
  "appointmentEmployeeTreatmentsID" : 6
} ],
"endDateTime" : "2000-01-23T04:56:07.000+00:00",
"customer" : {
  "firstName" : "firstName",
  "lastName" : "lastName",
  "password" : "password",
  "phoneNumber" : "phoneNumber",
  "address" : "address",
  "role" : "Admin",
  "pictureURL" : "pictureURL",
  "dateOfBirth" : "2000-01-23",
  "userId" : 1,
  "email" : "email",
  "username" : "username"
}
}, {

```

```

"approvalStatus" : "APPROVED",
"startTime" : "2000-01-23T04:56:07.000+00:00",
"dateCreated" : "2000-01-23T04:56:07.000+00:00",
"appointmentID" : 0,
"appointmentEmployeeTreatments" : [ {
  "appointment" : {
    "approvalStatus" : "APPROVED",
    "startTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endTime" : "2000-01-23T04:56:07.000+00:00"
  },
  "employeeTreatment" : {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  },
  "appointmentEmployeeTreatmentsID" : 6
}, {
  "appointment" : {
    "approvalStatus" : "APPROVED",
    "startTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endTime" : "2000-01-23T04:56:07.000+00:00"
  },
  "employeeTreatment" : {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,

```

```

        "email" : "email",
        "username" : "username"
    }
},
"appointmentEmployeeTreatmentsID" : 6
} ],
"endDateTime" : "2000-01-23T04:56:07.000+00:00",
"customer" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
}
} ]

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Appointments found

404

Appointments not found

GET /api/appointments/{id}

[Up](#)

Find Appointment by ID (**getAppointmentById**)

Retrieves an appointment by its id

Path parameters

id (required)

Path Parameter – The id of the appointment format: int32

Return type

[AppointmentDto](#)

Example data

Content-Type: application/json

```

{
  "approvalStatus" : "APPROVED",
  "startDateTime" : "2000-01-23T04:56:07.000+00:00",
  "dateCreated" : "2000-01-23T04:56:07.000+00:00",
  "appointmentID" : 0,
  "appointmentEmployeeTreatments" : [ {
    "appointment" : {
      "approvalStatus" : "APPROVED",
      "startDateTime" : "2000-01-23T04:56:07.000+00:00",
      "dateCreated" : "2000-01-23T04:56:07.000+00:00",
      "appointmentID" : 7,

```

```
"endTime" : "2000-01-23T04:56:07.000+00:00"
},
"employeeTreatment" : {
  "treatment" : {
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
},
"appointmentEmployeeTreatmentsID" : 6
}, {
  "appointment" : {
    "approvalStatus" : "APPROVED",
    "startTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endTime" : "2000-01-23T04:56:07.000+00:00"
  },
  "employeeTreatment" : {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  },
  "appointmentEmployeeTreatmentsID" : 6
} ],
"endTime" : "2000-01-23T04:56:07.000+00:00",
"customer" : {
  "firstName" : "firstName",
  "lastName" : "lastName",
```



```
{
  "password" : "password",
  "phoneNumber" : "phoneNumber",
  "address" : "address",
  "role" : "Admin",
  "pictureURL" : "pictureURL",
  "dateOfBirth" : "2000-01-23",
  "userId" : 1,
  "email" : "email",
  "username" : "username"
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Appointment found [AppointmentDto](#)

404

Appointment not found

PUT /api/appointments/{id}

[Up](#)

Update Appointment by ID (**updateAppointment**)

Update an appointment details by its id

Path parameters

id (required)

Path Parameter – The id of the appointment format: int32

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [AppointmentRequestDto](#) (required)

Body Parameter –

Return type

[AppointmentDto](#)

Example data

Content-Type: application/json

```
{
  "approvalStatus" : "APPROVED",
  "startDateTime" : "2000-01-23T04:56:07.000+00:00",
  "dateCreated" : "2000-01-23T04:56:07.000+00:00",
  "appointmentID" : 0,
  "appointmentEmployeeTreatments" : [ {
    "appointment" : {
      "approvalStatus" : "APPROVED",
      "startDateTime" : "2000-01-23T04:56:07.000+00:00",
      "dateCreated" : "2000-01-23T04:56:07.000+00:00",
```

```
"appointmentID" : 7,
"endTime" : "2000-01-23T04:56:07.000+00:00"
},
"employeeTreatment" : {
  "treatment" : {
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
},
"appointmentEmployeeTreatmentsID" : 6
}, {
  "appointment" : {
    "approvalStatus" : "APPROVED",
    "startTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endTime" : "2000-01-23T04:56:07.000+00:00"
  },
  "employeeTreatment" : {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  },
  "appointmentEmployeeTreatmentsID" : 6
} ],
"endTime" : "2000-01-23T04:56:07.000+00:00",
"customer" : {
  "firstName" : "firstName",
```

```
{
  "lastName" : "lastName",
  "password" : "password",
  "phoneNumber" : "phoneNumber",
  "address" : "address",
  "role" : "Admin",
  "pictureURL" : "pictureURL",
  "dateOfBirth" : "2000-01-23",
  "userId" : 1,
  "email" : "email",
  "username" : "username"
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Appointment found [AppointmentDto](#)

404

Appointment not found

AuthUser

[Up](#)

POST /api/users/login

Login an existing User (**authenticate**)

Authenticates an existing user with valid credentials

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [AuthenticationRequest](#) (required)

Body Parameter —

Return type

[AuthenticationResponse](#)

Example data

Content-Type: application/json

```
{
  "token" : "token"
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

Successfully authenticated [AuthenticationResponse](#)

[Up](#)

PATCH /api/users/recover-password/{id}

Password recovery (**changePassword**)

Change password for an existing user

Path parameters

id (required)

Path Parameter — format: int32

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [ChangePasswordRequest](#) (required)

Body Parameter —

Return type

Object

Example data

Content-Type: application/json

```
{ }
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

Successfully changed password [Object](#)

[Up](#)

POST /api/users/register

Register a new User (**register**)

Creates and registers a new user

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [RegisterRequest](#) (required)

Body Parameter —

Return type

[AuthenticationResponse](#)**Example data**

Content-Type: application/json

```
{
  "token" : "token"
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses**200**Successfully registered [AuthenticationResponse](#)

TreatmentController

[Up](#)

POST /api/treatments

Create new Treatment (**addTreatment**)

Adds a new treatment

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request bodybody [Treatment](#) (required)*Body Parameter* —**Return type**[TreatmentDto](#)**Example data**

Content-Type: application/json

```
{
  "price" : 1.4658129805029452,
  "pictureURL" : "pictureURL",
  "name" : "name",
  "description" : "description",
  "estimatedDuration" : 6,
  "employeeTreatments" : [ {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
```

```
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
}, {
  "treatment" : {
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
} ],
  "treatmentID" : 0
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

Treatment created [TreatmentDto](#)

400

Bad request

DELETE /api/treatments/{id}

[Up](#)

Delete Treatment by ID (**deleteTreatment**)

Deletes a treatment identified by its id

Path parameters

id (required)

Path Parameter – The id of the treatment format: int32

Return type

Object

Example data

Content-Type: application/json

```
{ }
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

204

Treatment uccessfully deleted [Object](#)

404

Treatment not found

[Up](#)

GET /api/treatments

Find all Treatments (**getAllTreatments**)

Retrieves a comprehensive list of treatments

Return type

array[[TreatmentDto](#)]

Example data

Content-Type: application/json

```
[ {
  "price" : 1.4658129805029452,
  "pictureURL" : "pictureURL",
  "name" : "name",
  "description" : "description",
  "estimatedDuration" : 6,
  "employeeTreatments" : [ {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  }, {
    "treatment" : {
```

```
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
} ],
"treatmentID" : 0
}, {
  "price" : 1.4658129805029452,
  "pictureURL" : "pictureURL",
  "name" : "name",
  "description" : "description",
  "estimatedDuration" : 6,
  "employeeTreatments" : [ {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  }
}, {
  "treatment" : {
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
```



```
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
} ],
"treatmentID" : 0
} ]
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Treatments found

404

Treatments not found

GET /api/treatments/{id}

[Up](#)

Finds a Treatment by ID (**getTreatmentById**)

Retrieves a single treatment identified by its id

Path parameters

id (required)

Path Parameter – The id of the treatment format: int32

Return type

[TreatmentDto](#)

Example data

Content-Type: application/json

```
{
  "price" : 1.4658129805029452,
  "pictureURL" : "pictureURL",
  "name" : "name",
  "description" : "description",
  "estimatedDuration" : 6,
  "employeeTreatments" : [ {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
```

```

    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
}, {
  "treatment" : {
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
} ],
"treatmentID" : 0
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Treatment found [TreatmentDto](#)

404

Treatment not found

GET /api/treatments/{id}/users

[Up](#)

Find the Users(employees) by a Treatment ID ([getUsersByTreatmentId](#))

Retrieves a set of users associated with a specific treatment by its id

Path parameters

id (required)

Path Parameter – The id of the treatment format: int32

Return type

array[[UserDto](#)]

Example data

Content-Type: application/json

```
[ {
  "lastName" : "lastName",
  "address" : "address",
  "role" : "Admin",
  "pictureURL" : "pictureURL",
  "credentialsNonExpired" : true,
  "dateOfBirth" : "2000-01-23",
  "employeeAppointments" : [ null, null ],
  "userId" : 0,
  "enabled" : true,
  "customerAppointments" : [ {
    "approvalStatus" : "APPROVED",
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"
  }, {
    "approvalStatus" : "APPROVED",
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"
  } ],
  "firstName" : "firstName",
  "password" : "password",
  "phoneNumber" : "phoneNumber",
  "accountNonExpired" : true,
  "employeeTreatments" : [ {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  }, {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
```

```
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
} ],
"email" : "email",
"accountNonLocked" : true
}, {
  "lastName" : "lastName",
  "address" : "address",
  "role" : "Admin",
  "pictureURL" : "pictureURL",
  "credentialsNonExpired" : true,
  "dateOfBirth" : "2000-01-23",
  "employeeAppointments" : [ null, null ],
  "userId" : 0,
  "enabled" : true,
  "customerAppointments" : [ {
    "approvalStatus" : "APPROVED",
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"
  }, {
    "approvalStatus" : "APPROVED",
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"
  } ],
  "firstName" : "firstName",
  "password" : "password",
  "phoneNumber" : "phoneNumber",
  "accountNonExpired" : true,
  "employeeTreatments" : [ {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  }
}
```

```

    }, {
      "treatment" : {
        "price" : 2.3021358869347655,
        "pictureURL" : "pictureURL",
        "name" : "name",
        "description" : "description",
        "estimatedDuration" : 5,
        "treatmentID" : 5
      },
      "employeeTreatmentsID" : 6,
      "employee" : {
        "firstName" : "firstName",
        "lastName" : "lastName",
        "password" : "password",
        "phoneNumber" : "phoneNumber",
        "address" : "address",
        "role" : "Admin",
        "pictureURL" : "pictureURL",
        "dateOfBirth" : "2000-01-23",
        "userId" : 1,
        "email" : "email",
        "username" : "username"
      }
    } ],
    "email" : "email",
    "accountNonLocked" : true
  } ]

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Treatment found

404

Treatment not found

PUT /api/treatments/{id}

[Up](#)

Update Treatment by ID (**updateTreatment**)

Updates a treatment's details

Path parameters

id (required)

Path Parameter — The id of the treatment format: int32

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [Treatment](#) (required)

Body Parameter —

Return type[TreatmentDto](#)**Example data**

Content-Type: application/json

```
{
  "price" : 1.4658129805029452,
  "pictureURL" : "pictureURL",
  "name" : "name",
  "description" : "description",
  "estimatedDuration" : 6,
  "employeeTreatments" : [ {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  }, {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  } ],
  "treatmentID" : 0
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Treatment found [TreatmentDto](#)

404

Treatment not found

UserController

[Up](#)

POST /api/users

Create a new User (**createUser**)

Create a new User

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [UserDto](#) (required)

Body Parameter —

Return type

[UserDto](#)

Example data

Content-Type: application/json

```
{
  "lastName" : "lastName",
  "address" : "address",
  "role" : "Admin",
  "pictureURL" : "pictureURL",
  "credentialsNonExpired" : true,
  "dateOfBirth" : "2000-01-23",
  "employeeAppointments" : [ null, null ],
  "userId" : 0,
  "enabled" : true,
  "customerAppointments" : [ {
    "approvalStatus" : "APPROVED",
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"
  }, {
    "approvalStatus" : "APPROVED",
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"
  } ],
  "firstName" : "firstName",
  "password" : "password",
  "phoneNumber" : "phoneNumber",
```

```

"accountNonExpired" : true,
"employeeTreatments" : [ {
  "treatment" : {
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
}, {
  "treatment" : {
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
} ],
"email" : "email",
"accountNonLocked" : true
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

201

User Created [UserDto](#)

400

Bad request

DELETE /api/users/{id}

Delete an existing User by ID (**deleteUser**)

Remove a user by their ID

Path parameters

id (required)

Path Parameter — The id of the user format: int32

Return type

Object

Example data

Content-Type: application/json

```
{ }
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

204

User successfully deleted [Object](#)

404

User not found

GET /api/users

Find all Users (**getAllUsers**)

Retrieves a comprehensive list of users

Return type

array[[UserDto](#)]

Example data

Content-Type: application/json

```
[ {  
  "lastName" : "lastName",  
  "address" : "address",  
  "role" : "Admin",  
  "pictureURL" : "pictureURL",  
  "credentialsNonExpired" : true,  
  "dateOfBirth" : "2000-01-23",  
  "employeeAppointments" : [ null, null ],  
  "userId" : 0,  
  "enabled" : true,  
  "customerAppointments" : [ {  
    "approvalStatus" : "APPROVED",  
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",  
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",  
    "appointmentID" : 7,  
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"  
  }, {  
    "approvalStatus" : "APPROVED",
```

```
"startDateTime" : "2000-01-23T04:56:07.000+00:00",
"dateCreated" : "2000-01-23T04:56:07.000+00:00",
"appointmentID" : 7,
"endDateTime" : "2000-01-23T04:56:07.000+00:00"
} ],
"firstName" : "firstName",
"password" : "password",
"phoneNumber" : "phoneNumber",
"accountNonExpired" : true,
"employeeTreatments" : [ {
  "treatment" : {
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
}, {
  "treatment" : {
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
} ],
"email" : "email",
"accountNonLocked" : true
}, {
  "lastName" : "lastName",
  "address" : "address",
  "role" : "Admin",
  "pictureURL" : "pictureURL",
  "credentialsNonExpired" : true,
  "dateOfBirth" : "2000-01-23",
```

```
"employeeAppointments" : [ null, null ],
"userId" : 0,
"enabled" : true,
"customerAppointments" : [ {
  "approvalStatus" : "APPROVED",
  "startDateTime" : "2000-01-23T04:56:07.000+00:00",
  "dateCreated" : "2000-01-23T04:56:07.000+00:00",
  "appointmentID" : 7,
  "endDateTime" : "2000-01-23T04:56:07.000+00:00"
}, {
  "approvalStatus" : "APPROVED",
  "startDateTime" : "2000-01-23T04:56:07.000+00:00",
  "dateCreated" : "2000-01-23T04:56:07.000+00:00",
  "appointmentID" : 7,
  "endDateTime" : "2000-01-23T04:56:07.000+00:00"
} ],
"firstName" : "firstName",
"password" : "password",
"phoneNumber" : "phoneNumber",
"accountNonExpired" : true,
"employeeTreatments" : [ {
  "treatment" : {
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
}, {
  "treatment" : {
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
}
```

```

    }
  } ],
  "email" : "email",
  "accountNonLocked" : true
} ]

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Users found

404

Users not found

GET /api/users/id/{id}/appointments

[Up](#)

Find the appointments by a User ID (**getAppointmentsByUserId**)

Retrieve a set of appointments for a specified user by their id

Path parameters

id (required)

Path Parameter — The id of the user format: int32

Return type

array[[AppointmentDto](#)]

Example data

Content-Type: application/json

```

[ {
  "approvalStatus" : "APPROVED",
  "startDateTime" : "2000-01-23T04:56:07.000+00:00",
  "dateCreated" : "2000-01-23T04:56:07.000+00:00",
  "appointmentID" : 0,
  "appointmentEmployeeTreatments" : [ {
    "appointment" : {
      "approvalStatus" : "APPROVED",
      "startDateTime" : "2000-01-23T04:56:07.000+00:00",
      "dateCreated" : "2000-01-23T04:56:07.000+00:00",
      "appointmentID" : 7,
      "endDateTime" : "2000-01-23T04:56:07.000+00:00"
    },
    "employeeTreatment" : {
      "treatment" : {
        "price" : 2.3021358869347655,
        "pictureURL" : "pictureURL",
        "name" : "name",
        "description" : "description",
        "estimatedDuration" : 5,
        "treatmentID" : 5
      },
      "employeeTreatmentsID" : 6,
      "employee" : {
        "firstName" : "firstName",
        "lastName" : "lastName",
        "password" : "password",

```

```
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
},
"appointmentEmployeeTreatmentsID" : 6
}, {
  "appointment" : {
    "approvalStatus" : "APPROVED",
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endTime" : "2000-01-23T04:56:07.000+00:00"
  },
  "employeeTreatment" : {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  },
  "appointmentEmployeeTreatmentsID" : 6
} ],
"endDateTime" : "2000-01-23T04:56:07.000+00:00",
"customer" : {
  "firstName" : "firstName",
  "lastName" : "lastName",
  "password" : "password",
  "phoneNumber" : "phoneNumber",
  "address" : "address",
  "role" : "Admin",
  "pictureURL" : "pictureURL",
  "dateOfBirth" : "2000-01-23",
  "userId" : 1,
  "email" : "email",
  "username" : "username"
}
}, {
  "approvalStatus" : "APPROVED",
  "startDateTime" : "2000-01-23T04:56:07.000+00:00",
  "dateCreated" : "2000-01-23T04:56:07.000+00:00",
  "appointmentID" : 0,
  "appointmentEmployeeTreatments" : [ {
```

```
"appointment" : {
  "approvalStatus" : "APPROVED",
  "startDateTime" : "2000-01-23T04:56:07.000+00:00",
  "dateCreated" : "2000-01-23T04:56:07.000+00:00",
  "appointmentID" : 7,
  "endDateTime" : "2000-01-23T04:56:07.000+00:00"
},
"employeeTreatment" : {
  "treatment" : {
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
},
"appointmentEmployeeTreatmentsID" : 6
}, {
  "appointment" : {
    "approvalStatus" : "APPROVED",
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"
  },
  "employeeTreatment" : {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  }
},
"appointmentEmployeeTreatmentsID" : 6
```

```

    } ],
    "endDateTime" : "2000-01-23T04:56:07.000+00:00",
    "customer" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  } ]

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

User found

404

User not found

GET /api/users/id/{id}/treatments

[Up](#)

Find the Treatments by a User(employee) ID (**getTreatmentsByUserId**)

Retrieves a set of treatments for a user specified by their id

Path parameters

id (required)

Path Parameter — The id of the user format: int32

Return type

array[[TreatmentDto](#)]

Example data

Content-Type: application/json

```

[ {
  "price" : 1.4658129805029452,
  "pictureURL" : "pictureURL",
  "name" : "name",
  "description" : "description",
  "estimatedDuration" : 6,
  "employeeTreatments" : [ {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
  } ],
} ]

```

```
"employee" : {
  "firstName" : "firstName",
  "lastName" : "lastName",
  "password" : "password",
  "phoneNumber" : "phoneNumber",
  "address" : "address",
  "role" : "Admin",
  "pictureURL" : "pictureURL",
  "dateOfBirth" : "2000-01-23",
  "userId" : 1,
  "email" : "email",
  "username" : "username"
}, {
  "treatment" : {
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
} ],
"treatmentID" : 0
}, {
  "price" : 1.4658129805029452,
  "pictureURL" : "pictureURL",
  "name" : "name",
  "description" : "description",
  "estimatedDuration" : 6,
  "employeeTreatments" : [ {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
```



```

    "username" : "username"
  }, {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  } ],
  "treatmentID" : 0
} ]

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

User found

404

User not found

GET /api/users/id/{id}/unavailable

[Up](#)

Find the unavailable dates and times for an employee by User ID (**getUnavailableTimes**)

Retrieve a list of time intervals during which a user (identified by their id) is unavailable

Path parameters

id (required)

Path Parameter — The id of the user format: int32

Return type

array[[IntervalDto](#)]

Example data

Content-Type: application/json

```

[ {
  "start" : "2000-01-23T04:56:07.000+00:00",
  "end" : "2000-01-23T04:56:07.000+00:00"
}, {

```

```
"start" : "2000-01-23T04:56:07.000+00:00",  
"end" : "2000-01-23T04:56:07.000+00:00"  
} ]
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

User found

404

User not found

GET /api/users/{email}

[Up](#)

Find User by email (**getUserByEmail**)

Retrieves a user(Optional) by their email address

Path parameters

email (required)

Path Parameter — The email of the user

Return type

[User](#)

Example data

Content-Type: application/json

```
{  
  "firstName" : "firstName",  
  "lastName" : "lastName",  
  "password" : "password",  
  "phoneNumber" : "phoneNumber",  
  "address" : "address",  
  "role" : "Admin",  
  "pictureURL" : "pictureURL",  
  "dateOfBirth" : "2000-01-23",  
  "userId" : 1,  
  "email" : "email",  
  "username" : "username"  
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [User](#)

GET /api/users/id/{id}

[Up](#)

Find User by ID (**getUserById**)

Retrieves a user by their id

Path parameters

id (required)

Path Parameter — The id of the user format: int32

Return type

[UserDto](#)

Example data

Content-Type: application/json

```
{
  "lastName" : "lastName",
  "address" : "address",
  "role" : "Admin",
  "pictureURL" : "pictureURL",
  "credentialsNonExpired" : true,
  "dateOfBirth" : "2000-01-23",
  "employeeAppointments" : [ null, null ],
  "userId" : 0,
  "enabled" : true,
  "customerAppointments" : [ {
    "approvalStatus" : "APPROVED",
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"
  }, {
    "approvalStatus" : "APPROVED",
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"
  } ],
  "firstName" : "firstName",
  "password" : "password",
  "phoneNumber" : "phoneNumber",
  "accountNonExpired" : true,
  "employeeTreatments" : [ {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  } ]
}
```

```

    }, {
      "treatment" : {
        "price" : 2.3021358869347655,
        "pictureURL" : "pictureURL",
        "name" : "name",
        "description" : "description",
        "estimatedDuration" : 5,
        "treatmentID" : 5
      },
      "employeeTreatmentsID" : 6,
      "employee" : {
        "firstName" : "firstName",
        "lastName" : "lastName",
        "password" : "password",
        "phoneNumber" : "phoneNumber",
        "address" : "address",
        "role" : "Admin",
        "pictureURL" : "pictureURL",
        "dateOfBirth" : "2000-01-23",
        "userId" : 1,
        "email" : "email",
        "username" : "username"
      }
    } ],
    "email" : "email",
    "accountNonLocked" : true
  }
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

User found [UserDto](#)

404

User not found

GET /api/users/role/{role}

[Up](#)

Find Users by role (**getUsersByRole**)

Retrieves a comprehensive list of users by their role

Path parameters

role (required)

Path Parameter – The role of the user

Return type

array[[UserDto](#)]

Example data

Content-Type: application/json

```

[ {
  "lastName" : "lastName",
  "address" : "address",
  "role" : "Admin",
  "pictureURL" : "pictureURL",

```

```
"credentialsNonExpired" : true,
"dateOfBirth" : "2000-01-23",
"employeeAppointments" : [ null, null ],
"userId" : 0,
"enabled" : true,
"customerAppointments" : [ {
  "approvalStatus" : "APPROVED",
  "startDateTime" : "2000-01-23T04:56:07.000+00:00",
  "dateCreated" : "2000-01-23T04:56:07.000+00:00",
  "appointmentID" : 7,
  "endDateTime" : "2000-01-23T04:56:07.000+00:00"
}, {
  "approvalStatus" : "APPROVED",
  "startDateTime" : "2000-01-23T04:56:07.000+00:00",
  "dateCreated" : "2000-01-23T04:56:07.000+00:00",
  "appointmentID" : 7,
  "endDateTime" : "2000-01-23T04:56:07.000+00:00"
} ],
"firstName" : "firstName",
"password" : "password",
"phoneNumber" : "phoneNumber",
"accountNonExpired" : true,
"employeeTreatments" : [ {
  "treatment" : {
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
}, {
  "treatment" : {
    "price" : 2.3021358869347655,
    "pictureURL" : "pictureURL",
    "name" : "name",
    "description" : "description",
    "estimatedDuration" : 5,
    "treatmentID" : 5
  },
  "employeeTreatmentsID" : 6,
  "employee" : {
    "firstName" : "firstName",
    "lastName" : "lastName",
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
```

```
    "email" : "email",
    "username" : "username"
  }
} ],
"email" : "email",
"accountNonLocked" : true
}, {
  "lastName" : "lastName",
  "address" : "address",
  "role" : "Admin",
  "pictureURL" : "pictureURL",
  "credentialsNonExpired" : true,
  "dateOfBirth" : "2000-01-23",
  "employeeAppointments" : [ null, null ],
  "userId" : 0,
  "enabled" : true,
  "customerAppointments" : [ {
    "approvalStatus" : "APPROVED",
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"
  }, {
    "approvalStatus" : "APPROVED",
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"
  } ],
  "firstName" : "firstName",
  "password" : "password",
  "phoneNumber" : "phoneNumber",
  "accountNonExpired" : true,
  "employeeTreatments" : [ {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  }, {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
  },
```

```
"employeeTreatmentsID" : 6,
"employee" : {
  "firstName" : "firstName",
  "lastName" : "lastName",
  "password" : "password",
  "phoneNumber" : "phoneNumber",
  "address" : "address",
  "role" : "Admin",
  "pictureURL" : "pictureURL",
  "dateOfBirth" : "2000-01-23",
  "userId" : 1,
  "email" : "email",
  "username" : "username"
} ],
"email" : "email",
"accountNonLocked" : true
} ]
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Users found

404

Users not found

409

Conflict

PUT /api/users/{id}

[Up](#)

Update an existing User by ID (**updateUser**)

Update an existing user's information

Path parameters

id (required)

Path Parameter — The id of the user format: int32

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [UserDto](#) (required)

Body Parameter —

Return type

[UserDto](#)

Example data

Content-Type: application/json

```
{
  "lastName" : "lastName",
  "address" : "address",
  "role" : "Admin",
  "pictureURL" : "pictureURL",
  "credentialsNonExpired" : true,
  "dateOfBirth" : "2000-01-23",
  "employeeAppointments" : [ null, null ],
  "userId" : 0,
  "enabled" : true,
  "customerAppointments" : [ {
    "approvalStatus" : "APPROVED",
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"
  }, {
    "approvalStatus" : "APPROVED",
    "startDateTime" : "2000-01-23T04:56:07.000+00:00",
    "dateCreated" : "2000-01-23T04:56:07.000+00:00",
    "appointmentID" : 7,
    "endDateTime" : "2000-01-23T04:56:07.000+00:00"
  } ],
  "firstName" : "firstName",
  "password" : "password",
  "phoneNumber" : "phoneNumber",
  "accountNonExpired" : true,
  "employeeTreatments" : [ {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
      "phoneNumber" : "phoneNumber",
      "address" : "address",
      "role" : "Admin",
      "pictureURL" : "pictureURL",
      "dateOfBirth" : "2000-01-23",
      "userId" : 1,
      "email" : "email",
      "username" : "username"
    }
  }, {
    "treatment" : {
      "price" : 2.3021358869347655,
      "pictureURL" : "pictureURL",
      "name" : "name",
      "description" : "description",
      "estimatedDuration" : 5,
      "treatmentID" : 5
    },
    "employeeTreatmentsID" : 6,
    "employee" : {
      "firstName" : "firstName",
      "lastName" : "lastName",
      "password" : "password",
```



```
    "phoneNumber" : "phoneNumber",
    "address" : "address",
    "role" : "Admin",
    "pictureURL" : "pictureURL",
    "dateOfBirth" : "2000-01-23",
    "userId" : 1,
    "email" : "email",
    "username" : "username"
  }
} ],
"email" : "email",
"accountNonLocked" : true
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Updated [UserDto](#)

404

User not found

Models

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Appointment

[Up](#)

appointmentID (optional)

[Integer](#) format: int32

customer (optional)

[User](#)

startDateTime (optional)

[Date](#) format: date-time

endDateTime (optional)

[Date](#) format: date-time

dateCreated (optional)

[Date](#) format: date-time

approvalStatus (optional)

[String](#)

Enum:

APPROVED

PENDING

REJECTED

EXPIRED

employee (optional)

[User](#)

AppointmentDto

[Up](#)

appointmentID (optional)

[Integer](#) format: int32

customer (optional)

[User](#)

startDateTime (optional)

[Date](#) format: date-time

endDateTime (optional)

[Date](#) format: date-time

dateCreated (optional)

[Date](#) format: date-time

approvalStatus (optional)

[String](#)

Enum:

APPROVED

PENDING

REJECTED

EXPIRED

employee (optional)

[User](#)

appointmentEmployeeTreatments (optional)

[array\[AppointmentEmployeeTreatment\]](#)

AppointmentEmployeeTreatment

[Up](#)

appointmentEmployeeTreatmentsID (optional)

[Integer](#) format: int32

appointment (optional)

[Appointment](#)

employeeTreatment (optional)

[EmployeeTreatment](#)

AppointmentRequestDto

[Up](#)

customerID (optional)

[Integer](#) format: int32

startDateTime (optional)

[Date](#) format: date-time

approvalStatus (optional)

[String](#)

Enum:

APPROVED

PENDING

REJECTED

EXPIRED

employeeId (optional)

[Integer](#) format: int32

treatmentId (optional)

[Integer](#) format: int32

AuthenticationRequest

[Up](#)

email (optional)

[String](#)

password (optional)

[String](#)

AuthenticationResponse

[Up](#)

token (optional)

[String](#)

ChangePasswordRequest

[Up](#)

newPassword (optional)

[String](#)

confirmationPassword (optional)

[String](#)

EmployeeTreatment

[Up](#)

employeeTreatmentsID (optional)

[Integer](#) format: int32

employee (optional)

[User](#)

treatment (optional)

[Treatment](#)

IntervalDto

[Up](#)

start (optional)

[Date](#) format: date-time

end (optional)

[Date](#) format: date-time

RegisterRequest

[Up](#)

firstName (optional)

[*String*](#)

lastName (optional)

[*String*](#)

email (optional)

[*String*](#)

password (optional)

[*String*](#)

phoneNumber (optional)

[*String*](#)

dateOfBirth (optional)

[*date*](#) format: date

address (optional)

[*String*](#)

role (optional)

[*String*](#)

Enum:

Admin

Employee

Customer

pictureURL (optional)

[*String*](#)

Treatment

[Up](#)

treatmentID (optional)

[*Integer*](#) format: int32

name (optional)

[*String*](#)

description (optional)

[*String*](#)

estimatedDuration (optional)

[*Integer*](#) format: int32

price (optional)

[*Double*](#) format: double

pictureURL (optional)

[*String*](#)

TreatmentDto

[Up](#)

treatmentID (optional)

[*Integer*](#) format: int32

name (optional)

[*String*](#)

description (optional)

[*String*](#)

estimatedDuration (optional)

[*Integer*](#) format: int32

price (optional)
[Double](#) format: double

pictureURL (optional)
[String](#)

employeeTreatments (optional)
[array\[EmployeeTreatment\]](#)

User

[Up](#)

userId (optional)
[Integer](#) format: int32

firstName (optional)
[String](#)

lastName (optional)
[String](#)

email (optional)
[String](#)

password (optional)
[String](#)

phoneNumber (optional)
[String](#)

dateOfBirth (optional)
[date](#) format: date

address (optional)
[String](#)

role (optional)
[String](#)

Enum:

- Admin*
- Employee*
- Customer*

pictureURL (optional)
[String](#)

username (optional)
[String](#)

UserDto

[Up](#)

userId (optional)
[Integer](#) format: int32

firstName (optional)
[String](#)

lastName (optional)
[String](#)

email (optional)
[String](#)

password (optional)
[String](#)

phoneNumber (optional)

[String](#)

dateOfBirth (optional)

[date](#) format: date

address (optional)

[String](#)

role (optional)

[String](#)

Enum:

Admin

Employee

Customer

pictureURL (optional)

[String](#)

accountNonExpired (optional)

[Boolean](#)

accountNonLocked (optional)

[Boolean](#)

credentialsNonExpired (optional)

[Boolean](#)

enabled (optional)

[Boolean](#)

employeeTreatments (optional)

[array\[EmployeeTreatment\]](#)

customerAppointments (optional)

[array\[Appointment\]](#)

employeeAppointments (optional)

[array\[Appointment\]](#)