All Topics

GraphQL API Reference

Welcome to the party!

API ENDPOINTS

```
# local:
https://localhost:8000/graphql
```

Queries

authenticate

Response

Returns a `Boolean!`

Arguments

Name	Description
`loginInfo` - `InputLogin!`	

QUERY

```graphql
query Authenticate($loginInfo: InputLogin!) {
  authenticate(loginInfo: $loginInfo)
}
```

VARIABLES

```
{"loginInfo": InputLogin}
```

RESPONSE

```
{"data": {"authenticate": true}}
```

Queries

getAllAvailableServices

Response

Returns [Service]

QUERY

```
query GetAllAvailableServices {
  getAllAvailableServices {
    _id
    id
    user_id
    transaction_id
    professional_id
    imageBase64
    category
    name
    description
    lowerrange
    upperrange
    finalprice
    createdAt
    scheduled_time
    reservation_ids
    review_ids
  }
}
```

RESPONSE

```
{
  "data": {
    "getAllAvailableServices": [
      {
        "_id": "4",
        "id": 123,
        "user_id": 987,
        "transaction_id": 123,
        "professional_id": 987,
        "imageBase64": "abc123",
        "category": "abc123",
        "name": "abc123",
        "description": "xyz789",
        "lowerrange": 123,
        "upperrange": 987,
        "finalprice": 123,
        "createdAt": GraphQLDate,
        "scheduled_time": "abc123",
        "reservation_ids": ["4"],
        "review_ids": [4]
      }
    ]
  }
}
```

Queries

getAllServices

Response

Returns [Service]

QUERY

```
query GetAllServices {
  getAllServices {
    _id
    id
    user_id
    transaction_id
    professional_id
    imageBase64
    category
    name
    description
    lowerrange
    upperrange
    finalprice
    createdAt
    scheduled_time
    reservation_ids
    review_ids
  }
}
```

RESPONSE

```
{
  "data": {
    "getAllServices": [
      {
        "_id": "4",
        "id": 987,
        "user_id": 987,
        "transaction_id": 987,
        "professional_id": 123,
        "imageBase64": "xyz789",
        "category": "xyz789",
        "name": "xyz789",
        "description": "xyz789",
        "lowerrange": 123,
        "upperrange": 123,
        "finalprice": 123,
        "createdAt": GraphQLDate,
        "scheduled_time": "abc123",
        "reservation_ids": ["4"],
        "review_ids": ["4"]
      }
    ]
  }
}
```

Queries

getServicesByCategory

Response

Returns [Service]

Arguments

Name	Description
category - String!	

QUERY

```
query GetServicesByCategory($category: String!) {
  getServicesByCategory(category: $category) {
    _id
    id
    user_id
    transaction_id
    professional_id
    imageBase64
    category
    name
    description
    lowerrange
    upperrange
    finalprice
    createdAt
    scheduled_time
    reservation_ids
    review_ids
  }
}
```

VARIABLES

```
{"category": "xyz789"}
```

RESPONSE

```
{
  "data": {
    "getServicesByCategory": [
      {
        "_id": "4",
        "id": 987,
        "user_id": 123,
        "transaction_id": 987,
        "professional_id": 123,
        "imageBase64": "xyz789",
        "category": "xyz789",
        "name": "xyz789",
        "description": "abc123",
        "lowerrange": 123,
        "upperrange": 123,
        "finalprice": 987,
        "createdAt": GraphQLDate,
        "scheduled_time": "abc123",
        "reservation_ids": [4],
        "review_ids": ["4"]
      }
    ]
  }
}
```

getServicesById

Response

Returns `[Service]`

Arguments

Name	Description
`professionalId` - `Int!`	

QUERY

```
query GetServicesById($professionalId: Int!) {
  getServicesById(professionalId: $professionalId) {
    _id
    id
    user_id
    transaction_id
    professional_id
    imageBase64
    category
    name
    description
    lowerrange
    upperrange
    finalprice
    createdAt
    scheduled_time
    reservation_ids
    review_ids
  }
}
```

VARIABLES

```
{"professionalId": 123}
```

RESPONSE

```
{
  "data": {
    "getServicesById": [
      {
        "_id": 4,
        "id": 123,
        "user_id": 987,
        "transaction_id": 987,
        "professional_id": 987,
        "imageBase64": "xyz789",
        "category": "abc123",
        "name": "abc123",
        "description": "abc123",
        "lowerrange": 987,
        "upperrange": 123,
        "finalprice": 123,
        "createdAt": GraphQLDate,
        "scheduled_time": "xyz789",
        "reservation_ids": ["4"],
        "review_ids": ["4"]
      }
    ]
  }
}
```

Queries

getServicesByUser

Response

Returns [Service]

Arguments

Name	Description
userId - Int!	

QUERY

```
query GetServicesByUser($userId: Int!) {
  getServicesByUser(userId: $userId) {
    _id
    id
    user_id
    transaction_id
    professional_id
    imageBase64
    category
    name
    description
    lowerrange
    upperrange
    finalprice
    createdAt
    scheduled_time
    reservation_ids
    review_ids
  }
}
```

VARIABLES

```
{"userId": 987}
```

RESPONSE

```
{
  "data": {
    "getServicesByUser": [
      {
        "_id": "4",
        "id": 987,
        "user_id": 987,
        "transaction_id": 987,
        "professional_id": 987,
        "imageBase64": "xyz789",
        "category": "abc123",
        "name": "xyz789",
        "description": "abc123",
        "lowerrange": 987,
        "upperrange": 987,
        "finalprice": 123,
        "createdAt": GraphQLDate,
        "scheduled_time": "abc123",
        "reservation_ids": ["4"],
        "review_ids": ["4"]
      }
    ]
  }
}
```

Queries

getUserID

Response

Returns a `String!`

Arguments

Name	Description
email - String!	

QUERY

```
query GetUserID($email: String!) {
  getUserID(email: $email)
}
```

VARIABLES

```
{"email": "abc123"}
```

RESPONSE

```
{"data": {"getUserID": "xyz789"}}
```

Queries

getUserInfoById

Response

Returns a User!

Arguments

Name	Description
userId - Int!	

QUERY

```
query GetUserInfoById($userId: Int!) {
  getUserInfoById(userId: $userId) {
    _id
    id
    firstName
    lastName
```

```
      postalcode
      address
      email
      phone
      password
      profilepic
      createdAt
    }
  }
```

VARIABLES

```
{"userId": 123}
```

RESPONSE

```
{
  "data": {
    "getUserInfoById": {
      "_id": "4",
      "id": 123,
      "firstName": "abc123",
      "lastName": "xyz789",
      "postalcode": 987,
      "address": "abc123",
      "email": "abc123",
      "phone": 987,
      "password": "xyz789",
      "profilepic": "xyz789",
      "createdAt": GraphQLDate
    }
  }
}
```

Queries

getUserInformation

Response

Returns a `User!`

Arguments

Name	Description
email - String!	

QUERY

```
query GetUserInformation($email: String!) {
  getUserInformation(email: $email) {
    _id
    id
    firstName
    lastName
    postalcode
    address
    email
    phone
    password
    profilepic
    createdAt
  }
}
```

VARIABLES

```
{"email": "abc123"}
```

RESPONSE

```
{
  "data": {
    "getUserInformation": {
      "_id": 4,
      "id": 123,
      "firstName": "abc123",
      "lastName": "xyz789",
      "postalcode": 123,
      "address": "xyz789",
      "email": "abc123",
      "phone": 123,
      "password": "xyz789",
      "profilepic": "xyz789",
      "createdAt": GraphQLDate
    }
  }
}
```

Mutations

approveQuoteRequest

Response

Returns a `Boolean!`

Arguments

Name	Description
`requestId` - `Int!`	

QUERY

```
mutation ApproveQuoteRequest($requestId: Int!) {
  approveQuoteRequest(requestId: $requestId)
}
```

VARIABLES

```
{"requestId": 987}
```

RESPONSE

```
{"data": {"approveQuoteRequest": false}}
```

Mutations

createQuoteRequest

Response

Returns a `QuoteRequest!`

Arguments

Name	Description
inputRequest - InputRequest!	

QUERY

```
mutation CreateQuoteRequest($inputRequest: InputRequest!) {
  createQuoteRequest(inputRequest: $inputRequest) {
    _id
    id
    user_id
    service_id
    status
    explanation
    service_time
  }
}
```

VARIABLES

```
{"inputRequest": InputRequest}
```

RESPONSE

```
{
  "data": {
    "createQuoteRequest": {
      "_id": "4",
      "id": 987,
      "user_id": 123,
      "service_id": 123,
      "status": 123,
      "explanation": "xyz789",
      "service_time": "xyz789"
    }
  }
}
```

Mutations

createReview

Response

Returns a Review!

Arguments

Name	Description
`serviceId` - `ID!`	
`review` - `InputReview!`	

QUERY

```
mutation CreateReview(
  $serviceId: ID!,
  $review: InputReview!
) {
  createReview(
    serviceId: $serviceId,
    review: $review
  ) {
    _id
    service_id
    ratingProficiency
    ratingQos
    ratingResponsiveness
    comment
    createdAt
    overallRating
    image
  }
}
```

VARIABLES

```
{
  "serviceId": "4",
  "review": InputReview
}
```

RESPONSE

```
{
  "data": {
    "createReview": {
      "_id": 4,
      "service_id": 987,
      "ratingProficiency": 123.45,
      "ratingQos": 123.45,
      "ratingResponsiveness": 987.65,
      "comment": "xyz789",
      "createdAt": GraphQLDate,
      "overallRating": 123.45,
      "image": "xyz789"
    }
  }
}
```

Mutations

createService

Response

Returns a `Service!`

Arguments

Name	Description
`professionalId` - `Int!`	
`service` - `InputService!`	

QUERY

```
mutation CreateService(
  $professionalId: Int!,
  $service: InputService!
) {
  createService(
    professionalId: $professionalId,
    service: $service
  ) {
    _id
    id
    user_id
    transaction_id
    professional_id
    imageBase64
    category
    name
    description
    lowerrange
    upperrange
    finalprice
    createdAt
    scheduled_time
    reservation_ids
    review_ids
  }
}
```

VARIABLES

```
{"professionalId": 987, "service": InputService}
```

RESPONSE

```
{
  "data": {
    "createService": {
      "_id": 4,
      "id": 987,
      "user_id": 123,
      "transaction_id": 123,
      "professional_id": 123,
      "imageBase64": "xyz789",
      "category": "xyz789",
      "name": "xyz789",
      "description": "abc123",
      "lowerrange": 123,
      "upperrange": 123,
      "finalprice": 123,
      "createdAt": GraphQLDate,
      "scheduled_time": "abc123",
      "reservation_ids": [4],
      "review_ids": [4]
    }
  }
}
```

Mutations

deleteService

Response

Returns a `Boolean!`

Arguments

Name	Description
`professionalId` - `Int!`	

Name	Description
serviceId - ID!	

QUERY

```
mutation DeleteService(
  $professionalId: Int!,
  $serviceId: ID!
) {
  deleteService(
    professionalId: $professionalId,
    serviceId: $serviceId
  )
}
```

VARIABLES

```
{"professionalId": 987, "serviceId": "4"}
```

RESPONSE

```
{"data": {"deleteService": false}}
```

Mutations

deleteUser

Response

Returns a Boolean!

Arguments

Name	Description
userID - Int!	

QUERY

```
mutation DeleteUser($userID: Int!) {
  deleteUser(userID: $userID)
}
```

VARIABLES

```
{"userID": 123}
```

RESPONSE

```
{"data": {"deleteUser": false}}
```

Mutations

registerProfessional

Response

Returns a `Professional!`

Arguments

Name	Description
user - `InputProfessional!`	

QUERY

```
mutation RegisterProfessional($user: InputProfessional!) {
  registerProfessional(user: $user) {
    _id
    id
    user_id
    company_id
    skill_ids
    service_ids
    createdAt
  }
}
```

VARIABLES

```
{"user": InputProfessional}
```

RESPONSE

```
{
  "data": {
    "registerProfessional": {
      "_id": 4,
      "id": 123,
      "user_id": 987,
      "company_id": "4",
      "skill_ids": ["4"],
      "service_ids": [4],
      "createdAt": GraphQLDate
    }
  }
}
```

Mutations

registerUser

Response

Returns a `User!`

Arguments

Name	Description
user - `InputUser!`	

QUERY

```
mutation RegisterUser($user: InputUser!) {
  registerUser(user: $user) {
    _id
    id
    firstName
    lastName
    postalcode
    address
    email
    phone
    password
    profilepic
    createdAt
  }
}
```

VARIABLES

```
{"user": InputUser}
```

RESPONSE

```
{
  "data": {
    "registerUser": {
      "_id": 4,
      "id": 987,
      "firstName": "abc123",
      "lastName": "xyz789",
      "postalcode": 123,
      "address": "abc123",
      "email": "xyz789",
      "phone": 123,
      "password": "abc123",
      "profilepic": "xyz789",
      "createdAt": GraphQLDate
    }
  }
}
```

Mutations

updateProfessional

Response

Returns a `Boolean!`

Arguments

Name	Description
`professionalId` - `Int!`	
`professional` - `UpdateProfessional!`	

QUERY

```
mutation UpdateProfessional(
  $professionalId: Int!,
  $professional: UpdateProfessional!
) {
  updateProfessional(
    professionalId: $professionalId,
    professional: $professional
  )
}
```

VARIABLES

```
{
  "professionalId": 987,
  "professional": UpdateProfessional
}
```

RESPONSE

```
{"data": {"updateProfessional": true}}
```

Mutations

updateTransactionStatusOfService

Response

Returns a `Boolean!`

Arguments

Name	Description
`updateStatus` - `UpdateService!`	

QUERY

```
mutation UpdateTransactionStatusOfService($updateStatus: UpdateService!) {
  updateTransactionStatusOfService(updateStatus: $updateStatus)
}
```

VARIABLES

```
{"updateStatus": UpdateService}
```

RESPONSE

```
{"data": {"updateTransactionStatusOfService": true}}
```

Mutations

updateUser

Response

Returns a `Boolean!`

Arguments

Name	Description
user - `UpdateUser!`	

QUERY

```
mutation UpdateUser($user: UpdateUser!) {
  updateUser(user: $user)
}
```

VARIABLES

```
{"user": UpdateUser}
```

RESPONSE

```
{"data": {"updateUser": false}}
```

Mutations

updateUserProfileImage

Response

Returns a `Boolean!`

Arguments

Name	Description
`updateInfo` - `UpdateProfile!`	

QUERY

```
mutation UpdateUserProfileImage($updateInfo: UpdateProfile!) {
  updateUserProfileImage(updateInfo: $updateInfo)
}
```

VARIABLES

```
{"updateInfo": UpdateProfile}
```

RESPONSE

```
{"data": {"updateUserProfileImage": true}}
```

Types

Boolean

The `Boolean` scalar type represents `true` or `false`.

Types

Float

The `Float` scalar type represents signed double-precision fractional values as specified by IEEE 754.

EXAMPLE

```
123.45
```

Types

GraphQLDate

Author: Hironobu Fukuzawa Creation Date: 29/03/2023 Description: Server-side functions

EXAMPLE

```
GraphQLDate
```

Types

ID

The `ID` scalar type represents a unique identifier, often used to refetch an object or as key for a cache. The ID type appears in a JSON response as a String; however, it is not intended to be human-readable. When expected as an input type, any string (such as `"4"`) or integer (such as `4`) input value will be accepted as an ID.

EXAMPLE

```
4
```

Types

InputLogin

Input Field	Description
email - String!	
password - String!	

EXAMPLE

```
{
  "email": "xyz789",
  "password": "abc123"
}
```

Types

InputProfessional

Input Field	Description
firstName - String!	
lastName - String!	
postalcode - Int	
address - String	
email - String!	
phone - Int!	
password - String!	
companyName - String	
companyEmail - String	
companyLocation - String	
websiteUrl - String	
skillName - String!	

Input Field	Description
license - String	
yearsOfExperience - Int!	

EXAMPLE

```
{
  "firstName": "abc123",
  "lastName": "xyz789",
  "postalcode": 123,
  "address": "abc123",
  "email": "abc123",
  "phone": 123,
  "password": "abc123",
  "companyName": "abc123",
  "companyEmail": "abc123",
  "companyLocation": "abc123",
  "websiteUrl": "xyz789",
  "skillName": "abc123",
  "license": "xyz789",
  "yearsOfExperience": 987
}
```

Types

InputRequest

Input Field	Description
user_id - Int!	
service_id - Int!	
status - Int!	
explanation - String!	
service_time - String!	

EXAMPLE

```
{
  "user_id": 987,
  "service_id": 987,
  "status": 987,
  "explanation": "xyz789",
  "service_time": "abc123"
}
```

Types

InputReview

Input Field	Description
ratingProficiency - Float!	
ratingQos - Float!	
ratingResponsiveness - Float!	
comment - String	
overallRating - Float!	
image - String	

EXAMPLE

```
{
  "ratingProficiency": 123.45,
  "ratingQos": 123.45,
  "ratingResponsiveness": 123.45,
  "comment": "abc123",
  "overallRating": 987.65,
  "image": "xyz789"
}
```

Types

InputService

Input Field	Description
professional_id - Int!	
category - String!	
name - String!	
description - String!	
lowerrange - Int	
upperrange - Int	
scheduled_time - String	

EXAMPLE

```
{
  "professional_id": 123,
  "category": "abc123",
  "name": "xyz789",
  "description": "xyz789",
  "lowerrange": 123,
  "upperrange": 123,
  "scheduled_time": "xyz789"
}
```

Types

InputUser

Input Field	Description
firstName - String!	
lastName - String!	
postalcode - Int	
address - String	
email - String!	
phone - Int!	
password - String!	

Input Field	Description

EXAMPLE

```
{
  "firstName": "abc123",
  "lastName": "abc123",
  "postalcode": 123,
  "address": "abc123",
  "email": "xyz789",
  "phone": 987,
  "password": "xyz789"
}
```

Types

Int

The `Int` scalar type represents non-fractional signed whole numeric values. Int can represent values between -(2^31) and 2^31 - 1.

EXAMPLE

```
123
```

Types

Professional

Field Name	Description
`_id` - `ID!`	
`id` - `Int!`	
`user_id` - `Int!`	
`company_id` - `ID`	

Field Name	Description
skill_ids - [ID]	
service_ids - [ID]	
createdAt - GraphQLDate!	

EXAMPLE

```
{
  "_id": "4",
  "id": 123,
  "user_id": 987,
  "company_id": 4,
  "skill_ids": [4],
  "service_ids": ["4"],
  "createdAt": GraphQLDate
}
```

Types

QuoteRequest

Field Name	Description
_id - ID!	
id - Int!	
user_id - Int!	
service_id - Int!	
status - Int!	
explanation - String!	
service_time - String!	

EXAMPLE

```
{
  "_id": "4",
  "id": 987,
  "user_id": 123,
  "service_id": 123,
  "status": 123,
  "explanation": "xyz789",
  "service_time": "abc123"
}
```

Types

Review

Field Name	Description
`_id` - `ID!`	
`service_id` - `Int!`	
`ratingProficiency` - `Float!`	
`ratingQos` - `Float!`	
`ratingResponsiveness` - `Float!`	
`comment` - `String`	
`createdAt` - `GraphQLDate!`	
`overallRating` - `Float!`	
`image` - `String`	

EXAMPLE

```
{
  "_id": "4",
  "service_id": 987,
  "ratingProficiency": 987.65,
  "ratingQos": 987.65,
  "ratingResponsiveness": 987.65,
  "comment": "xyz789",
  "createdAt": GraphQLDate,
  "overallRating": 123.45,
  "image": "xyz789"
}
```

Service

Field Name	Description
`_id` - `ID!`	
`id` - `Int!`	
`user_id` - `Int`	
`transaction_id` - `Int!`	
`professional_id` - `Int!`	
`imageBase64` - `String!`	
`category` - `String!`	
`name` - `String!`	
`description` - `String!`	
`lowerrange` - `Int`	
`upperrange` - `Int`	
`finalprice` - `Int`	
`createdAt` - `GraphQLDate!`	
`scheduled_time` - `String`	
`reservation_ids` - `[ID]`	
`review_ids` - `[ID]`	

EXAMPLE

```
{
  "_id": 4,
  "id": 123,
  "user_id": 123,
  "transaction_id": 987,
  "professional_id": 123,
  "imageBase64": "abc123",
  "category": "xyz789",
  "name": "xyz789",
  "description": "abc123",
  "lowerrange": 987,
  "upperrange": 123,
  "finalprice": 123,
  "createdAt": GraphQLDate,
  "scheduled_time": "abc123",
  "reservation_ids": ["4"],
  "review_ids": ["4"]
}
```

Types

String

The `String` scalar type represents textual data, represented as UTF-8 character sequences. The String type is most often used by GraphQL to represent free-form human-readable text.

EXAMPLE

```
"xyz789"
```

Types

UpdateProfessional

Input Field	Description
`companyName` - `String`	
`companyEmail` - `String`	
`companyLocation` - `String`	
`websiteUrl` - `String`	
`skillName` - `String`	
`license` - `String`	

Input Field	Description
`yearsOfExperience` - `Int`	

EXAMPLE

```
{
  "companyName": "abc123",
  "companyEmail": "xyz789",
  "companyLocation": "xyz789",
  "websiteUrl": "abc123",
  "skillName": "xyz789",
  "license": "xyz789",
  "yearsOfExperience": 987
}
```

Types

UpdateProfile

Input Field	Description
`id` - `Int`	
`profilePic` - `String`	

EXAMPLE

```
{"id": 987, "profilePic": "xyz789"}
```

Types

UpdateService

Input Field	Description
`id` - `Int!`	

Input Field	Description
transaction_id - Int!	
user_id - Int!	

EXAMPLE

```
{"id": 123, "transaction_id": 123, "user_id": 987}
```

Types

UpdateUser

Input Field	Description
id - Int	
firstName - String	
lastName - String	
postalcode - Int	
address - String	
email - String	
phone - Int	
password - String	

EXAMPLE

```
{
  "id": 123,
  "firstName": "abc123",
  "lastName": "abc123",
  "postalcode": 123,
  "address": "xyz789",
  "email": "abc123",
  "phone": 123,
  "password": "xyz789"
}
```

User

Field Name	Description
_id - ID!	
id - Int!	
firstName - String!	
lastName - String!	
postalcode - Int	
address - String	
email - String!	
phone - Int!	
password - String!	
profilepic - String	
createdAt - GraphQLDate!	

EXAMPLE

```
{
  "_id": "4",
  "id": 987,
  "firstName": "abc123",
  "lastName": "xyz789",
  "postalcode": 987,
  "address": "xyz789",
  "email": "xyz789",
  "phone": 123,
  "password": "abc123",
  "profilepic": "abc123",
  "createdAt": GraphQLDate
}
```

Documentation by Anvil SpectaQL