

Web Application Assignment
REST API Documentation

Sólyom Tamás

FP3SZG

Title:

List all applicants

Type: Query/Fetch

Purpose: List all applicants for the jobs

Count: Many records

URL Pattern:

/applicant/listAll

Method:

HTTP Method: GET

URL Parameters: -**Body Parameters:** -**Successful response:**

Status code: 200

Response body: JSON

Structure definition:

```
{ "Id": int,  
  "Name": text,  
  "Age": int,  
  "Address": text,  
  "Degree": enum,  
  "Phone number": text }
```

Error response:

404 – Page not found

Example request:

/applicant/listAll

Title:

List applicant by name

Type: Query/Fetch

Purpose: Find applicants by name

Count: Many records

URL Pattern:

/applicant/listByName

Method:

HTTP Method: GET

URL Parameters:

Required: name = [text]

Body Parameters: -**Successful response:**

Status code: 200

Response body: JSON

Structure definition:

```
{ "Id": int,  
  "Name": text,  
  "Age": int,  
  "Address": text,  
  "Degree": enum,  
  "Phone number": text }
```

Error response:

404 – Page not found

Example request:

/applicant/listByName?name=Nagy Géza

Title:

List applicant by Id

Type: Query/Fetch

Purpose: Find an applicant by ID

Count: Single record

URL Pattern:

/applicant/listById

Method:

HTTP Method: GET

URL Parameters:

Required: id = [int]

Body Parameters: -**Successful response:**

Status code: 200

Response body: JSON

Structure definition:

```
{ "Id": int,  
  "Name": text,  
  "Age": int,  
  "Address": text,  
  "Degree": enum,  
  "Phone number": text }
```

Error response:

404 – Page not found

Example request:

/applicant/listById?id=1

Title:

List applicants by Degree

Type: Query/Fetch

Purpose: Find all applicant by their Degree

Count: Many records

URL Pattern:

/applicant/listByDegree

Method:

HTTP Method: GET

URL Parameters:

Required: degree = [text]

Body Parameters: -**Successful response:**

Status code: 200

Response body: JSON

Structure definition:

```
{ "Id": int,  
  "Name": text,  
  "Age": int,  
  "Address": text,  
  "Degree": enum,  
  "Phone number": text }
```

Error response:

404 – Page not found

Example request:

/applicant/listByDegree?degree=HIGH_SCHOOL

Title:

List applicants by address

Type: Query/Fetch

Purpose: Find all applicants by their address

Count: Many records

URL Pattern:

/applicant/listByAddress

Method:

HTTP Method: GET

URL Parameters:

Required: address = [text]

Body Parameters: -**Successful response:**

Status code: 200

Response body: JSON

Structure definition:

```
{ "Id": int,  
  "Name": text,  
  "Age": int,  
  "Address": text,  
  "Degree": enum,  
  "Phone number": text }
```

Error response:

404 – Page not found

Example request:

/applicant/listByAddress?address=Miskolc

Title:

List all jobs

Type: Query/Fetch

Purpose: List all available jobs

Count: Many records

URL Pattern:

/job/listAll

Method:

HTTP Method: GET

URL Parameters: -**Body Parameters:** -**Successful response:**

Status code: 200

Response body: JSON

Structure definition:

```
{ "JobId": int,  
  "JobName": text,  
  "Department:" text,  
  "Payment": int,  
  "Description": text }
```

Error response:

404 – Page not found

Example request:

/job/listAll

Title:

List job by Id

Type: Query/Fetch

Purpose: Find a job by ID

Count: Single record

URL Pattern:

/job/listById

Method:

HTTP Method: GET

URL Parameters:

Required: id = [int]

Body Parameters: -**Successful response:**

Status code: 200

Response body: JSON

Structure definition:

```
{ "JobId": int,  
  "JobName": text,  
  "Department:" text,  
  "Payment": int,  
  "Description": text }
```

Error response:

404 – Page not found

Example request:

/job/listById?id=1

Title:

List job by name

Type: Query/Fetch

Purpose: Find a job by name

Count: Single record

URL Pattern:

/job/listByName

Method:

HTTP Method: GET

URL Parameters:

Required: name = [text]

Body Parameters: -**Successful response:**

Status code: 200

Response body: JSON

Structure definition:

```
{
  "JobId": int,
  "JobName": text,
  "Department": text,
  "Payment": int,
  "Description": text
}
```

Error response:

404 – Page not found

Example request:

/job/listByName?name=Night guard

Title:

List jobs by department

Type: Query/Fetch

Purpose: List all jobs in a department

Count: Many records

URL Pattern:

/job/listByDepartment

Method:

HTTP Method: GET

URL Parameters:

Required: department = [text]

Body Parameters: -**Successful response:**

Status code: 200

Response body: JSON

Structure definition:

```
{  
  "JobId": int,  
  "JobName": text,  
  "Department": text,  
  "Payment": int,  
  "Description": text  
}
```

Error response:

404 – Page not found

Example request:

/job/listByDepartment?department=IT

Title:

List jobs by payment

Type: Query/Fetch

Purpose: Find all job by payment

Count: Many records

URL Pattern:

/job/listByPayment

Method:

HTTP Method: GET

URL Parameters:

Required: payment = [int]

Body Parameters: -**Successful response:**

Status code: 200

Response body: JSON

Structure definition:

```
{  
  "JobId": int,  
  "JobName": text,  
  "Department": text,  
  "Payment": int,  
  "Description": text  
}
```

Error response:

404 – Page not found

Example request:

/job/listByPayment?payment=400000