

Rest Api documentation

Jobs:

getAllJobs

Description:Lists all the available jobs for applying

URL pattern:./jobs

Method:GET

URL parameters:None

Body parameters:none

Successful response:

- Status code: 200 (OK)

Error response:

- Status code 404 (NOT FOUND)

getJobById

Description:Retrieves one particular job by its id

URL pattern:./jobs/{id}

Method:GET

URL parameters:id

Body parameters: none

Successful response:

- Status code: 200 (OK)
- The data object of the queired job
- example:
{ "currency": "HUF", "careerType": "media", "location": "hungary", "numberOfApplicants": 100, "numberOfFreeSpaces": 90, "payment": 2000, "description": "We are looking for part-time freelance writers to work 2-3 days per week and contribute 4-5 articles per day (~300 words/article).", "name": "Freelance Writer" }

Error response:

- Status code 500 (Internal Server error)
- Handled Exceptions: JobsNotFoundException

filterJobs

Description:Filters jobs based on the filtering parameters. If no filtering option given the all of the jobs in the database will be returned. If none of the jobs satisfies the filtering conditions then an empty array will be returned.

URL pattern:./jobs/filterJobs

Method:GET

URL parameters:

- location => value = String, required = false;
- currency=> value = String, required = false;

- career=> value = String, required = false;

Body parameters:None

Successful response:

- Status code: 200 (OK)
- Array of the objects that satisfy the filtering conditions

Error response:

- Status code 500 (Internal Server error)
- Handled Exceptions: WrongLocationException, WrongCareerTypeException, WrongCurrencyTypeException

addNewJob

Description:Adds new job to the database

URL pattern:/jobs/newJob

Method:POST

URL parameters:None

Body parameters:

- Consumes = application/json mediatype
- {"currency":"USD","careerType":"industrial","location":"america","numberOfApplicants":12,"numberOfFreeSpaces":2,"payment":100000,"description":"MINIMUM 2 YEARS EXPERIENCE NEEDED, CALL FOR DETAILS 586-610-1123.. TRUCK DRIVER WANTED ... UP TO 55 CPM - 2000.00 BONUS (Clinton Township) Driver Referral Program","name":"Truck Driver"}

Successful response:

- Status code: 200 (OK)

Error response:

- Status code: 500 (Internal Server error)
- Handled Exceptions: WrongLocationException, WrongCareerTypeException, WrongCurrencyTypeException

deleteJobById

Description:Deletes an job by id

URL pattern:/jobs/{id}

Method:DELETE

URL parameters:id

Body parameters:None

Successful response:

- Status code: 200 (Ok)

Error response:

- Status code: 500 (Internal server error)
- Handled Exceptions : JobsNotFoundException

Applicants:

getAllApplicants

Description:Lists all the available applicants

URL pattern:/applicants

Method:GET

URL parameters:None

Body parameters:None

Successful response:

- Status code: 200

Error response:

- Status code 404 (NOT FOUND)

getApplicantById

Description:Retrieves one particular applicant by its id

URL pattern:/applicants/{id}

Method:GET

URL parameters:id

Successful response:

- Status code: 200 (OK)
- The data object of the queried applicant
- example:

```
{ "gender": "male", "address": "150, Kallirois Avenue 8026 Paphos", "education": "tertiary", "age": 29, "lastName": "Gyula", "middleName": "", "firstName": "Vincze" }
```

Error response:

- Status code 500 (Internal Server error)
- Handled Exceptions: ApplicantIsNotFoundException

filterApplicants

Description:Filters applicants based on the filtering parameters. If no filtering option given the all of the applicants in the database will be returned. If none of the applicants satisfies the filtering conditions then an empty array will be returned.

URL pattern:/jobs/filterApplicants

Method:GET

URL parameters:

- gender=> value = String, required = false;
- education=> value = String, required = false;

Body parameters:None

Successful response:

- Status code: 200 (OK)
- Array of the objects that satisfy the filtering conditions

Error response:

- Status code: 500 (Internal Server error)
- Handled Exceptions: WrongGenderException, WrongEducationTypeException

addNewApplicant

Description:Adds new applicant to the database

URL pattern:/applicants/newApplicant

Method:POST

URL parameters:none

Body parameters:

- Consumes = application/json mediatype
- {"gender":"male","address":"4933 Blackwell Street,Anchorage","education":"highschool","age":20,"lastName":"Béla","middleName":"","firstName":"Kovács"}

Successful response:

- Status code: 200 (OK)

Error response:

- Status code: 500 (Internal Server error)
- Handled Exceptions: WrongGenderException, WrongEducationTypeException

deleteApplicantById

Description:Deletes an applicant by id

URL pattern:/applicants/{id}

Method:DELETE

URL parameters:id

Body parameters:None

Successful response:

- Status code: 200 (Ok)

Error response:

- Status code: 500 (Internal server error)
- Handled Exceptions : ApplicantIsNotFoundException