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| **Job Openings Web API portal**   |  |  | | --- | --- | | Document Name and Location: | **Job Openings Web API portal** | | Document Version: | 1.0 | | Date: | 19 Oct 2021 | | Author | Varsha Jadye | | Summary | This document describes web api project methods and endpoints. |   **Amendment History.**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Version | Date | Comment | By | Approved | | 1 |  |  |  |  | |

# 1.Introduction

This ASP.Net Web API project manages job openings of Teknorix company.

It has four mail methods:

* Create jobs
* Update jobs
* List all jobs
* Details of each job

# 2. Web API Methods

## Create Job

**Request**

{

"title": "Software Developer",

"description": "Job description here...",

"locationId": 10030,

"departmentId": 2085,

"closingDate": "2021-08-30T18:43:31.877Z"

}

**Response**

201 <http://localhost/api/v1/jobs/1055>

## Update Job

**Request**

{

"title": "Software Developer",

"description": "Job description here...",

"locationId": 10030,

"departmentId": 2085,

"closingDate": "2021-08-30T18:43:31.877Z"

}

**Response**

200 OK

## List All Jobs

**Request**

{

"q": "", // Search string

"pageNo": 1, // Page number

"pageSize": 10, // Page size

"locationId": 101, // Optional location id

"departmentId": 201 // Optional department id

}

**Response**

{

"total": 20,

"data": [

{

"id": 101,

"code": "JOB-01",

"title": "Project Manager",

"location": "US Office",

"department": "Project Management",

"postedDate": "2021-07-30T18:43:31.877Z",

"closingDate": "2021-07-30T18:43:31.877Z"

},

{

"id": 102,

"code": "JOB-02",

"title": "Software Developer",

"location": "India Office",

"department": "Software Development",

"postedDate": "2021-08-30T18:43:31.877Z",

"closingDate": "2021-08-30T18:43:31.877Z"

},

]

}

## Details of Job

**Response**

{

"id": 1055,

"code": "JOB-01", // Autogenerated on the server

"title": "Software Developer",

"description": "Job description here...",

"location": {

"id": 10030,

"title": "US Head Office",

"city": "Baltimore",

"state": "MD",

"country": "United States",

"zip": 21202

},

"department": {

"id": 2085,

"title": "Software Development"

},

"postedDate": "2021-08-30T18:43:31.877Z",

"closingDate": "2021-08-30T18:43:31.877Z"

}

# Lookups / Masters

## Departments

* POST /api/v1/departments
* PUT /api/v1/departments/{id}
* GET /api/v1/departments

## Locations

* POST /api/v1/locations
* PUT /api/v1/locations/{id}
* GET /api/v1/locations