

Web Service API Document – Job Portal Application

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1. Create Offer API

Description: Create a new job offer

URL: https://<BASE_URL>/api/v1/offers/new

Prerequisite: Nil

Method: HTTP POST

1.1 Request Parameters

```
{  
    "jobTitle": "jobTitle"  
}
```

1.3 Response:

```
{  
    "httpstatus": "CREATED",  
    "message": "Successfully created the Offer",  
    "code": "201",  
    "status": "Created"  
}
```

1.3 Status Codes:

Status	Message	Description
201	Successfully created the Offer	Success Message created successfully
409	Duplicate Jobtitle	Duplicate Jobtitle
400	Validation Error	Job title is empty

2. List All Offers API

Description : List all offers

URL : https://<BASE_URL>/api/v1/offers/

Prerequisite : Nil

Method : HTTP GET

2.1 Request Parameters

Nil

2.2 Response :

```
[
  {
    "jobTitle": "jobTitle",
    "startDate": "startDate",
    "noOfApplications": "noOfApplications",
    "applications": []
  }
]
```

2.3 Status Codes :

Status	Message	Description
200		

3. List one offer API

Description : List one offer

URL : https://<BASE_URL>/api/v1/offers/jobTitle

Prerequisite : Nil

Method : HTTP GET

3.1 Request Parameters

Nil

3.2 Response :

```
{
  "jobTitle": "SW102",
  "startDate": "10-02-2018",
  "applications": [
    {

```

```

        "resumeTxt": "Java 4",
        "email": "aa@gmail.com",
        "status": "APPLIED",
        "offer": {
            "jobTitle": "SW102",
            "startDate": null,
            "applications": [],
            "noOfApplicagtions": 0
        }
    },
    "noOfApplicagtions": 1
}

```

3.3 Status Codes :

Status	Message	Description
200		

4. Track Applications per Offer API

Description: Track the number of applications per job offer

URL: https://<BASE_URL>/api/v1/offers/applications/jobTitle

Prerequisite: Nil

Method: HTTP GET

4.1 Request Parameters

“jobTitle” : “job title”

4.2 Response :

```

{
    "httpstatus": "OK",
    "message": "Below applications received",
    "code": "200",
    "applicationsList": [
        {
            "resumeTxt": "Java 4",
            "email": "aa@gmail.com",
            "status": "APPLIED",
            "offer": {
                "jobTitle": "SW101",
                "startDate": null,

```

```

        "noOfApplications": 0,
        "applications": []
    }
},
{
    "status": "OK",
    "Total Number of applications": 1
}

```

4.3 Status Codes :

Status	Message	Description
200	Below applications received	Below applications received
404	No applications found for the specified job title	No applications found for the specified job title

5. Create new Application API

Description: Create a new application for an offer

URL: https://<BASE_URL>v1/applications/new

Prerequisite: https://<BASE_URL>/api/offer/new

Method: HTTP POST

5.1 Request Parameters

```

{
    "email": "aa@gmail.com",
    "resumeTxt": "Java 4",
    "status": null,
    "offer": {
        "jobTitle": "SW101"
    }
}

```

5.2 Response :

```

{
    "httpstatus": "CREATED",
    "message": "Successfully applied for the Offer",
    "code": "201",
    "status": "Created"
}

```

5.3 Status Codes :

Status	Message	Description
200	Offer created successfully	Success Message created successfully
409	CONFLICT	You have already applied for this Job
400	Validation Error	Job title is empty
404	Server Error	For applying a job offer, valid Job title should be entered. The job tile which you entered does not exist in the DB

6. List all Applications API

Description: Lists all applications

URL: https://<BASE_URL>/api/v1/applications/

Prerequisite: https://<BASE_URL>/api/offer/new

Method: HTTP GET

6.1 Request Parameters

Nil

6.2 Response :

```
[
  {
    "resumeTxt": "Java 4",
    "email": "aa@gmail.com",
    "status": "APPLIED",
    "offer": {
      "jobTitle": "SW101",
      "startDate": null,
      "noOfApplications": 0,
      "applications": []
    }
  }
]
```

6.3 Status Codes :

Status	Message	Description
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200		
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7. List an application for a candidate API

Description: Lists single application submitted by a candidate for an Offer

URL: https://<BASE_URL>/api/v1/applications/email

Prerequisite: https://<BASE_URL>/api/offer/new

Method: HTTP GET

7.1 Request Parameters

email : <Email of the candidate >

7.2 Response :

```
{
  "resumeTxt": "Java 4",
  "email": "aa@gmail.com",
  "status": "APPLIED",
  "offer": {
    "jobTitle": "SW101",
    "startDate": null,
    "noOfApplications": 0,
    "applications": []
  }
}
```

7.3 Status Codes

Status	Message	Description
200		
404	NOT FOUND	No Application found for the specified email id

8. Application Status Update API

Description: Lists single application submitted by a candidate for an Offer

URL: https://<BASE_URL>/api/v1/applications/update/status

Prerequisites: https://<BASE_URL>/api/offer/new

https://<BASE_URL>/api/application/new

Method: HTTP PUT

8.1 Request Parameters


```
{
  "email": "aa@gmail.com",
  "resumeTxt": "Java 4",
  "status": "HIRED"
}
```

8.2 Response :

```
{
  "httpstatus": "OK",
  "message": "Successfully updated the status",
  "code": "200",
  "applicationStatus": "HIRED",
  "status": "OK"
}
```

8.3 Status Codes :

Status	Message	Description
200	Successfully updated the status	Successfully updated the status
404	NOT_FOUND	Status could not be updated. Specified email id does not exists