

# API Documentation : Contact APIs

## ● Contact Creation API

**Description:** This API allows you to create a new contact in Salesforce or retrieve the Salesforce ID if the contact with the given email already exists.

**Endpoint:** `/contacts/creation`

**HTTP Method:** POST

**Parameters:**

Name	Type	Description
email	String	The email address of the contact to be created
lastName	String	the last name of the contact to be created

### Request Body:

json

```
{  
  
  "lastName": "8try",  
  
  "email": "tttest@exeemple.com"  
}
```

### **Response:**

- Success (Status Code: 201 Created) - Returns the Salesforce ID of the newly created contact.

json

```
"0032x00000AsdfgAAC"
```

- Success (Status Code: 200 OK) - Returns the Salesforce ID of the existing contact with the provided email.

json

```
"0032x00000BqwertyY"
```

- Error (Status Code: 400 Bad Request) - Returns an error message when the request is invalid or encounters an issue.

json

```
"Error creating contact: Contact not found."
```

## • Contact Modification API

**Description:** This API allows you to update specific fields of an existing contact in Salesforce.

**Endpoint:** `/contacts/modification/{contactId}`

**HTTP Method:** PATCH

**Parameters:**

Name	Type	Description
contactId	String	The Salesforce ID of the contact to be updated
fieldName	String	The name of the field to be updated (supported fields : firstName , lastName and Email)
fieldValue	String	The new value for the specified field

### Request Body:

json

```
{ "contactId": "0030900001pX2aUAAS",  
  "fieldName": "Email",  
  "fieldValue": "test@example.com"  
}
```

### Response:

- Success (Status Code: 200 OK) - Returns a success message when the contact is updated successfully.

json

"The field has been updated successfully."

- Error (Status Code: 400 Bad Request) - Returns an error message when the request is invalid or encounters an issue.

json

"Error updating contact: Field 'StartDate' is not a valid date."

## • Contact Deactivation API

**Description:** This API allows you to deactivate a contact in Salesforce by setting the custom field `IsDisabled__c` to true.

**Endpoint:** `/contacts/deletion/{ContactId}`

**HTTP Method:** PATCH

### Parameters:

Name	Type	Description
None		No parameters are required for this API.

### Response:

- Success (Status Code: 200 OK) - Returns a success message when the contact is deactivated successfully.

json

"The contact has been disabled successfully."

- Error (Status Code: 400 Bad Request) - Returns an error message when the request is invalid or encounters an issue.

json

"Error disabling contact: Contact not found."

# API Documentation : Contract APIs

## ● Contract Creation API

**Description:** This API allows you to create a new contract in Salesforce.

**Endpoint:** `/contracts/creation`

**HTTP Method:** POST

**Parameters:**

Name	Type	Description
startDate	Date	The start date of the contract (format: "YYYY-MM-DD")
contractTerm	Integer	The term (duration) of the contract in months
accountId	String	The Salesforce ID of the associated account

### Request Body:

```
json
{
  "startDate": "2023-08-10",
  "contractTerm": 3,
  "accountId": "00109000026rH7zAAE"
}
```

### **Response:**

- Success (Status Code: 201 Created) - Returns the Salesforce ID of the newly created contract.

```
json
"8002x00000AsdfgAAA"
```

- Error (Status Code: 400 Bad Request) - Returns an error message when the request is invalid or encounters an issue.

```
json
"Error creating contract: Invalid date format for 'startDate'."
```

## ● Contract Modification API

**Description:** This API allows you to update specific fields of an existing contract in Salesforce.

**Endpoint:** `/contracts/modification/{contractId}`

**HTTP Method:** PATCH

**Parameters:**

Name	Type	Description
contractId	String	The Salesforce ID of the contract to be updated
fieldName	String	The name of the field to be updated (supported fields : Status, AccountId, Description, SpecialTerms)
fieldValue	String	The new value for the specified field

### Request Body:

```
                                json
{
  "contractId":"800090000010UEjAAM",
  "fieldName":"Description",
  "fieldValue":"This is a test Description."
}
```

### **Response:**

- Success (Status Code: 200 OK) - Returns a success message when the contract is updated successfully.

```
                                json
"The field has been updated successfully."
```

- Error (Status Code: 400 Bad Request) - Returns an error message when the request is invalid or encounters an issue.

```
                                json
"Error updating contract: Field 'StartDate' is not a valid date."
```