

# **Tripflock API Documentation**

## **Response Formats**

All responses are in JSON format.

## **Response Codes**

200: The request was successful.

201: The resource was successfully created.

204: The content not found or No content.

400: The request failed due to an application error, such as a validation error

401: Invalid authentication token.

403: The Invalid login credentials.

404: The resource was not found.

405: Method Not Allowed.

500: A server error occurred or Internal server error.

## **API Endpoints**

### **1. Authentication Request**

*Method:* POST

*URL:* <http://api.tripflock.com/api/authenticate/Login>

*Authentication:* http

### ***Parameters***

<i>Name</i>	<i>Type</i>	<i>Validation Rules</i>
Email Address	String	Required, unique, Valid email address
<b>Password</b>	String	Required,

### ***Response***

	Response Code	Response Message
Success	200	-
Fail	403	The Invalid Login Credentials

### Example: *authenticate request*

Var accessToken=""; //here declared accessToken value null

```
var customer = { 'Name': $.trim($("#txtName").val()), 'Password':  
  
$.trim($("#txtPassword").val()) };  
$.ajax({  
    type: "POST",  
    data: JSON.stringify(customer),  
    url: "http://api.tripflock.com/api/Authenticate/Login/",  
    contentType: "application/json",  
    success: function (data, textStatus, xhr) {  
        if (xhr.status == 200) {  
            accessToken = data.accessKey;  
            //AccessToken value get from data.accessKey  
        }  
        else {  
            alert(textStatus);  
        }  
    }, error: function (response) {  
        alert(response.statusText);  
    }  
});
```

## 2. Create Journal Request

*Method:* POST

*URL:* <http://api.tripflock.com/api/Journal/Insert/>

*Authentication:* http

### *Description:*

While making a request we have to include “accessToken” in Http header.

Eg: beforeSend: function (xhr) {  
 xhr.setRequestHeader("accessToken ", accessToken);  
}

### *Parameters*

Name	Type	Validation Rules
JournalTitel	String	Required,
AccessType	byte	Required

### ***Response***

	Response Code	Response Message
Success	201	The resource was successfully created
Fail	401	Invalid Authentication Token

**Example:** *new journal create request*

```
var JournalDtails = { 'JournalTitle': "Test JournalSakthi", 'AccessType':0};
$.ajax({
  beforeSend: function (xhr) {
    xhr.setRequestHeader("accessToken ", accessToken);
  },
  type: "POST",
  data: JSON.stringify(JournalDtails),
  url: "http://api.tripflock.com/api/Journal/Insert",
  contentType: "application/json",
  success: function (response, textStatus, xhr) {
    alert(textStatus);
  }, error: function (response) {
    alert(response.statusText);
  }
});
```

### **3. Select all Journals**

**Method:** GET

**URL:** <http://api.tripflock.com/api/Journal/>

**Authentication:** http

**Description:**

While making a request we have to include “accessToken” in Http header.

Eg: beforeSend: function (xhr) {  
    xhr.setRequestHeader("accessToken ", accessToken);  
}

**Parameters**

We have to include accessToken in Http header.

### ***Response***

	Response Code	Response Message
Success	200	Data
Success	204	The Content Not Found
Fail	401	Invalid Authentication Token

**Example: Select bulk amount of Journals**

```
$.ajax({
  beforeSend: function (xhr) {
    xhr.setRequestHeader("accessToken ", accessToken);
  },
  type: "GET",
  url: "http://api.tripflock.com/api/Journal/",
  contentType: "application/json",
  success: function (data, textStatus, xhr) {
    if (xhr.status == 200) {
      alert(JSON.stringify(data));
    }
    else {
      alert(textStatus);
    }
  }, error: function (response) {
    alert(response.statusText);
  }
});
```

**4. Select Journal based on “Id”**

*Method:* GET

*URL:* <http://api.tripflock.com/api/Journal/{id}>

*Authentication:* http

**Description**

While making a request we have to include “accessToken” in Http header.

Eg: beforeSend: function (xhr) {  
    xhr.setRequestHeader("accessToken ", accessToken);  
}

**Parameters**

We have to pass journal id in url and have to include accessToken in Http header.

**Response**

	Response Code	Response Message
Success	200	Data
Success	204	The Content Not Found
Fail	401	Invalid Authentication Token

**Example: Select single Journal based on Id**

```
$.ajax({
  beforeSend: function (xhr) {
    xhr.setRequestHeader("accessToken ", accessToken);
  },
  type: "GET",
  url: "http://api.tripflock.com/api/Journal/157",
  contentType: "application/json",
  success: function (data, textStatus, xhr) {
    if (xhr.status == 200) {
      alert(JSON.stringify(data));
    }
    else {
      alert(textStatus);
    }
  }, error: function (response) {
    alert(response.statusText);
  }
});
```

## 5. Update Journal Request

**Method:** PUT

**URL:** <http://api.tripflock.com/api/Journal/Update/>

**Authentication:** http

**Description:**

While making a request we have to include “accessToken” in Http header.

Eg: beforeSend: function (xhr) {  
    xhr.setRequestHeader("accessToken ", accessToken);  
    }.

**Parameters**

Name	Type	Validation Rules
JournalId	int	Required
JournalTitel	String	Required
AccessType	byte	Required

**Response**

	Response Code	Response Message
Success	200	Successfully Updated
Success	204	The Content Not Found
Fail	401	Invalid Authentication Token

### Example: Update Journal

```
var JournalDatails = { 'JournalId': 157,'JournalTitle': "Test Update Journal",  
'AccessType': "0" };  
$.ajax({  
  beforeSend: function (xhr) {  
    xhr.setRequestHeader("accessToken ", accessToken);  
  },  
  type: "PUT",  
  data: JSON.stringify(JournalDatails),  
  url: "http://api.tripflock.com/api/Journal/Update/",  
  contentType: "application/json",  
  success: function (response, textStatus, xhr) {  
    alert(textStatus);  
  }, error: function (response) {  
    alert(response.statusText);  
  } });
```

## 6. WebClip - Clip URL Page Name and Text (or) Clip Text

**Method:** POST

**URL:** <http://api.tripflock.com/api/File/InsertWebClip/>

**Authentication:** http

### Description:

While making a request we have to include “accessToken” in Http header.

Eg: beforeSend: function (xhr) {  
 xhr.setRequestHeader("accessToken ", accessToken);  
}

### Parameters

Name	Type	Validation Rules
JournalId	int	Required
Name	String	
Text	String	
ImageUrl	String	
ClipType	int	Required

**Note:** You can pass Name or Text or Image url.

### ***Response***

	Response Code	Response Message
Success	201	The Resource was Successfully Created
Success	204	The Journal Not Found
Fail	401	Invalid Authentication Token

## **7. WebClip - Upload ScreenShot**

**Method:** POST

**URL:** <http://api.tripflock.com/api/File/ScreenShot/>

**Authentication:** http

### ***Description:***

While making a request we have to include “accessToken” in Http header.

Eg: beforeSend: `function (xhr) {`  
                    `xhr.setRequestHeader("accessToken ", accessToken);`  
                    `}`

### ***Parameters***

Name	Type	Validation Rules
journalId	int	Required
clipType	int	Required

### ***Response***

	Response Code	Response Message
Success	201	The Resource was Successfully Created
Success	204	The Journal Not Found
Fail	401	Invalid Authentication Token

### **Jquery Example: WebClip Upload**

**Note:** The Jquery library version “jquery-1.7.1.min.js” or above.

```
var clipType = {  
    ClipUrlandText: 1,  
    ClipScreenShot: 2,  
    ClipText: 3  
}
```

```
function WebCilpUpload() {  
    var CurrentClipType = 2 //Your current clip type option value  
    var JournalId = 173 // Selected journalId
```

```
if (clipType.ClipUrlAndText == CurrentClipType || clipType.ClipText ==  
CurrentClipType ) {
```

```
var WebClipDetails = { 'JournalId': JournalId, 'Name': '', 'ImageUrl': '', 'Text':  
"Test Web Clip in Invoke api method", 'ClipType': CurrentClipType };
```

```
$.ajax({  
    beforeSend: function (xhr) {  
        xhr.setRequestHeader("accessToken", accessToken);  
    },  
    type: "POST",  
    data: JSON.stringify(WebClipDetails),  
    url: "http://api.tripflock.com/api/File/InsertWebClip",  
    contentType: "application/json",  
    success: function (response, textStatus, xhr) {  
        alert(textStatus);  
    }, error: function (response) {  
        alert(response.statusText);  
    }  
});  
}
```

```
else if(clipType.ClipScreenShot == CurrentClipType) {
```

```
var formData = new FormData($('form')[0]);  
$.ajax({  
    beforeSend: function (xhr) {  
        xhr.setRequestHeader("accessToken", accessToken);  
    },  
    url: 'http://api.tripflock.com/api/File/Screenshot/?journalId=' + JournalId +  
'&clipType=' + clipType.ClipScreenShot,  
    type: 'POST',  
    data: formData,  
    cache: false,  
    contentType: false,  
    processData: false,  
    success: function (response, textStatus, xhr) {  
        alert(xhr.status);  
        alert(textStatus);  
    }  
});  
}
```