

API Documentation

Connecting Timesheet Recording



[CLIENT NAME] API For Timesheet Reporting

All requests to the API require and HTTP Header with the following:

ApiKey: [API Key]

URL	https://test.big-red-digital.com/timesheet
HTTP Method	POST
Request Data	Query Criteria
Response Data	List of timesheets

Request Data JSON

The JSON request to specify the criteria that should be used is as follows:

Element	Format	Required
firstName	String	No
lastName	String	No
project	String	No
costCode	String	No
fromDate	Date (D/M/YY)	Yes
toDate	Date (D/M/YY)	Yes

For Example:

The request for the following would return timesheets for any employee with **first name** of **Joe** for who recorded time against a project called **8231 - ESA ESCAT - PPP xSpansion** for **Meetings - Project Related** from **1st Jan 2021** until **10th Jan 2021**.

```
{
  "firstName":"Joe",
  "project":"8231 - ESA ESCAT - PPP xSpansion",
  "costCode":"Meetings - Project Related",
  "fromDate":"1/1/21",
  "toDate":"10/1/21"
}
```



The following will return all timesheets between **1st Jan 2021 until 10th Jan 2021.**

```
{  
  
{  
  "fromDate":"1/1/21",  
  "toDate":"10/1/21"  
}
```

Response Data JSON

For a valid request the following JSON will be returned

```
{  
  "status":"ok",  
  "errorMessage":null,  
  "timeSheets":[  
    {  
      "userID":7061,  
      "firstName":"Joe",  
      "lastName":"Bloggs",  
      "project":"8231 - ESA ESCAT - PPP xSpacion",  
      "costCode":"Meetings - Project Related",  
      "date":"05/01/2021",  
      "hours":2,  
      "cost":92.88,  
      "notes":"Update meetings"  
    }  
  ]  
}
```

When an invalid request is submitted e.g. an invalid date then the following will be returned

```
{  
  "status":"Error",  
  "errorMessage":"Invalid From Date",  
  "timeSheets":null  
}
```



Example of complete HTTP request

```
POST https://test.big-red-digital.com/timesheet HTTP/1.1
User-Agent: Test
Host: test.big-red-digital.com
ApiKey: [API Key]
Content-Type: application/json; charset=utf-8
Content-Length: 175

{
  "firstName": "Joe",
  "project": "example-test-project",
  "costCode": "Meetings - Project Related",
  "fromDate": "1/1/21",
  "toDate": "10/1/21"
}
```

