

# WEB APIs

## Department

Save : <http://localhost:7272/Departments>

```
{  
    "departmentId": 805,  
    "departmentName": "Computer Science Engineering",  
    "departmentCode": "CSE",  
    "teacher": null  
}
```

Get ALL : <http://localhost:7272/Departments>

Get by ID : <http://localhost:7272/Department/Id/801>

Get by Code : <http://localhost:7272/Department/Code/CSE>

Get DEP by HOD ID : <http://localhost:7272/Department/HodId/913>

Get HOD by DEP ID : <http://localhost:7272/Hod/Department/805>

Update : <http://localhost:7272/Department/805>

```
{  
    "departmentId": 805,  
    "teacher": {
```

```
"teacherId":913
}
}
```

Delete : <http://localhost:7272/Department/801>

### **Student**

Save : <http://localhost:7272/Students>

```
{
  "studentId": 1,
  "firstName": "Kristos",
  "lastName": "Sleet",
  "emailId": "ksleet0@joomla.org",
  "gaurdian": {
    "gemailId": "kfleet0@nyu.edu",
    "gmobile": 3653104923,
    "gname": "Kristos Fleet"
  },
  "department": {
    "departmentId": 801
  }
}
```

}

Get ALL : <http://localhost:7272/Students>

Get By ID : <http://localhost:7272/Student/1>

Get By Mail : <http://localhost:7272/Student/email/example@gmail.com>

Update : <http://localhost:7272/Student/1>

{

"firstName": "Kristos",

"lastName": "Sleet",

"emailId": "ksleet0@joomla.org",

"gaurdian": {

"gemailId": "ksleet0@nyu.edu",

"gmobile": 3653104923,

"gname": "Kristos Sleet"

},

"department": {

"departmentId": 801

}

}

Delete : <http://localhost:7272/student/1>

**Subject**

Save : <http://localhost:7272/Subject>

NOTE : (Can save multiple Departments for single subject using JSON array format)

```
{  
    "subjectId": 1,  
    "subjectName": "CODE 1 , CODE 2 Subject",  
    "departmentList": null  
}
```

Save (assign DEP) : <http://localhost:7272/subject/1/department/801>

NOTE : (Can save multiple Departments to a single subject using Department ID in URL)

NOTE : (Can assign multiple Departments for single subject)

Get ALL : <http://localhost:7272/Subjects>

Get By ID : <http://localhost:7272/Subjects/id/1>

Update : <http://localhost:7272/Subject/id/1>

```
{  
    "subjectId": 1,  
    "subjectName": "CSE Subject 1",  
    "departmentList": [  
        {  
            "departmentId": 801  
        }  
    ]  
}
```

```
]
}
```

Delete : <http://localhost:7272/subject/1/department/802>

## **Teacher**

Save : <http://localhost:7272/Teachers>

```
{
  "teacherId": "915",
  "teacherName": "Dinesh",
  "teacherSalary": "20000",
  "emailId": "dinesh@gmail.com",
  "department": {
    "departmentId": "805"
  }
}
```

Get ALL : <http://localhost:7272/Teachers>

Get by ID : <http://localhost:7272/Teacher/Id/901>

Get by Mail :

<http://localhost:7272/Teacher/emailId/example@gmail.com>

Delete : <http://localhost:7272/Teacher/904>

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