***API Documentation***

1. **Use:** To get all the course and it’s details associated with a particular user/instructor.  
   **Method**: GET  
   **Endpoint:** domain/user/courses/:userid  
   **Parameter:**
   1. (path parameter)userid – primary key id of the instructor.
2. **Use:** To insert/update a schedule for a particular course  
   **Method:** POST  
   **Endpoint:** domain/course/schedule/:courseid  
   **Parameter:**
   1. (path parameter) courseid – ID of the course for which the schedule has to be added or updated.
   2. (body parameter) <template> - “schedule” is the key in json body that will be having the json format of the schedule.

|  |
| --- |
| {  "schedule": [  {  "key": "value"  },  {  “key1”:”value1”  }  ]  } |

1. **Use:** To get the schedule for a particular course  
   **Method:** GET  
   **Endpoint:** domain/course/schedule/:courseid  
   **Parameter:**
   1. (path parameter) courseid – ID of the course for which the schedule has to be retrived.
2. **Use:** To get all the users in the system  
   **Method:** GET  
   **Endpoint:** domain/user  
   **Parameter: NONE**
3. **Use:** To get the schedule for a particular course  
   **Method:** POST  
   **Endpoint:** domain/login

**Parameter:** User email and password as authorization (basic auth) parameters in header.

1. **Use:** To add/update the course details, course instructors info and course TA info.

**Method:** POST  
**Endpoint:** domain/course

**Parameter:**

1. (body parameter) <template>:

{

"courseDetails": {

"course\_id": 9,

"course\_number": "343",

"course\_semester": "sad",

"course\_rules": [

{

“start”:””,

“end”:””

}

],

"course\_name": "OOAD",

"course\_desc": "course edited"

},

"instructorDetails": {

"insert": [],

"remove": []

},

"taDetails": {

"insert": [

{

"ta\_email": "aaaa",

"ta\_name": "TA3",

"rules": {},

"isActive": false

},

{

"ta\_email": "asd",

"ta\_name": "TA2",

"rules":{},

"isActive": false

},

{

"ta\_email": "s",

"ta\_name": "TA1",

"rules":{},

"isActive": false

},

{

"ta\_name": "TA4",

"ta\_email": "sadasd",

"rules": {},

"isActive": true,

"added": true

}

],

"remove": []

}

}

1. **Use:** To get the course details, course instructors info and course TA info.

**Method:** GET  
**Endpoint:** domain/course/:courseid

**Parameter:**

1. (path parameter) courseid – ID of the course for which all the details has to be retrived.
2. **Use:** Insert/update TA's availability obtained from questionnaire.

**Method:** POST  
**Endpoint:** domain /ta/:taemail/course/:courseid

**Parameter:**

* 1. (path parameter) taemail – This is the email ID of the TA in base-64 encoded format.
  2. (path parameter) courseid – ID of the course for which the availability of the TA is obtained.
  3. (json body)

|  |
| --- |
| {  "hard": [  {  "end": "2018-10-18T17:00:00",  "start": "2018-10-18T16:00:00"  }  ],  "soft": [  {  "end": "2018-10-19T22:00:00",  "start": "2018-10-19T19:00:00",  "reason": "I have to Party"  }  ]  } |

1. **Use:** Delete a course

**Method:** DELETE  
**Endpoint:** domain/course/:courseid

**Parameter:**

1. (path parameter) courseid – ID of the course which has to be deleted.
2. **Use:** Get basic course details in TA questionnaire page.

**Method:** GET  
**Endpoint:** domain /ta/course/:courseid

**Parameter:**

1. (path parameter) courseid – ID of the course for which the details had to be fetched.
2. **Use:** To download the schedule in .xlsx format

**Method:** GET  
**Endpoint:** domain /course/schedule/download/:courseid

**Parameter:**

1. (path parameter) courseid – ID of the course for which the schedule had to be downloaded.
2. **Use:** To sign up as an instructor to the system.

**Method:** GET  
**Endpoint:** domain/signup

**Parameter:**

* 1. User email and password as authorization (basic auth) parameters in header.
  2. (Body parameter) user\_name – contains the user name of the new user.