1. **Create Schedule api which will accept employee id(emailAddress) and training period (it should support single Date , time and schedule Duration and multiple as well)**

**API URL** : [**http://localhost:8080/createSchedule**](http://localhost:8080/createSchedule) **(POST** Method**)**

**Input format Examples :**

**{**

**"employee\_id": "samayvivek@gmail.com",**

**"schedule":[{**

**"startDate" : "04 May 2021",**

**"time" : "11:00",**

**"duration" : "60",**

**"repeat":true,**

**"frequency":"Weekly",**

**"endDate":"04 May 2022"**

**}]**

**}**

{

"employee\_id": "smayavivek@gmail.com",

"schedule":[{

"startDate" : "04 May 2021",

"time" : "11:00",

"duration" : "60",

"repeat":false

}]

}

1. {
2. "employee\_id": "smayavivek@gmail.com",
3. "schedule":[{
4. "startDate" : "04 May 2021",
5. "time" : "11:00",
6. "duration" : "60",
7. "repeat":false,
8. "frequency":"Weekly",
9. "endDate":"04 May 2022"
10. },{
11. "startDate" : "04 May 2021",
12. "time" : "11:00",
13. "duration" : "60",
14. "repeat":false
15. }]
16. }

**Note**:

i) When repeat is true, then only we require frequency and endDate.

ii) both startDate and endDate are inclusive dates. [Date Format : dd MMM yyyy]

iii) Need to add a Header ‘ContentType’ = ‘application/json’

iv) We can schedule a number of training at a time by passing in schedules.

1. **List Schedule by Employeeid**

**API URL :** [http://localhost:8080/listSchedule?employee\_id=samayvivek@gmail.com](http://localhost:8080/listSchedule?employee_id=smayavivek@gmail.com) (**GET** Method)

**Note** : Need to pass email id of employe in employee\_id value though params to fetch all scheduled trainings

1. **Modify schedule by Employeeid**

**API URL :** [http://localhost:8080/modifySchedule?employee\_id=samayvivek@gmail.com&schedule\_id=1](http://localhost:8080/modifySchedule?employee_id=smayavivek@gmail.com&schedule_id=1) (**PATCH** Method)

**Note** :

i) Need to pass email id of employe in employee\_id value and schedule\_id though params to update the relevant training scheduled

ii) Need to add a Header ‘ContentType’ = ‘application/json’

iii) Sample of Body params that can be updated (only startDate, time and duration can be updated).

{

"startDate" : "13 Dec 2023",

"time" : "1:39",

"duration" : "60"

}

1. **Cancel Schedule by Employeeid**

**API URL :** [http://localhost:8080/cancelSchedule?employee\_id=samayvivek@gmail.com&schedule\_id=1](http://localhost:8080/cancelSchedule?employee_id=smayavivek@gmail.com&schedule_id=1) (**PATCH** Method)

**Note** :

i) Need to pass email id of employe in employee\_id value and schedule\_id though params to update the relevant training scheduled

1. **Get schedule by date, should have actual schedule for that date, say if I have one training for daily repeat for 30 mins, that date training should be alone listed.**

For example, In the above example 2 scenario, if I ask for schedule for today apr 2, it should list me date 2-apr-2021, time 10:00 am, duration: 30 mins

**API URL :** [http://localhost:8080/listSchedulebyDate?employee\_id=samayvivek@gmail.com&date=18 May 2021](http://localhost:8080/listSchedulebyDate?employee_id=smayavivek@gmail.com&date=18%20May%202021) (**GET** Method)

**Note** :

i) Need to pass email id of employe in employee\_id value and schedule\_id though params to update the relevant training scheduled

ii) Need to add a Header ‘ContentType’ = ‘application/json’

iii) Date Format : dd MMM yyyy