API Documentation

HOMEPAGE- localhost:8080/home

SLOTS: I – (8:30 am to 5:30 pm), II- (11:00 am to 8:30 pm)

1. **USER SIDE APIs:**
2. Signup- (PostAPI)

localhost:8080/api/auth/signup

Input Body Ex- {

    "empID" : "666666",

    "email" : "kumar@optum.com",

    "phone" : "123456",

    "password" : "666666"

}

1. Signin- (PostAPI)

localhost:8080/api/auth/signin

Input Body Ex - {

    "empID":"666666",

    "password" : "666666"

}

1. Signout- (PostAPI)

localhost:8080/api/auth/signout

1. User Profile- (GetAPI)

localhost:8080/api/test/user/profile

1. API to return the list of location codes, number of seats left for particular combination of place, date and slot where seats are available (GetAPI)

[http://localhost:8080/api/test/user/availableoffice/***{place}***?date=***{Date}***&slot=***{slot}***](http://localhost:8080/api/test/user/availableoffice/%7bplace%7d?date=%7bDate%7d&slot=%7bslot%7d)

Ex- <http://localhost:8080/api/test/user/availableoffice/Noida?date=2022-08-27&slot=II>

Show Book button if TRUE in “book” else do not show Book button. Response Example- [

    {

        "code": "N1",

        "seatLeft": 7,

        "book": **true**

    },

    {

        "code": "N2",

        "seatLeft": 8,

        "book": **true**

    },

    {

        "code": "N3",

        "seatLeft": 8,

        "book": **true**

    },

    {

        "code": "N4",

        "seatLeft": 8,

        "book": **true**

    }

]

1. API to return the number of seats left at particular combination of locationcode, date and slot (PostAPI)

localhost:8080/api/test/user/seatleftbydateslot/***{code}***

Ex- localhost:8080/api/test/user/seatleftbydateslot/N1

Input Body Ex- {

        "dateOfTransaction" : "2022-08-27",

        "slotTime" : "I"

    }

1. To Book a Seat (PostAPI)

localhost:8080/api/test/user/book/***{code}***

Ex- localhost:8080/api/test/user/book/N1

Input Body Ex- {

        "dateOfTransaction" : "2022-08-27",

        "slotTime" : "II"

    }

1. To cancel a Booking (PostAPI)

localhost:8080/api/test/user/cancel/***{trxID}***

(It cancels and deletes the booking of user for corresponding transactionID.)

1. To get the last booking details of user (GetAPI)

localhost:8080/api/test/user/lastbooking

It returns a list of all Bookings of user from current Date.

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Sample Output:

[

    {

        "transactionId": 41,

        "empID": "7777777",

        "locationCode": "G1",

        "dateOfTransaction": "2022-09-02",

        "slotTime": "I"

    },

    {

        "transactionId": 42,

        "empID": "7777777",

        "locationCode": "G1",

        "dateOfTransaction": "2022-09-03",

        "slotTime": "I"

    },

    {

        "transactionId": 43,

        "empID": "7777777",

        "locationCode": "G1",

        "dateOfTransaction": "2022-09-04",

        "slotTime": "I"

    }

]

Sample Output if NO booking is present:

{

    "bookingID": 0,

    "slot": "-",

    "date": "-",

    "place": "-",

    "code": "-"

}

1. **ADMIN SIDE APIs:**
2. Signup- (PostAPI)

localhost:8080/api/auth/signup

Input Body Ex- {

    "empID" : "666666",

    "email" : "kumar@optum.com",

    "phone" : "123456",

    "password" : "666666",

“role” : [“admin”]

}

1. Signin- (PostAPI)

localhost:8080/api/auth/signin

Input Body Ex - {

    "empID":"666666",

    "password" : "666666"

}

1. API to list a new location with location code and number of seats (PostAPI)

localhost:8080/api/test/admin/location/create

Input Body Ex - {

    "locationName" : "Hyderabad",

    "locationCode" : "H2",

    "locationSeatLimit" : 8

}

1. API to get list of all locations with locationcodes and seat limit (GetAPI)

localhost:8080/api/test/admin/location/list

1. API to get the list of all bookings for a particular combination of locationcode, date and slot (GetAPI)

[http://localhost:8080/api/test/admin/getbookingpertimeslot/{code}?date={DATE}&slot={SLOT}](http://localhost:8080/api/test/admin/getbookingpertimeslot/%7bcode%7d?date=%7bDATE%7d&slot=%7bSLOT%7d)

Ex- http://localhost:8080/api/test/admin/getbookingpertimeslot/N1?date=2022-08-27&slot=II