**Operations**

1. Fetch all booking info for given time
2. Book Seat
3. Cancel Seat
4. Update Seat

**GET** api/v1/booking/{startDate, startTime, endTime} - get all records with pagination  
**POST** api/v1/booking/{seatID, CDSID, startDate, startTime, endTime} - add a new record  
**DELETE** api/v1/booking/cancel/{bookingID} – Cancel existing booking  
**PATCH** api/v1/booking/swapSeat/{bookingID, newSeatID} - update author by ID

Search – Get Request

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

{

“startTime”:”09:00”,

“endTime” :”17:00”

}

Search – Response

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

{

seats: [

blockedSeats:[

{

“seatNo”: “345”,

“bookings”:[

{

“bookedTime” : “09:00 to 10:00”,

“bookedBy” : [PK@ford.com](mailto:PK@ford.com)

},

{

“bookedTime” : “10:00 to 15:00”,

“bookedBy” : “VD@ford.com”

}

]

},

{

“seatNo”: “456”,

“bookings”:[

{

“bookedTime” : “09:00 to 10:00”,

“bookedBy” : [PK@ford.com](mailto:PK@ford.com)

},

{

“bookedTime” : “10:00 to 15:00”,

“bookedBy” : “VD@ford.com”

}

]

}

]

availableSeats:

[

{

“Seat No” : “123”,

“Seat No” : “124”

}

]

]

}

New Booking – Post Request

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

{

"cdsId":"JOHN",

"seatId":"8DM09",

"date":"2019-09-04",

"startTime":"09:00",

"endTime":"17:00",

"isActive":true

}

New Booking – Response

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Response :{

“status”:“successfully blocked”

}

In case if it already blocked:

Response :{

“status”:“Sorry, seat is already blocked”

}