## Seofied It Services

## Private Limited

Rest API – Integration Guide

[This document is confidential and may be privileged or otherwise protected from

disclosure and may include proprietary information. Unauthorized reproduction or

disclosure of this information in whole or in part is prohibited.]

Email: support@odbus.in

Swagger link: https://testing.odbus.co.in/api/documentation

Contents

[1. ClientLogin 2](#_Toc7892)

[2. getLocation 3](#_Toc22308)

[3. Listing 3](#_Toc14956)

[4. Filter 6](#_Toc10076)

[5. FilterOptions 10](#_Toc10725)

[6. viewSeats 13](#_Toc23856)

[7. PriceOnSeatsSelection 34](#_Toc3534)

[8. BoardingDroppingPoints 35](#_Toc27361)

[9. PassengerInfo 36](#_Toc23440)

[10. SeatBlock 38](#_Toc13245)

[11. TicketConfirmation 39](#_Toc9916)

[12.ClientCancelTicketinfo 42](#_Toc11420)

[13.ClientTicketCancellation 43](#_Toc18960)

# ClientLogin

Method:POST

Calls to the methods enlisted in the API requires an authentication bearer token. The authentication bearer token is received on calling the ClientLogin method by passing the login credentials.

**Request URL:** https://testing.odbus.co.in/api/ClientLogin?client\_id={client\_id}&password={password}

**Request Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Type | Required | Description |
| Client\_id | string | yes | As provided |
| password | string | yes | As provided |

**Sample Response:**

{

"status": "1",

"message": "Client token generated",

"data": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwczovL2NvbnN1bWVyLm9kYnVzLmNvLmluL2FwaS9DbGllbnRMb2dpbiIsImlhdCI6MTY1MjI0NzYxNiwiZXhwIjoxNjUyMjUxMjE2LCJuYmYiOjE2NTIyNDc2MTYsImp0aSI6Imc0NExhV0Q0TTJUV2o4YlMiLCJzdWIiOjEsInBydiI6IjIzYmQ1Yzg5NDlmNjAwYWRiMzllNzAxYzQwMDg3MmRiN2E1OTc2ZjcifQ.SJcWTX4AHG3fm75PGD35sMKQyetWkJ-VDO3F-anWMNI"

}

**\*\*Note: Bearer type** token of the Client(Received in response to ClientLogin API) need to use as **authorization header** to access other all apis.

**Error Response:**

{

"status": "0",

"message": "Wrong credentials",

"data": null

}

# getLocation

Method: GET

Provides location name as per search values.

**Request URL:**

[https://testing.odbus.co.in/api/getLocation?locationName={locationName}](https://consumer.odbus.co.in/api/getLocation?locationName=%7blocationName%7d)

**Request Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Type | Required | Description |
| locationName | string | No |  |

**Sample Response:**

{

"status": "1",

"message": "Record Fetched Successfully",

"data": [

{

"id": 82,

"name": "Bhubaneswar",

"synonym": "BBS,BBSR",

"url": "bhubaneswar"

}

]

}

# Listing

Method: GET

Provides List of Buses running in a particular route for a particular date.

**Request URL:**

[https://testing.odbus.co.in/api/Listing?source={source}&destination={destination}&entry\_date={entry\_date}](https://consumer.odbus.co.in/api/Listing?source=%7bsource%7d&destination=%7bbalasore%7d&entry_date=%7bentry_date%7d)

**Request Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Type | Required | Description |
| source | string | Yes | Source city name |
| destination | string | Yes | destination city name |
| entry\_date | string | Yes | Journey Date Format: dd-mm-yyyy  (e.g. 25-05-2022) |
| bus\_operator\_id | integer | No | Operator ID |
| User\_id | integer | No | Client ID |

**Sample Response:**

{

"status": "1",

"message": "Record Fetched Successfully",

"data": [

{

"srcId": 82,

"destId": 53,

"display": "show",

"busId": 592,

"busName": "PANI COACH",

"via": "CUTTACK, JAMSOLA",

"popularity": null,

"busNumber": "OR 05 AL 0768",

"maxSeatBook": 6,

"conductor\_number": "7749088101,7749088102",

"operatorId": 133,

"operatorUrl": "pani-coach",

"operatorName": "Sujit Pani",

"sittingType": "2+2",

"bus\_description": "Leyland A/C Push Back Seater",

"busType": "AC",

"busTypeName": "A/C SEATER",

"totalSeats": 8,

"seaters": 8,

"sleepers": 0,

"startingFromPrice": 421,

"departureTime": "07:00",

"arrivalTime": "13:30",

"totalJourneyTime": "6h 30m",

"amenity": [

{

"id": 13,

"name": "Music System",

"amenity\_image": "https://testingadminapi.odbus.co.in/public/uploads/amenities/Music-System-pc.png.png",

"amenity\_android\_image": "https://testingadminapi.odbus.co.in/public/uploads/amenities/Music-System-mb.png.png"

},

{

"id": 14,

"name": "M Ticket",

"amenity\_image": "https://testingadminapi.odbus.co.in/public/uploads/amenities/M-Ticket-pc.png.png",

"amenity\_android\_image": "https://testingadminapi.odbus.co.in/public/uploads/amenities/M-Ticket-mb.png.png"

}

],

"safety": [

{

"id": 5,

"name": "Emergency Exit",

"safety\_image": "https://testingadminapi.odbus.co.in/public/uploads/safety/2122977023-exist-pc.png.png",

"safety\_android\_image": "https://testingadminapi.odbus.co.in/public/uploads/safety/1371527999-exist-mb.png.png"

}

],

"cancellationDuration": [

"12-18",

"18-24",

"25-999"

],

"cancellationDuduction": [

"35",

"25",

"20"

],

"cancellationPolicyContent": "<p class=\"MsoNormal\"><b><span lang=\"EN-US\">CANCELLATION POLICY</span></b><span lang=\"EN-US\"></span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">The tickets booked through ODBUS Can be cancelled and note that&#10;Cancel Can be possible before 12 hours of the departure of the said bus. </span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">1. Partial&#10;cancellation not allowed in ODBUS.</span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">2. In respect of&#10;refunds due to cancellation of service by Operator , passenger is required to&#10;send an e-mail to <a href=\"mailto:support@odbus.in\">support@odbus.in</a> mentioning&#10;PNR of the ticket. We will verify and refund the amount to the concerned Credit&#10;card / Internet banking / UPI.</span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">3. Refunds for&#10;Ticket cancellations / Failed Transactions to passengers will be given normally&#10;in 10 - 12 Bank working days by ODBUS, after the cancellation of ticket or receipt&#10;of e-mail. If refunds are delayed, passengers may contact ODBUS Executive at&#10;9583918888 ( 09:00 AM to 07:00 PM )</span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">4. Customer can't&#10;claim any cancellation refund on rescheduled tickets.</span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">5. The cancellation&#10;terms are different for each Operator which is set by Bus Owners itself. These&#10;terms are shown while booking as well as on the ticket printout/Email&#10;confirmation.</span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">6. Tickets booked&#10;through online should be cancelled only through online.</span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">7. Transaction Fee /&#10;GST are non-refundable for Ticket Cancellation / Service Cancellation.</span></p><p class=\"MsoNormal\">&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;</p><p class=\"MsoNormal\"><span lang=\"EN-US\">8. Cancellation&#10;charges are applicable on Base fare not on the discounted.</span></p><ol start=\"1\" type=\"1\">&#10;</ol><ol start=\"1\" type=\"1\">&#10;</ol>",

"TravelPolicyContent": null

}

]

}

# Filter

Method: POST

Provides List of Buses running in a particular route for a particular date with Filter criteria like:Price, BusType(AC or Non AC), Seat Type(seater or sleeper), Boarding points,Dropping Points,Operators,Amenities.

**Request URL:**

https://testing.odbus.co.in/api/Filter?price=0&sourceID= {sourceID }&destinationID= {destinationID}&entry\_date= {entry\_date} &busType**[]** = {busType} &busType**[]** ={ busType }&seatType**[]** ={ seatType }&seatType**[]** ={ seatType }& boardingPointId**[]** = {boardingPointId} &dropingPointId**[]** ={ dropingPointId }&operatorId**[]** ={ operatorId }&amenityId**[]** ={ amenityId }

**Request Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Type | Required | Description |
| price | integer | Yes | sort by price:0-without sorting, 1- ascending order sorting |
| sourceID | integer | Yes | Id of location(source) |
| destinationID | integer | Yes | Id of location(destination) |
| entry\_date | string | Yes | Journey Date Format: dd-mm-yyyy  (e.g. 25-05-2022) |
| bus\_operator\_id | integer | No | Operator ID |
| User\_id | integer | No | Client ID |
| busType | integer | No | AC or NONAC type Bus:1-AC, 2-NONAC |
| seatType | integer | No | Seater or Sleeper type Bus:1-seater, 2-sleeper |
| boardingPointId | integer | No | Boarding point Ids |
| dropingingPointId | integer | No | Dropping point Ids |
| operatorId | integer | No | Operator Ids |
| amenityId | integer | No | Amenity Ids |

**Sample Response:**

{

"status": "1",

"message": "Record Fetched Successfully",

"data": [

{

"srcId": 82,

"destId": 53,

"display": "show",

"busId": 592,

"busName": "PANI COACH",

"via": "CUTTACK, JAMSOLA",

"popularity": null,

"busNumber": "OR 05 AL 0768",

"maxSeatBook": 6,

"conductor\_number": "7749088101,7749088102",

"operatorId": 133,

"operatorUrl": "pani-coach",

"operatorName": "Sujit Pani",

"sittingType": "2+2",

"bus\_description": "Leyland A/C Push Back Seater",

"busType": "AC",

"busTypeName": "A/C SEATER",

"totalSeats": 8,

"seaters": 8,

"sleepers": 0,

"startingFromPrice": 421,

"departureTime": "07:00",

"arrivalTime": "13:30",

"totalJourneyTime": "6h 30m",

"amenity": [

{

"id": 13,

"name": "Music System",

"amenity\_image": "https://testingadminapi.odbus.co.in/public/uploads/amenities/Music-System-pc.png.png",

"amenity\_android\_image": "https://testingadminapi.odbus.co.in/public/uploads/amenities/Music-System-mb.png.png"

},

{

"id": 14,

"name": "M Ticket",

"amenity\_image": "https://testingadminapi.odbus.co.in/public/uploads/amenities/M-Ticket-pc.png.png",

"amenity\_android\_image": "https://testingadminapi.odbus.co.in/public/uploads/amenities/M-Ticket-mb.png.png"

}

],

"safety": [

{

"id": 5,

"name": "Emergency Exit",

"safety\_image": "https://testingadminapi.odbus.co.in/public/uploads/safety/2122977023-exist-pc.png.png",

"safety\_android\_image": "https://testingadminapi.odbus.co.in/public/uploads/safety/1371527999-exist-mb.png.png"

}

],

"cancellationDuration": [

"12-18",

"18-24",

"25-999"

],

"cancellationDuduction": [

"35",

"25",

"20"

],

"cancellationPolicyContent": "<p class=\"MsoNormal\"><b><span lang=\"EN-US\">CANCELLATION POLICY</span></b><span lang=\"EN-US\"></span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">The tickets booked through ODBUS Can be cancelled and note that&#10;Cancel Can be possible before 12 hours of the departure of the said bus. </span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">1. Partial&#10;cancellation not allowed in ODBUS.</span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">2. In respect of&#10;refunds due to cancellation of service by Operator , passenger is required to&#10;send an e-mail to <a href=\"mailto:support@odbus.in\">support@odbus.in</a> mentioning&#10;PNR of the ticket. We will verify and refund the amount to the concerned Credit&#10;card / Internet banking / UPI.</span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">3. Refunds for&#10;Ticket cancellations / Failed Transactions to passengers will be given normally&#10;in 10 - 12 Bank working days by ODBUS, after the cancellation of ticket or receipt&#10;of e-mail. If refunds are delayed, passengers may contact ODBUS Executive at&#10;9583918888 ( 09:00 AM to 07:00 PM )</span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">4. Customer can't&#10;claim any cancellation refund on rescheduled tickets.</span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">5. The cancellation&#10;terms are different for each Operator which is set by Bus Owners itself. These&#10;terms are shown while booking as well as on the ticket printout/Email&#10;confirmation.</span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">6. Tickets booked&#10;through online should be cancelled only through online.</span></p><p class=\"MsoNormal\"><span lang=\"EN-US\">7. Transaction Fee /&#10;GST are non-refundable for Ticket Cancellation / Service Cancellation.</span></p><p class=\"MsoNormal\">&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;&#10;</p><p class=\"MsoNormal\"><span lang=\"EN-US\">8. Cancellation&#10;charges are applicable on Base fare not on the discounted.</span></p><ol start=\"1\" type=\"1\">&#10;</ol><ol start=\"1\" type=\"1\">&#10;</ol>",

"TravelPolicyContent": null

}

]

}

# FilterOptions

Method: POST

Provides List of BusTypes, seatTypes, boardingPoints, dropping points, busOperator , amenities for corresponding bus.

**Request URL:** [https://testing.odbus.co.in/api/FilterOptions?sourceID={sourceID}&destinationID= {destinationID} &busIDs[]={busIDs} &busIDs[]={busIDs}&busIDs[]={busIDs}](https://consumer.odbus.co.in/api/FilterOptions?sourceID=%7bsourceID%7d&destinationID=%20%7bdestinationID%7d%20&busIDs%5b%5d=%7bbusIDs%7d%20&busIDs%5b%5d=%7bbusIDs%7d&busIDs%5b%5d=258)

**Request Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Type | Required | Description |
| sourceID | integer | yes | Id of location(source) |
| destinationID | integer | yes | Id of location(destination) |
| busIDs | integer | Yes | All busIds getting in response of Listing api |

**Sample Response:**

{

"status": "1",

"message": "Record Fetched Successfully",

"data": [

{

"busTypes": [

{

"id": 1,

"class\_name": "AC"

},

{

"id": 2,

"class\_name": "NON AC"

}

],

"seatTypes": [

{

"id": 1,

"name": "seater"

},

{

"id": 2,

"name": "sleeper"

}

],

"boardingPoints": [

{

"id": 121,

"boarding\_point": "Baramunda"

},

{

"id": 125,

"boarding\_point": "Hotel Crown"

},

{

"id": 127,

"boarding\_point": "Satsang Vihar"

},

{

"id": 129,

"boarding\_point": "Palasuni"

}

],

"dropingPoints": [

{

"id": 217,

"boarding\_point": "Baripada Bus Stand"

}

],

"busOperator": [

{

"id": 167,

"operator\_name": "Amitav Das",

"organisation\_name": "Das & DAS"

},

{

"id": 168,

"operator\_name": "Arup Das",

"organisation\_name": "DAS"

}

],

"amenities": [

{

"id": 4,

"name": "Charging Point",

"amenities\_image": "https://provider.odbus.co.in/public/uploads/amenities/Charging-Point-pc.png.png",

"android\_image": "https://provider.odbus.co.in/public/uploads/amenities/Charging-Point-mb.png.png"

},

{

"id": 5,

"name": "E-Ticket",

"amenities\_image": "https://provider.odbus.co.in/public/uploads/amenities/M-Ticket-pc.png.png",

"android\_image": "https://provider.odbus.co.in/public/uploads/amenities/M-Ticket-mb.png.png"

},

{

"id": 6,

"name": "Fire Extinguisher",

"amenities\_image": "https://provider.odbus.co.in/public/uploads/amenities/Fire-Extinguisher-pc.png.png",

"android\_image": "https://provider.odbus.co.in/public/uploads/amenities/Fire-Extinguisher-mb.png.png"

}

]

}

]

}

# viewSeats

Method: POST

Provides seatlayout, available seats,booked seats, reserved seats, against a perticular bus.

**Request URL:**

https://testing.odbus.co.in/api/viewSeats?entry\_date={entry\_date}&busId={busId}&sourceId={sourceId}&destinationId={destinationId}

**Request Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Type | Required | Description |
| entry\_date | string | Yes | Journey Date Format: dd-mm-yyyy  (e.g. 25-05-2022) |
| busId | integer | yes | busId of bus |
| sourceId | integer | yes | Source Id of source location(srcId of Listing api response) |
| destinationId | integer | Yes | Destination Id of destination location(destId of Listing api response ) |

**Sample Response:**

{

"status": "1",

"message": "Record Fetched Successfully",

"data": {

"bus": [

{

"id": 287,

"name": "GAJANAN",

"bus\_seat\_layout\_id": 29

}

],

"lower\_berth": [

{

"id": 2409,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1, ///////1 for seater,2 for sleeper,3 for vertical sleeper, 4 for blank

"berthType": "1", //////1 for Lower berth,2 for Upper berth

"seatText": "3", ///seat no

"rowNumber": 0,

"colNumber": 0

},

{

"id": 2410,

"bus\_seat\_layout\_id": 25,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "14",

"rowNumber": 3,

"colNumber": 3,

"Gender": "M" ///////Gender key present means booked seat(value “M” means booked by Man and value “F” means booked by Lady.

},

{

"id": 2411,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "9",

"rowNumber": 0,

"colNumber": 2

},

{

"id": 2412,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "12",

"rowNumber": 0,

"colNumber": 3

},

{

"id": 2413,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "15",

"rowNumber": 0,

"colNumber": 4

},

{

"id": 2414,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "18",

"rowNumber": 0,

"colNumber": 5

},

{

"id": 2415,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "21",

"rowNumber": 0,

"colNumber": 6

},

{

"id": 2416,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "24",

"rowNumber": 0,

"colNumber": 7

},

{

"id": 2417,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "27",

"rowNumber": 0,

"colNumber": 8,

"bus\_seats": { /////////bus\_seats key present means seat is allocated to odbus

"ticket\_price\_id": 3698,

"seats\_id": 2417,

"new\_fare": 0,

"ticket\_price": {

"id": 3698,

"base\_seat\_fare": 410,

"base\_sleeper\_fare": 380

}

}

},

{

"id": 2418,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "30",

"rowNumber": 0,

"colNumber": 9,

"bus\_seats": {

"ticket\_price\_id": 3698,

"seats\_id": 2418,

"new\_fare": 0,

"ticket\_price": {

"id": 3698,

"base\_seat\_fare": 410,

"base\_sleeper\_fare": 380

}

}

},

{

"id": 2419,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "33",

"rowNumber": 0,

"colNumber": 10

},

{

"id": 2420,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "36",

"rowNumber": 0,

"colNumber": 11

},

{

"id": 2421,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "40",

"rowNumber": 0,

"colNumber": 12

},

{

"id": 2422,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "2",

"rowNumber": 1,

"colNumber": 0

},

{

"id": 2423,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "5",

"rowNumber": 1,

"colNumber": 1,

"bus\_seats": {

"ticket\_price\_id": 3698,

"seats\_id": 2423,

"new\_fare": 0,

"ticket\_price": {

"id": 3698,

"base\_seat\_fare": 410,

"base\_sleeper\_fare": 380

}

}

},

{

"id": 2424,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "8",

"rowNumber": 1,

"colNumber": 2

},

{

"id": 2425,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "11",

"rowNumber": 1,

"colNumber": 3

},

{

"id": 2426,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "14",

"rowNumber": 1,

"colNumber": 4

},

{

"id": 2427,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "17",

"rowNumber": 1,

"colNumber": 5

},

{

"id": 2428,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "20",

"rowNumber": 1,

"colNumber": 6

},

{

"id": 2429,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "23",

"rowNumber": 1,

"colNumber": 7

},

{

"id": 2430,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "26",

"rowNumber": 1,

"colNumber": 8,

"bus\_seats": {

"ticket\_price\_id": 3698,

"seats\_id": 2430,

"new\_fare": 0,

"ticket\_price": {

"id": 3698,

"base\_seat\_fare": 410,

"base\_sleeper\_fare": 380

}

}

},

{

"id": 2431,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "29",

"rowNumber": 1,

"colNumber": 9,

"bus\_seats": {

"ticket\_price\_id": 3698,

"seats\_id": 2431,

"new\_fare": 0,

"ticket\_price": {

"id": 3698,

"base\_seat\_fare": 410,

"base\_sleeper\_fare": 380

}

}

},

{

"id": 2432,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "32",

"rowNumber": 1,

"colNumber": 10

},

{

"id": 2433,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "35",

"rowNumber": 1,

"colNumber": 11

},

{

"id": 2434,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "39",

"rowNumber": 1,

"colNumber": 12

},

{

"id": 2435,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "1",

"seatText": "",

"rowNumber": 2,

"colNumber": 0

},

{

"id": 2436,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "1",

"seatText": "",

"rowNumber": 2,

"colNumber": 1

},

{

"id": 2437,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "1",

"seatText": "",

"rowNumber": 2,

"colNumber": 2

},

{

"id": 2438,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "1",

"seatText": "",

"rowNumber": 2,

"colNumber": 3

},

{

"id": 2439,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "1",

"seatText": "",

"rowNumber": 2,

"colNumber": 4

},

{

"id": 2440,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "1",

"seatText": "",

"rowNumber": 2,

"colNumber": 5

},

{

"id": 2441,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "1",

"seatText": "",

"rowNumber": 2,

"colNumber": 6

},

{

"id": 2442,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "1",

"seatText": "",

"rowNumber": 2,

"colNumber": 7

},

{

"id": 2443,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "1",

"seatText": "",

"rowNumber": 2,

"colNumber": 8

},

{

"id": 2444,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "1",

"seatText": "",

"rowNumber": 2,

"colNumber": 9

},

{

"id": 2445,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "1",

"seatText": "",

"rowNumber": 2,

"colNumber": 10

},

{

"id": 2446,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "1",

"seatText": "",

"rowNumber": 2,

"colNumber": 11

},

{

"id": 2447,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "38",

"rowNumber": 2,

"colNumber": 12

},

{

"id": 2448,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "1",

"rowNumber": 3,

"colNumber": 0

},

{

"id": 2449,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "4",

"rowNumber": 3,

"colNumber": 1

},

{

"id": 2450,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "7",

"rowNumber": 3,

"colNumber": 2

},

{

"id": 2451,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "10",

"rowNumber": 3,

"colNumber": 3

},

{

"id": 2452,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "13",

"rowNumber": 3,

"colNumber": 4

},

{

"id": 2453,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "16",

"rowNumber": 3,

"colNumber": 5

},

{

"id": 2454,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "19",

"rowNumber": 3,

"colNumber": 6

},

{

"id": 2455,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "22",

"rowNumber": 3,

"colNumber": 7

},

{

"id": 2456,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "25",

"rowNumber": 3,

"colNumber": 8,

"bus\_seats": {

"ticket\_price\_id": 3698,

"seats\_id": 2456,

"new\_fare": 0,

"ticket\_price": {

"id": 3698,

"base\_seat\_fare": 410,

"base\_sleeper\_fare": 380

}

}

},

{

"id": 2457,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "28",

"rowNumber": 3,

"colNumber": 9

},

{

"id": 2458,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "31",

"rowNumber": 3,

"colNumber": 10

},

{

"id": 2459,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "34",

"rowNumber": 3,

"colNumber": 11

},

{

"id": 2460,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 1,

"berthType": "1",

"seatText": "37",

"rowNumber": 3,

"colNumber": 12

}

],

"lowerBerth\_totalRows": 4,

"lowerBerth\_totalColumns": 13,

"upper\_berth": [

{

"id": 2461,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL3",

"rowNumber": 0,

"colNumber": 0

},

{

"id": 2462,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL6",

"rowNumber": 0,

"colNumber": 1

},

{

"id": 2463,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL9",

"rowNumber": 0,

"colNumber": 2

},

{

"id": 2464,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL12",

"rowNumber": 0,

"colNumber": 3,

"bus\_seats": {

"ticket\_price\_id": 3698,

"seats\_id": 2464,

"new\_fare": 0,

"ticket\_price": {

"id": 3698,

"base\_seat\_fare": 380,

"base\_sleeper\_fare": 410

}

}

},

{

"id": 2465,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL15",

"rowNumber": 0,

"colNumber": 4,

"bus\_seats": {

"ticket\_price\_id": 3698,

"seats\_id": 2465,

"new\_fare": 0,

"ticket\_price": {

"id": 3698,

"base\_seat\_fare": 380,

"base\_sleeper\_fare": 410

}

}

},

{

"id": 2466,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL18",

"rowNumber": 0,

"colNumber": 5

},

{

"id": 2467,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL2",

"rowNumber": 1,

"colNumber": 0

},

{

"id": 2468,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL5",

"rowNumber": 1,

"colNumber": 1

},

{

"id": 2469,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL8",

"rowNumber": 1,

"colNumber": 2

},

{

"id": 2470,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL11",

"rowNumber": 1,

"colNumber": 3,

"bus\_seats": {

"ticket\_price\_id": 3698,

"seats\_id": 2470,

"new\_fare": 0,

"ticket\_price": {

"id": 3698,

"base\_seat\_fare": 380,

"base\_sleeper\_fare": 410

}

}

},

{

"id": 2471,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL14",

"rowNumber": 1,

"colNumber": 4,

"bus\_seats": {

"ticket\_price\_id": 3698,

"seats\_id": 2471,

"new\_fare": 0,

"ticket\_price": {

"id": 3698,

"base\_seat\_fare": 380,

"base\_sleeper\_fare": 410

}

}

},

{

"id": 2472,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL17",

"rowNumber": 1,

"colNumber": 5

},

{

"id": 2473,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "2",

"seatText": "",

"rowNumber": 2,

"colNumber": 0

},

{

"id": 2474,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "2",

"seatText": "",

"rowNumber": 2,

"colNumber": 1

},

{

"id": 2475,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "2",

"seatText": "",

"rowNumber": 2,

"colNumber": 2

},

{

"id": 2476,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "2",

"seatText": "",

"rowNumber": 2,

"colNumber": 3

},

{

"id": 2477,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "2",

"seatText": "",

"rowNumber": 2,

"colNumber": 4

},

{

"id": 2478,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 4,

"berthType": "2",

"seatText": "",

"rowNumber": 2,

"colNumber": 5

},

{

"id": 2479,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL1",

"rowNumber": 3,

"colNumber": 0

},

{

"id": 2480,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL4",

"rowNumber": 3,

"colNumber": 1

},

{

"id": 2481,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL7",

"rowNumber": 3,

"colNumber": 2

},

{

"id": 2482,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL10",

"rowNumber": 3,

"colNumber": 3,

"bus\_seats": {

"ticket\_price\_id": 3698,

"seats\_id": 2482,

"new\_fare": 0,

"ticket\_price": {

"id": 3698,

"base\_seat\_fare": 380,

"base\_sleeper\_fare": 410

}

}

},

{

"id": 2483,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL13",

"rowNumber": 3,

"colNumber": 4

},

{

"id": 2484,

"bus\_seat\_layout\_id": 29,

"seat\_class\_id": 2,

"berthType": "2",

"seatText": "SL16",

"rowNumber": 3,

"colNumber": 5

}

],

"upperBerth\_totalRows": 4,

"upperBerth\_totalColumns": 6

}

}

# PriceOnSeatsSelection

Method: POST

Provides total price of seater/sleeper on seats selection including all service chages and gst charges.

**Request URL:** https://testing.odbus.co.in/api/PriceOnSeatsSelection?busId={busId}&sourceId={sourceId}&destinationId={destinationId}&entry\_date={entry\_date}&seater[]={seater}&sleeper[]={sleeper}

**Request Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Type | Required | Description |
| busId | integer | yes | busId of a bus |
| sourceId | integer | yes | Id of location(source) |
| destinationId | integer | Yes | Id of location(destination) |
| entry\_date | string | Yes | Journey Date Format: dd-mm-yyyy  (e.g. 25-05-2022) |
| seater | integer | Yes | seatId of seats |
| sleeper | integer | Yes | seatId of seats |

**Sample Response:**

{

"status": "1",

"message": "Record Fetched Successfully",

"data": [

{

"totalFare": 587.4

} ] }

# BoardingDroppingPoints

Provides total price of seats (seater/sleeper) on seats selection.

Method: POST

**Request URL:**

https://testing.odbus.co.in/api/BoardingDroppingPoints?busId={busId}&sourceId={sourceId}&destinationId={destinationId}

**Request Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Type | Required | Description |
| busId | integer | Yes | busId of a bus |
| sourceId | integer | Yes | Id of location(source) |
| destinationId | integer | Yes | Id of location(destination) |

**Sample Response:**

{

"status": "1",

"message": "Record Fetched Successfully",

"data": [

{

"boardingPoints": [

{

"id": 121,

"boardingPoints": "Baramunda",

"boardingTimes": "21:20"

},

{

"id": 127,

"boardingPoints": "Satsang Vihar",

"boardingTimes": "21:30"

},

{

"id": 129,

"boardingPoints": "Palasuni",

"boardingTimes": "21:35"

}

],

"droppingPoints": [

{

"id": 643,

"droppingPoints": "Sector - 6 / Telephone Chowk",

"droppingTimes": "05:15"

},

{

"id": 645,

"droppingPoints": "Udit Nagar",

"droppingTimes": "05:20"

},

{

"id": 639,

"droppingPoints": "Sector - 2",

"droppingTimes": "05:30"

},

{

"id": 638,

"droppingPoints": "Rourkela Bus Stand",

"droppingTimes": "06:00"

}

]

}

]

}

# PassengerInfo

Method:POST

TransactionId and pnr generated against booking and passengers and seats details captured against generated pnr.

**Request URL:**

https://testing.odbus.co.in/api/PassengerInfo

**Request Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Type | Required | Description |
| customerInfo.email | string | No | Email of customer |
| customerInfo.phone | integer | Yes | Mobile no of customer |
| customerInfo.name | string | Yes | Customer name |
| bookingInfo.bus\_id | integer | Yes | Id of bus |
| bookingInfo.source\_id | integer | Yes | Id of location(source) |
| bookingInfo.destination\_id | integer | Yes | Id of location(destination) |
| bookingInfo.journey\_date | string | Yes | Journey Date Format: yyyyy-mm-dd(e.g. 2022-03-09) |
| bookingInfo.boarding\_point | string | Yes | boardingPoint |
| bookingInfo.dropping\_point | string | Yes | droppingingPoint |
| bookingInfo.boarding\_time | time | Yes | Boarding time(format-21:00) |
| bookingInfo.dropping\_time | time | Yes | Boarding time(format-06:30) |
| bookingInfo.bookingDetail[].bus\_seats\_id | integer | Yes | Id of seats |
| bookingInfo.bookingDetail[].passenger\_name | string | Yes | Name of passenger |
| bookingInfo.bookingDetail[].passenger\_gender | string | Yes | M/F/O (for male/Female/others) |
| bookingInfo.bookingDetail[].passenger\_age | integer | Yes | Passenger age |

**Sample Request Body(JSON format):**

{

"customerInfo": {

"email" :"",

"phone": "1234567898",

"name": "nancy"

},

"bookingInfo": {

"bus\_id": "1",

"source\_id": "82",

"destination\_id": "434",

"journey\_dt": "2022-05-30",

"boarding\_point": "Bermunda",

"dropping\_point": "sector",

"boarding\_time": "21:20",

"dropping\_time": "00:06",

"bookingDetail": [

{

"bus\_seats\_id": "2694",

"passenger\_name": "nancy",

"passenger\_gender": "M",

"passenger\_age": "33"

},

{

"bus\_seats\_id": "2755",

"passenger\_name": "nancy1",

"passenger\_gender": "M",

"passenger\_age": "33"

}

]

}

}

**Sample Response:**

{

"status": "1",

"message": "Record Added Successfully",

"data": {

"transaction\_id": "20220614122921979464",

"pnr": "ODCL43682"

}

}

**Error Response :**

**1**.

{

"status": "0",

"message": "wrong date format or not in range - 2022-06-30",/////allowed for a range of days from current date to book tickets

"data": null

}

**2.**

{

"status": "0",

"message": "Bus not running in this route",

"data": null

}

# SeatBlock

Method:POST

Selected seats against a transaction id blocked(hold) for further payment process.

**Request URL:**

https://testing.odbus.co.in/api/SeatBlock

**Request Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Type | Required | Description |
| transaction\_id | string | Yes | transaction\_id(response of PassengerInfo api) |
| customer\_gst\_status | integer | No | 0/1, default 0:gst not required,1:gst required |
| customer\_gst\_number | string | No | Customer GST number |
| customer\_gst\_business\_name | string | No | Customer GST name |
| customer\_gst\_business\_email | string | No | Cusomer GST email |
| customer\_gst\_business\_address | string | No | Customer GST address |

**Sample Response:**

{

"status": "1",

"message": "Seats are blocked for further payment process",

"data": {

"customer\_name": "Bob",

"amount": 1221.58

}

}

**Error Response:**

{

"status": "1",

"message": "Someone is trying to book this selected seater/sleeper. Please choose another seater/sleeper.",

"data": "SEAT UN-AVAIL"

}

# TicketConfirmation

Method:POST

Ticket confirmed against a transaction id.

**Request URL:**

<https://testing.odbus.co.in/api/TicketConfirmation?transaction_id={transaction_id}>

**Request Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Type | Required | Description |
| transaction\_id | string | Yes | transaction\_id(response of PassengerInfo api) |

**Sample Response:**

{

"status": "1",

"message": "Tickets booked successfully",

"data": [

{

"id": 13017,

"pnr": "ODCL65057",

"users\_id": 24,

"bus\_id": 592,

"source\_id": 82,

"destination\_id": 53,

"client\_comission": 55.04,

"journey\_dt": "2022-08-10",

"boarding\_point": "Bermunda",

"dropping\_point": "sector",

"boarding\_time": "21:20:00",

"dropping\_time": "00:06:00",

"src\_name": "Bhubaneswar",

"dest\_name": "Baripada",

"users": {

"id": 24,

"name": "nancy",

"email": null,

"phone": "1234567898"

},

"bus": {

"id": 592,

"name": "PANI COACH",

"bus\_number": "OR 05 AL 0768",

"bus\_type\_id": 12,

"bus\_sitting\_id": 12,

"bus\_type": {

"id": 12,

"bus\_class\_id": 1,

"name": "A/C SEATER",

"bus\_class": {

"id": 1,

"class\_name": "AC"

}

},

"bus\_sitting": {

"id": 12,

"name": "2+2"

},

"bus\_contacts": {

"bus\_id": 592,

"phone": "7749088101,7749088102"

}

},

"booking\_detail": [

{

"id": 17052,

"booking\_id": 13017,

"bus\_seats\_id": 92595,

"passenger\_name": "nancy",

"passenger\_gender": "M",

"bus\_seats": {

"id": 92595,

"seats\_id": 2976,

"seats": {

"id": 2976,

"seatText": "12"

}

}

},

{

"id": 17053,

"booking\_id": 13017,

"bus\_seats\_id": 92596,

"passenger\_name": "nancy1",

"passenger\_gender": "M",

"bus\_seats": {

"id": 92596,

"seats\_id": 2978,

"seats": {

"id": 2978,

"seatText": "20"

}

}

}

],

"client\_wallet": [

{

"booking\_id": 13017,

"balance": 251080.13

}

]

}

]

}

# 12.ClientCancelTicketinfo

Method:POST

Ticket cancel information against pnr.

**Request URL:**

[https://testing.odbus.co.in/api/ClientCancelTicketinfo?pnr={pnr}](https://testing.odbus.co.in/api/TicketConfirmation?transaction_id={transaction_id})

**Request Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Type | Required | Description |
| pnr | string | Yes | pnr of ticket |

**Sample Response:**

{

"status": "1",

"message": "Record Fetched Successfully",

"data": {

"cancel\_status": true,

"refundAmount": 977.26,

"deductionPercentage": "20%",

"deductAmount": 244.32,

"totalfare": 1221.58,

"clientCancelCommission": 122.16,

"odbusCancelCommission": 122.16

}

}

**Error Response:**

{

"status": "0",

"message": "Not a valid Client Booking or pnr mismatch",

"data": null

}

# 13.ClientTicketCancellation

Method:POST

Ticket cancellation against pnr.

**Request URL:**

[https://testing.odbus.co.in/api/ClientTicketCancellation?pnr={pnr}](https://testing.odbus.co.in/api/TicketConfirmation?transaction_id={transaction_id})

**Request Parameters:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Type | Required | Description |
| pnr | string | Yes | pnr of ticket |

**Sample Response:**

{

"status": "1",

"message": "Ticket cancellation successful",

"data": {

"source": "Bhubaneswar",

"destination": "Baripada",

"bookingDetails": [

{

"id": 13017,

"pnr": "ODCL65057",

"users\_id": 24,

"user\_id": 205,

"bus\_id": 592,

"source\_id": 82,

"destination\_id": 53,

"client\_comission": 55.04,

"journey\_dt": "2022-08-10",

"boarding\_point": "Bermunda",

"dropping\_point": "sector",

"boarding\_time": "21:20:00",

"dropping\_time": "00:06:00",

"total\_fare": 917.4,

"users": {

"id": 24,

"name": "nancy",

"email": null,

"phone": "1234567898"

},

"bus": {

"id": 592,

"name": "PANI COACH",

"bus\_number": "OR 05 AL 0768",

"bus\_type\_id": 12,

"bus\_sitting\_id": 12

},

"booking\_detail": [

{

"id": 17052,

"booking\_id": 13017,

"bus\_seats\_id": 92595,

"passenger\_name": "nancy",

"passenger\_gender": "M",

"bus\_seats": {

"id": 92595,

"seats\_id": 2976,

"seats": {

"id": 2976,

"seatText": "12"

}

}

},

{

"id": 17053,

"booking\_id": 13017,

"bus\_seats\_id": 92596,

"passenger\_name": "nancy1",

"passenger\_gender": "M",

"bus\_seats": {

"id": 92596,

"seats\_id": 2978,

"seats": {

"id": 2978,

"seatText": "20"

}

}

}

]

}

],

"cancel\_status": true,

"refundAmount": 733.92,

"deductionPercentage": "20%",

"deductAmount": 183.48,

"totalfare": 917.4,

"OdbusCancelCommission": 155.96,

"ClientCancelCommission": 27.52

}

}

**Error Response:**

{

"status": "0",

"message": "Not a valid Client Booking or pnr mismatch",

"data": null

}