**ODBUS CONSUMER APIs**

[**1.1 Location API** 2](#_Toc74235297)

[**1.2 Listing API** 2](#_Toc74235298)

[**1.3 FilterOptions API** 5](#_Toc74235299)

[**1.4 View Seats API** 8](#_Toc74235300)

[**1.5 PriceOnSeatSelection API** 13](#_Toc74235301)

[**1.6 Filter API(**work pending with safety,review,gallery,booking policies**)** 14](#_Toc74235302)

[**1.7 Get Boarding/Dropping Points API** 16](#_Toc74235303)

[**1.8 Get AllLocations API** 17](#_Toc74235304)

## **1.1 Location API**

<http://localhost:8000/api/getLocation>

**Valid Request/Response**

**Request**:

{

    "locationName":"Bhu"

}

**Response**:

{

    "status": "1",

    "message": "Record Fetched Successfully",

    "data": [

        {

            "id": 1291,

            "name": "Bhubaneswar"

        },

        {

            "id": 1348,

            "name": "Bhusan"

        },

        {

            "id": 1497,

            "name": "Bhutamundi"

        },

        {

            "id": 1652,

            "name": "BHUSANDPUR"

        }

    ]

}

## **1.2 Listing API**

[http://localhost:8000/api/](http://localhost:8000/api/getLocation)Listing

**Valid Request and Response:**

**Request**:

{

    "source":"Bhubaneswar",

    "destination":"Sambalpur",

    "entry\_date":"08-05-2021"

}

**Response**:

{

    "status": "1",

    "message": "Record Fetched Successfully",

    "data": [

        {

            "busId": 1,

            "busName": "Khambeswari",

            "popularity": 1,

            "busNumber": "OD 02 BE 1002",

            "operatorId": 1,

            "operatorName": "GPM Travels",

            "sittingType": "2+2",

            "busType": "AC",

            "busTypeName": "VOLVO",

            "totalSeats": 5,

            "seater": 3,

            "sleeper": 2,

            "startingFromPrice": 320,

            "departureTime": "2021-06-04 22:00:00",

            "arrivalTime": "2021-06-05 15:32:15",

            "totalJourneyTime": "17 hours 32 minutes ",

            "amenityName": "wifi",

            "amenityIcon": ""

        },

        {

            "busId": 4,

            "busName": "JagaKalia",

            "popularity": 1,

            "busNumber": "OD 02 BE 1002",

            "operatorId": 1,

            "operatorName": "GPM Travels",

            "sittingType": "2+2",

            "busType": "NON AC",

            "busTypeName": "DELUX",

            "totalSeats": 7,

            "seater": 2,

            "sleeper": 5,

            "startingFromPrice": 380,

            "departureTime": "2021-06-04 21:00:00",

            "arrivalTime": "2021-06-04 09:00:00",

            "totalJourneyTime": "12 hours 0 minutes ",

            "amenityName": "wifi",

            "amenityIcon": ""

        }

    ]

}

**Invalid Request and Response:**

**Request**:

{

    "source":"Bhubaneswar",

    "destination":"Sambaaaalpur",

    "entry\_date":"08-05-2021"

}

**Response**:

{

    "status": "1",

    "message": "Record Fetched Successfully",

    "data": ""

}

## **1.3 FilterOptions API**

[http://localhost:8000/api/](http://localhost:8000/api/getLocation)FilterOptions

**Valid Request and Response:**

**Request**:

{

    "sourceID":"1291",

    "destinationID":"1294"

}

**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": 1,

                    "boarding\_point": "Bermunda"

                },

                {

                    "id": 2,

                    "boarding\_point": "CRPF"

                },

                {

                    "id": 3,

                    "boarding\_point": "Rasulgarh"

                },

                {

                    "id": 4,

                    "boarding\_point": "Palasuni"

                }

            ],

            "dropingPoints": [

                {

                    "id": 5,

                    "boarding\_point": "Sambalpur Town"

                },

                {

                    "id": 6,

                    "boarding\_point": "Hirakud"

                }

            ],

            "busOperator": [

                {

                    "id": 1,

                    "operator\_name": "GPM Travels"

                },

                {

                    "id": 2,

                    "operator\_name": "DD BUS Service"

                },

                {

                    "id": 3,

                    "operator\_name": "KK"

                },

                {

                    "id": 4,

                    "operator\_name": "SAS services"

                },

                {

                    "id": 5,

                    "operator\_name": "NEXO Travels"

                },

                {

                    "id": 6,

                    "operator\_name": "demo"

                }

            ],

            "amenities": [

                {

                    "id": 15,

                    "icon": "",

                    "name": "music system",

                    "Disabled": "false"

                },

                {

                    "id": 16,

                    "icon": "",

                    "name": "wifi",

                    "Disabled": "false"

                }

            ]

        }

    ]

}

## **1.4 View Seats API**

[http://localhost:8000/api/](http://localhost:8000/api/getLocation)viewSeats

**Valid Request and Response:**

**Request**:

{

    "busId": 1

}

**Response**:

{

    "status": "1",

    "message": "Record Fetched Successfully",

    "data": {

        "bus": [

            {

                "id": 1,

                "name": "Khambeswari",

                "bus\_seat\_layout\_id": 1

            }

        ],

        "lower\_berth": [

            {

                "id": 1,

                "bus\_seat\_layout\_id": 1,

                "seat\_class\_id": 1,

                "berthType": "1",

                "seatText": "ST1",

                "rowNumber": 1,

                "colNumber": 1,

                "bus\_seats": {

                    "id": 1,

                    "bus\_id": 1,

                    "ticket\_price\_id": 1,

                    "seats\_id": 1,

                    "category": 0,

                    "bookStatus": 1,

                    "duration": "0",

                    "new\_fare": 0,

                    "created\_at": "2021-04-30T09:42:46.000000Z",

                    "updated\_at": "2021-05-24T12:02:27.000000Z",

                    "created\_by": "Admin",

                    "status": 0

                }

            },

            {

                "id": 2,

                "bus\_seat\_layout\_id": 1,

                "seat\_class\_id": 1,

                "berthType": "1",

                "seatText": "ST2",

                "rowNumber": 1,

                "colNumber": 2,

                "bus\_seats": {

                    "id": 2,

                    "bus\_id": 1,

                    "ticket\_price\_id": 2,

                    "seats\_id": 2,

                    "category": 0,

                    "bookStatus": 1,

                    "duration": "0",

                    "new\_fare": 0,

                    "created\_at": "2021-06-06T23:08:17.000000Z",

                    "updated\_at": "2021-06-06T23:08:17.000000Z",

                    "created\_by": "Admin",

                    "status": 1

                }

            },

            {

                "id": 3,

                "bus\_seat\_layout\_id": 1,

                "seat\_class\_id": 3,

                "berthType": "1",

                "seatText": "st",

                "rowNumber": 1,

                "colNumber": 3,

                "bus\_seats": {

                    "id": 4,

                    "bus\_id": 1,

                    "ticket\_price\_id": 1,

                    "seats\_id": 3,

                    "category": 0,

                    "bookStatus": 1,

                    "duration": "0",

                    "new\_fare": 0,

                    "created\_at": "2021-06-07T14:01:36.000000Z",

                    "updated\_at": "2021-06-07T14:01:36.000000Z",

                    "created\_by": "Admin",

                    "status": 0

                }

            },

            {

                "id": 4,

                "bus\_seat\_layout\_id": 1,

                "seat\_class\_id": 1,

                "berthType": "1",

                "seatText": "ST3",

                "rowNumber": 1,

                "colNumber": 4,

                "bus\_seats": {

                    "id": 9,

                    "bus\_id": 4,

                    "ticket\_price\_id": 2,

                    "seats\_id": 4,

                    "category": 0,

                    "bookStatus": 1,

                    "duration": "0",

                    "new\_fare": 0,

                    "created\_at": "2021-06-08T17:46:33.000000Z",

                    "updated\_at": "2021-06-08T17:46:33.000000Z",

                    "created\_by": "Admin",

                    "status": 0

                }

            },

            {

                "id": 5,

                "bus\_seat\_layout\_id": 1,

                "seat\_class\_id": 1,

                "berthType": "1",

                "seatText": "ST4",

                "rowNumber": 1,

                "colNumber": 5,

                "bus\_seats": {

                    "id": 3,

                    "bus\_id": 4,

                    "ticket\_price\_id": 1,

                    "seats\_id": 5,

                    "category": 0,

                    "bookStatus": 1,

                    "duration": "0",

                    "new\_fare": 0,

                    "created\_at": "2021-06-06T23:08:17.000000Z",

                    "updated\_at": "2021-06-06T23:08:17.000000Z",

                    "created\_by": "Admin",

                    "status": 1

                }

            },

            {

                "id": 6,

                "bus\_seat\_layout\_id": 1,

                "seat\_class\_id": 1,

                "berthType": "1",

                "seatText": "ST5",

                "rowNumber": 2,

                "colNumber": 1,

                "bus\_seats": {

                    "id": 5,

                    "bus\_id": 1,

                    "ticket\_price\_id": 1,

                    "seats\_id": 6,

                    "category": 0,

                    "bookStatus": 0,

                    "duration": "0",

                    "new\_fare": 0,

                    "created\_at": "2021-06-07T14:02:51.000000Z",

                    "updated\_at": "2021-06-07T14:02:51.000000Z",

                    "created\_by": "Admin",

                    "status": 0

                }

            },

            {

                "id": 7,

                "bus\_seat\_layout\_id": 1,

                "seat\_class\_id": 1,

                "berthType": "1",

                "seatText": "ST6",

                "rowNumber": 2,

                "colNumber": 2,

                "bus\_seats": **null**

            },

            {

                "id": 8,

                "bus\_seat\_layout\_id": 1,

                "seat\_class\_id": 4,

                "berthType": "1",

                "seatText": "vip",

                "rowNumber": 2,

                "colNumber": 3,

                "bus\_seats": **null**

            },

            {

                "id": 9,

                "bus\_seat\_layout\_id": 1,

                "seat\_class\_id": 1,

                "berthType": "1",

                "seatText": "ST7",

                "rowNumber": 2,

                "colNumber": 4,

                "bus\_seats": **null**

            },

            {

                "id": 10,

                "bus\_seat\_layout\_id": 1,

                "seat\_class\_id": 1,

                "berthType": "1",

                "seatText": "ST8",

                "rowNumber": 2,

                "colNumber": 5,

                "bus\_seats": **null**

            }

        ],

        "lowerBerth\_totalRows": 2,

        "lowerBerth\_totalColumns": 5,

        "upper\_berth": [

            {

                "id": 11,

                "bus\_seat\_layout\_id": 1,

                "seat\_class\_id": 2,

                "berthType": "2",

                "seatText": "SL1",

                "rowNumber": 1,

                "colNumber": 1,

                "bus\_seats": **null**

            },

            {

                "id": 12,

                "bus\_seat\_layout\_id": 1,

                "seat\_class\_id": 2,

                "berthType": "2",

                "seatText": "SL2",

                "rowNumber": 1,

                "colNumber": 2,

                "bus\_seats": **null**

            },

            {

                "id": 14,

                "bus\_seat\_layout\_id": 1,

                "seat\_class\_id": 2,

                "berthType": "2",

                "seatText": "SL4",

                "rowNumber": 1,

                "colNumber": 4,

                "bus\_seats": **null**

            }

        ],

        "upperBerth\_totalRows": 1,

        "upperBerth\_totalColumns": 4

    }

}

**Invalid Request and Response:**

**Request**:

{

    "busId": 122222222222222222

}

**Response:**

{

    "status": "1",

    "message": "Record Fetched Successfully",

    "data": []

}

## **1.5 PriceOnSeatSelection API**

<http://localhost:8000/api/PriceOnSeatsSelection>

**Valid Request/Response**

**Request**:

     {

         "busId": 1,

         "sourceId":1291,

          "destinationId":1294,

         "seater": [2,3,4],

          "sleeper": [13,14]

     }

**Response**:

{

    "status": "1",

    "message": "Record Fetched Successfully",

    "data": 1860

}

## **1.6 Filter API(**work pending with safety,review,gallery,booking policies**)**

[http://localhost:8000/api/Filter](http://localhost:8000/api/getLocation)

**Valid Request/Response**

**Request**:

{

    "sourceID":"1291",

    "destinationID":"1294",

    "entry\_date":"08-05-2021",

    "busType":[0,1],

    "seatType":[1,2,3],

    "boardingPointId":[1,4,3],

    "dropingingPointId":[5,6,4],

    "operatorId":[1,2],

    "amenityId":[15,16]

}

**Response**:

{

    "status": "1",

    "message": "Record Fetched Successfully",

    "data": [

        {

            "busId": 1,

            "busName": "Khambeswari",

            "popularity": 1,

            "busNumber": "OD 02 BE 1002",

            "operatorId": 1,

            "operatorName": "GPM Travels",

            "sittingType": "2+2",

            "busType": "AC",

            "busTypeName": "VOLVO",

            "totalSeats": 4,

            "seaters": 2,

            "sleepers": 2,

            "startingFromPrice": 320,

            "departureTime": "2021-06-04 22:00:00",

            "arrivalTime": "2021-06-05 15:32:15",

            "totalJourneyTime": "17 hours 32 minutes ",

            "name": [

                "music system",

                "wifi"

            ],

            "icon": [

                "",

                ""

            ]

        },

        {

            "busId": 4,

            "busName": "JagaKalia",

            "popularity": 1,

            "busNumber": "OD 02 BE 1002",

            "operatorId": 1,

            "operatorName": "GPM Travels",

            "sittingType": "2+2",

            "busType": "NON AC",

            "busTypeName": "DELUX",

            "totalSeats": 2,

            "seaters": 1,

            "sleepers": 1,

            "startingFromPrice": 380,

            "departureTime": "2021-06-04 21:00:00",

            "arrivalTime": "2021-06-04 09:00:00",

            "totalJourneyTime": "12 hours 0 minutes ",

            "name": [

                "music system"

            ],

            "icon": [

                ""

            ]

        }

    ]

}

## **1.7 Get Boarding/Dropping Points API**

[http://localhost:8000/api/BoardingDroppingPoints](http://localhost:8000/api/getLocation)

**Valid Request/Response**

**Request**:

{

    "locationId": "1291"

}

**Response**:

{

    "status": "1",

    "message": "Record Fetched Successfully",

    "data": [

        {

            "boardingPoints": [

                {

                    "id": 1,

                    "boarding\_point": "Bermunda"

                },

                {

                    "id": 2,

                    "boarding\_point": "CRPF"

                },

                {

                    "id": 3,

                    "boarding\_point": "Rasulgarh"

                },

                {

                    "id": 4,

                    "boarding\_point": "Palasuni"

                }

            ],

            "droppoingPoints": [

                {

                    "id": 5,

                    "boarding\_point": "Sambalpur Town"

                },

                {

                    "id": 6,

                    "boarding\_point": "Hirakud"

                }

            ]

        }

    ]

}

**Invalid Request and Response:**

**Request**:

{

    "locationId": "1"

}

**Response**:

{

    "status": "1",

    "message": "Record Fetched Successfully",

    "data": []

}

## **1.8 Get AllLocations API**

<http://localhost:8000/api/AllLocations>

**Valid Response**

**Response**:

{

    "status": "1",

    "message": "Record Fetched Successfully",

    "data": [

        {

            "name": "Adaba"

        },

        {

            "name": "Adaspur"

        },

        {

            "name": "Agalpuraa"

        },

        {

            "name": "AmardaRoad-Baripada"

        },

        {

            "name": "Ambapani"

        },

        {

            "name": "Ambikapur"

        },

        {

            "name": "Ampani"

        },

        {

            "name": "Anandapur"

        },

        {

            "name": "Anandpur"

        },

        {

            "name": "Angul"

        },

        {

            "name": "Arang-Chhattisgarh"

        },

        {

            "name": "Asansol"

        },

        {

            "name": "Asika"

        },

        {

            "name": "Aska"

        },

        {

            "name": "Asurabandha"

        },

        {

            "name": "Asureswar"

        },

        {

            "name": "Athagarh"

        },

        {

            "name": "Athamallick"

        },

        {

            "name": "Aul"

        },

        {

            "name": "Badagada"

        },

        {

            "name": "Badagaon"

        },

        {

            "name": "Baghicha"

        },

        {

            "name": "Bahalada"

        },

        {

            "name": "Baharaguda"

        },

        {

            "name": "Baipariguda"

        },

        {

            "name": "Baisinga"

        },

        {

            "name": "Balangir"

        },

        {

            "name": "Balasore"

        },

        {

            "name": "Balia"

        },

        {

            "name": "Baliapal"

        },

        {

            "name": "Balichandrapur"

        },

        {

            "name": "Baliguda"

        },

        {

            "name": "Balikuda"

        },

        {

            "name": "Balimela"

        },

        {

            "name": "Balipadar"

        },

        {

            "name": "Balipatpur"

        },

        {

            "name": "Balisankara"

        },

        {

            "name": "Balugaon"

        },

        {

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