



API FUNCTIONAL SPECIFICATION DOCUMENT

RESTful Web Service for Credit Agents

Document History

DATE	VERSION	CHANGE REFERENCE
21/06/2023	1.0	Initial Document
22/07/2023	1.1	Error Codes added



The Parmar Tour API is organized around REST. Our API has predictable resource-oriented URLs, accepts form-encoded request bodies, and returns JSON-encoded responses.

You can use the Parmar Tour API in test mode, which doesn't affect your live data. The IP Address from where you request determines whether the request is live mode or test mode.

Authentication.

The Parmar Tour API uses IP Address of the source from where API being accessed. Client has to register with the Parmar Tour with Test and Live IP Addresses to get access.

Base URL

ENVIRONMENT	URL
Test	https://parmartours.com:8443/parmartour/Test
Live	https://parmartours.com:8443/parmartour/live



Service Methods

Following methods best describes about the input techniques involved in Parmar Tours API web services for their credit agents.

FOR INVENTORY TICKETS

REQUEST	TYPE	METHOD NAME
Agent Details	GET	getAgentDetails
Attraction List	GET	getAttractionList
Ticket Type Price	GET	getPriceForTicketType
Confirm Booking	POST	confirmBooking

FOR API TICKETS

REQUEST	TYPE	METHOD NAME
Agent Details	POST	getAgentDetails
Attraction List	POST	getAttractionList
Time Slot List	POST	getTimeSlotList
Ticket Type Price	POST	getPriceForTicketType
Save Booking	POST	saveBooking
Confirm Booking	POST	confirmBooking



1. Agent Details

This service request is used to get Agent Details like contacts, credit limit, available limit, current balance, etc.,

1.1 Request

Body of the request should contain the flowing data:

FIELD	REQUIRED	TYPE	DESCRIPTION
userName	Yes	String	User Name of the Agent
userPassword	Yes	String	Password of the Agent

Sample Request:

```
{
  "userName": "traveldesk@orangetours.com",
  "userPassword": "Orange@2023"
}
```

1.2 Response

Body of response will contain all details related to Agent.

Sample Response

```
{
  "agencyName": "Orange Tours",
  "agencyCode": "56789",
  "agencyCountry": null,
  "agencyCity": "Chennai",
  "agencyAddress": "Chennai",
  "agencyEmail": "traveldesk@orangetours.com",
  "agencyPhoneNumber": "9952411164",
  "agencyWebsite": "www.orangetours.com",
}
```



API Functional Specs

```
"agencyCreditType": "CREDIT",  
"creditLimit": 50000.0,  
"creditUtilized": 3054.0,  
"currentBalance": 46946.0,  
"userName": "traveldesk@orangetours.com",  
"userPassword": null,  
"errorCode": 200,  
"errorMessage": "Success"  
}
```



2. Attraction List

This service request is used to get List Attraction that Agent can booking using Parmar Tours API.

2.1 Request

Body of the request should contain the flowing data:

FIELD	REQUIRED	TYPE	DESCRIPTION
userName	Yes	String	User Name of the Agent
userPassword	Yes	String	Password of the Agent

Sample Request:

```
{
  "userName": "traveldesk@orangetours.com",
  "userPassword": "Orange@2023"
}
```

2.2 Response

Body of response will contain List of Attractions and its Ticket Types.

Sample Response

```
{
  "attractionList": [
    {
      "attractionId": 9,
      "attractionName": "SKI DUBAI SNOW CLASSIC",
      "ticketTypeList": [
        {
          "ticketTypeId": 12,
          "ticketTypeName": "SNOW CLASSIC",
          "apiTicket": true
        }
      ]
    }
  ],
  {
    "attractionId": 12,
    "attractionName": "WILDWADI ",
  }
}
```



API Functional Specs

```
"ticketTypeList": [  
  {  
    "ticketTypeId": 5,  
    "ticketTypeName": "WILDWADI STANDARD",  
    "apiTicket": false  
  }  
],  
"errorCode": 200,  
"errorMessage": "Success"  
}
```



3. Time Slot List

This service request is used to get the List of Time Slots available on a particular date that Agent can booking using Parmar Tours API. This method is only for API bookings, i.e, in the previos method response if you find "apiTicket": true under Ticket Type.

3.1 Request

Body of the request should contain the flowing data:

FIELD	REQUIRED	TYPE	DESCRIPTION
userName	Yes	String	User Name of the Agent
userPassword	Yes	String	Password of the Agent
bookingDate	Yes	String	Date of Booking
attractionId	Yes	Integer	Attraction ID
ticketTypeId	Yes	Integer	Ticket Type ID

Sample Request:

```
{
  "userName": "traveldesk@orangetours.com",
  "userPassword": "Orange@2023",
  "bookingDate": "2024-02-22",
  "attractionId": 128,
  "ticketTypeId": 397
}
```

3.2 Response

Body of response will contain List of Attractions and its Ticket Types.

Sample Response

```
{
  "agencyId": 158,
  "userName": "traveldesk@orangetours.com",
  "userPassword": "Orange@2023",
  "bookingDate": "2024-02-22T00:00:00.000+00:00",
  "ticketTypeId": 397,
  "agentServiceEventsPrice": [
    {
      "eventTypeID": "177",
      "eventID": "1307893",

```



API Functional Specs

```
"status": "0",
"available": "80",
"childPrice": "0",
"adultPrice": "0",
"resourceID": "228",
"eventName": "The Lounge - 154",
"startDateTime": "2024-02-22T09:00:00",
"endDateTime": "2024-02-22T11:00:00"
},
{
  "eventTypeID": "177",
  "eventID": "1307894",
  "status": "0",
  "available": "80",
  "childPrice": "0",
  "adultPrice": "0",
  "resourceID": "228",
  "eventName": "The Lounge - 154",
  "startDateTime": "2024-02-22T11:00:00",
  "endDateTime": "2024-02-22T13:00:00"
},
  "errorCode": 200,
  "errorMessage": "Success"
}
```




4. Ticket Type Price

This service request is used to get the price of a particular Ticket Type.

4.1 Request

Body of the request should contain the flowing data:

FIELD	REQUIRED	TYPE	DESCRIPTION
userName	Yes	String	User Name of the Agent
userPassword	Yes	String	Password of the Agent
attractionId	Yes	Integer	Attraction ID reviewed from the Attraction List request
ticketTypeId	Yes	Integer	Ticket Type ID received from the Attraction List request
bookingDate	For API Booking	String	Date Of Booking
eventTypeId	For API Booking	String	From the selected Time Slot
eventId	For API Booking	String	From the selected Time Slot
status	For API Booking	String	From the selected Time Slot
available	For API Booking	String	From the selected Time Slot
resourceId	For API Booking	String	From the selected Time Slot
eventName	For API Booking	String	From the selected Time Slot
startDateTime	For API Booking	String	From the selected Time Slot
endDateTime	For API Booking	String	From the selected Time Slot

Sample Request:

```
{
  "userName": "traveldesk@orangeretours.com",
  "userPassword": "Orange@2023",
  "bookingDate": "2024-02-22",
  "attractionId": 128,
  "ticketTypeId": 397,
  "eventTypeId": "177",
  "eventId": "1307894",
  "status": "0",
  "available": "80",
  "resourceId": "228",
  "eventName": "The Lounge - 154",
  "startDateTime": "2024-02-22T11:00:00",
  "endDateTime": "2024-02-22T13:00:00"
}
```



4.2 Response

Body of response will contain Ticket Type price for Adult and Child.

Sample Response

```
{
  "attractionId": 0,
  "ticketTypeId": 0,
  "adultPrice": 774.0,
  "childPrice": 0.0,
  "eventId": "1307894",
  "eventName": "The Lounge - 154",
  "eventTypeId": "177",
  "resourceId": "228",
  "startDateTime": "2024-02-22T11:00:00",
  "endDateTime": "2024-02-22T13:00:00",
  "available": "80",
  "status": "0",
  "tempReference":
    "Aoo7a2cqNHVr4UhMIRke7DJ1jjkVUCaKhckF71VhwDlcD6xOOXDPyV3RwdG71k7Kr8aSdfVOKYTv4fqB8
    Bc035CShXBbBR2VPxf5gOLTCB5z1RurmaYOjZtmkx34U570HfBdgASQkMaqhzGEpoQoSO",
  "errorCode": 0,
  "errorMessage": null
}
```



5. Save Booking

This service request is used to confirm the booking.

5.1 Request

Body of the request should contain the flowing data:

FIELD	REQUIRED	TYPE	DESCRIPTION
userName	Yes	String	User Name of the Agent
userPassword	Yes	String	Password of the Agent
attractionId	Yes	Integer	Attraction ID reviewed from the Attraction List request
ticketTypeId	Yes	Integer	Ticket Type ID received from the Attraction List request
bookingDate	No	String	Date Of Booking
nofAdult	For API Booking	Integer	Number Of Adult
nofChild	For API Booking	Integer	Number Of Adult
nofInfant	For API Booking	Integer	Number Of Adult
eventTypeId	For API Booking	String	From the selected Time Slot
eventId	For API Booking	String	From the selected Time Slot
status	For API Booking	String	From the selected Time Slot
available	For API Booking	String	From the selected Time Slot
resourceId	For API Booking	String	From the selected Time Slot
eventName	For API Booking	String	From the selected Time Slot
startDateTime	For API Booking	String	From the selected Time Slot
endDateTime	For API Booking	String	From the selected Time Slot
tempReference	For API Booking	String	From getPriceForTicketType

Sample Request:

```
{
  "userName": "traveldes@orangedtours.com",
  "userPassword": "Orange@2023",
  "bookingDate": "2024-02-22",
  "attractionId": 128,
  "ticketTypeId": 397,
  "eventTypeId": "177",
  "eventId": "1307894",
  "nofAdult": 1,
  "nofChild": 1,
  "status": "0",
  "available": "80",
  "resourceId": "228",
  "tempReference":
  "Aoo7a2cqNHVr4UhMIRke7DJ1jjkVUCaKhckF71VhwDlcD6xOXXDPyV3RwdG71k7Kr8aSdfVOKYTv4fqB8"
```



API Functional Specs

```
Bc035C$ShXBbBR2VPxf5gOLTCB5z1RurmaYOjZtmkx34U570HfBdgASQkMaqhZGEpoQoSO",
  "eventName": "The Lounge - 154",
  "startDateTime": "2024-02-22T11:00:00",
  "endDateTime": "2024-02-22T13:00:00"
}
```

1.1 Response

Body of response will contain Booking reference Number, List of ticket numbers.

Sample Response

```
{
  "userName": "traveldesk@orangetours.com",
  "userPassword": "Orange@2023",
  "bookingDate": "2024-02-22",
  "attractionId": 128,
  "ticketTypeId": 397,
  "eventTypeId": "177",
  "eventId": "1307894",
  "status": "0",
  "bookingId": "45874585",
  "available": "80",
  "resourceId": "228",
  "tempReference":
    "Aoo7a2cqNHVr4UhMIRke7DJ1jjKVUCaKhckF71VhwDlcD6xOOXDPyV3RwdG71k7Kr8a$dfVOkYTv4fqB8
    Bc035C$ShXBbBR2VPxf5gOLTCB5z1RurmaYOjZtmkx34U570HfBdgASQkMaqhZGEpoQoSO",
  "eventName": "The Lounge - 154",
  "startDateTime": "2024-02-22T11:00:00",
  "endDateTime": "2024-02-22T13:00:00"
}
```



6. Confirm Booking

This service request is used to confirm the booking.

6.1 Request

Body of the request should contain the flowing data:

FIELD	REQUIRED	TYPE	DESCRIPTION
userName	Yes	String	User Name of the Agent
userPassword	Yes	String	Password of the Agent
attractionId	Yes	Integer	Attraction ID reviewed from the Attraction List request
ticketTypeId	Yes	Integer	Ticket Type ID received from the Attraction List request
customerName	Yes	String	Name of the Customer
customerEmail	Yes	String	E-Mail ID of the Customer
customerPhoneNumber	Yes	String	Phone Number of the Customer
nofAdult	Yes (No For API)	Integer	Number of Adults
nofChild	No	Integer	Number Of Childs
nofInfant	No	Integer	Number Of Infants
travelDate	Yes	Date	Date of Travel
bookingId	For API Booking	String	Booking Id received in Save Booking API Call
tempReference	For API Booking	String	From saveBooking

Sample Request:

```
{
  "userName": "traveldesk@orangetours.com",
  "userPassword": "Orange@2023",
  "attractionId": 9,
  "ticketTypeId": 12,
  "customerName": "Raman",
  "customerEmail": "raman.m16@gmail.com",
  "customerPhoneNumber": "9952411164",
  "nofAdult": 2,
  "nofChild": 0,
  "travelDate": "2023-07-11",
  "bookingId": "45874585",
  "tempReference":
  "Aoo7a2cqNHVr4UhMIRke7DJ1jjkVUCaKhckF71VhwDlcD6xOOXDPyV3RwdG71k7Kr8aSdfVOKYTv4fqB8
  Bc035CShXBbBR2VPxf5gOLTCB5z1RurmaYOjZtmkx34U570HfBdgASQkMaqhzGEpoQoSO"
}
```



6.2 Response

Body of response will contain Booking reference Number, List of ticket numbers.

Sample Response

```
{
  "bookingRefNumber": "PT2023062990829",
  "childTickets": [],
  "adultTickets": [
    "6734278509",
    "6734278510"
  ],
  "ticketPdfPath": "https://b2b.parmartours.com/filestorage/PT2029999129850%20-%20INVPT2299.pdf",
  "errorCode": 200,
  "errorMessage": "Success"
}
```

**ERROR CODES**

Error Code	Error Message
350	You are not a registered User
351	You are not Authorized to access this service
352	Invalid Password
353	You are not Authorized to access this service from : XXX.XXX.XXX.XXX (IP Address).
487	Invalid Attraction ID
488	Invalid Ticket Type ID
495	Number of Adult cannot be empty
427	Customer Name is Mandatory
428	Customer Email is Mandatory
429	Customer Phone Number is Mandatory
505	Adult Ticket Not Available
504	Child Ticket Not Available
506	You do not have enough credit limit to complete this transaction