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Workflow

Tamarind global has 3 xml services URLs:

1. **BASE DETAILS SERVICE** - Used to create dump of the static data related to hotel list/city/country/ star rating. This dump should be refreshed time to time (recommended every fortnight/monthly) using: <https://<url>/BaseDetails.svc>
2. **TAMARIND DATA SERVICE** - Used to get rates, inventory, cost break up and cancellation policies. This data can be search using: <https://<url>/TamarindDataService.svc>
3. **BOOKING SERVICE** - Used to get rates, inventory, cost break up and cancellation policies. This data can be search using: <https://<url>/TamarindDataService.svc>

Service call flow to be followed:

1. Call Base Details to create a dump of static data for hotel/city/country.
2. Call Tamarind Data to get rates, inventory, and cancellation policy & cost break up for city hotels which user searched for.
3. Call Booking Service to add hotel to cart, confirm and cancel a hotel booking and view booking details.

Booking Flow Methods

Basic method to integrate for complete booking:

1. **GetHotels** (Returns list of hotels with Rates and availability based on search criteria.)
- **TAMARIND DATA SERVICE**
2. **InsertCartItem** (Adds booking in cart.)
- **BOOKING SERVICE**
3. **GetCartDetails** (Returns cart details before confirm booking.)
- **BOOKING SERVICE**
4. **ConfirmBooking** (Confirms the booking and generates quotationID.)
- **BOOKING SERVICE**
5. **GetBookedCartDetails** (Returns cart details of successful bookings.)
- **BOOKING SERVICE**
6. **CancelBooking** (To cancel Booking.)
- **BOOKING SERVICE**

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BASE DETAILS SERVICE

➤ <https://localhost/BaseDetails.svc>

Methods and Description:

1. *GetDestinations()*

- **Description:** Gives Destination List i.e. List of City for viewing brief description about the city.
- **Returns:** Destination List

No Input Parameter required.

Sample Request of *GetDestinations()*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibas="www.tamarindtours.in/IBaseDetails">
  <soapenv:Header/>
  <soapenv:Body>
    <ibas:GetDestinations/>
  </soapenv:Body>
</soapenv:Envelope>
```

XML Output of *GetDestinations()*:

```
<Destinations>
  <City>
    <ID>AGR</ID>
    <Name>Agra</Name>
  </City>
  <City>
    <ID>AMD</ID>
    <Name>Ahmedabad</Name>
  </City>
  <City>
    <ID>BKB</ID>
    <Name>Bikaner</Name>
  </City>
  <City>
    <ID>HYD</ID>
    <Name>Hyderabad</Name>
  </City>
</Destinations>
```

Description of each XML tag:

Tag	Description	Field Type
<Destinations>	Container for the city	-----
<City>	City main tag	----
<ID>	ID of the city	String
<Name>	Name of the city	String

2. *GetCities()*

- **Description:** Gives the List of Cities in India.
- **Returns:** City List

No Input Parameter required.

Sample Request of *GetCities()*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibas="www.tamarindtours.in/IBaseDetails">
  <soapenv:Header/>
  <soapenv:Body>
    <ibas:GetCities/>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *GetCities()*:

```
<Cities>
  <city>
    <CityCountryName>Agra, INDIA</CityCountryName>
    <CityID>AGR</CityID>
  </city>
  <city>
    <CityCountryName>Ranchi, INDIA</CityCountryName>
    <CityID>IXR</CityID>
  </city>
</Cities>
```

Description of each XML tag:

Tag	Description	Field Type
<Cities>	Container tag	----
<city>	Contains city details	----
<CityCountryName>	City with country name	String
<CityID>	City ID	String

3. *GetRoomTypes()*

- **Description:** This gives room type whether it is single, double, twin or an extra bed.
- **Returns:** Bed Type (single, double, twin, extra bed)

Note: For selecting extra bed user should select double or twin type of bed.

Sample Request of *GetRoomTypes()*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibas="www.tamarindtours.in/IBaseDetails">
  <soapenv:Header/>
  <soapenv:Body>
    <ibas:GetRoomTypes/>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *GetRoomTypes()*:

```
<ListOfRoomType>
  <RoomType>
    <Text>Single Room</Text>
    <Value>Single Room</Value>
  </RoomType>
</ListOfRoomType>
```


Description of each XML tag:

Tag	Description	Field Type
<ListOfRoomType>	Container for room type	----
<RoomType>	Contains detail for room type	----
<Text>	Name of the room	String
<Value>	ID of the room	String

4. *GetStarRatings()*

- **Description:** This gives star rating range whether it is from 1-2star, 2-3star,3-4star, 4-5star or a Heritage.
- **Returns:** Star rating list

Sample Request of *GetStarRatings()*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibas="www.tamarindtours.in/IBaseDetails">
  <soapenv:Header/>
  <soapenv:Body>
    <ibas:GetStarRatings/>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *GetStarRatings()*:

```
<ListOfStarRating>
  <StarRating>
    <Text>All</Text>
    <Value />
  </StarRating>
  <StarRating>
    <Text>1-2Star</Text>
    <Value>1-2</Value>
  </StarRating>
</ListOfStarRating>
```

Description of each XML tag:

Tag	Description	Field Type
<ListOfStarRating>	Container of star rating	
<StarRating>	Contains star rating details	
<Text>	Name of the star rating	String
<Value>	ID of the star rating	String

Note: If the text tag contains “All” then the value field (ID) is empty and the tag is written as <Value/>.

5. GetHotelList(ListHotelParam)

- **Description:** Gives Hotel list according to city ID and star ratings. An object of the class **ListHotelParam** has to be created and parameter value has to be passed.
- **Returns:** Hotel List

Note: If no value is passed it will not return hotel list and the search result will be for all hotels from the respective city.

Note: By default, star rating will be “All” i.e. hotel list will contain hotels with all ratings.

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
City ID	City ID	String	3	M
Star Rating	Star Rating	String	20	O

Sample Request of *GetHotelList(ListHotelParam)*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibas="www.tamarindtours.in/IBaseDetails"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibas:GetHotelList>
      <ibas:param>
        <tam:CityID>BOM</tam:CityID>
        <tam:StarRating></tam:StarRating>
      </ibas:param>
    </ibas:GetHotelList>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *GetHotelList(ListHotelParam)*:

```
<Hotels>
<Hotel>
  <HotelID>1</HotelID>
  <HotelName>ABs Apartments Mumbai</HotelName>
</Hotel>
<Hotel>
  <HotelID>572</HotelID>
  <HotelName>ACE Residency Mumbai</HotelName>
</Hotel>
<Hotel>
  <HotelID>3069</HotelID>
  <HotelName>Adlabs Imagica (Themepark), Mumbai</HotelName>
</Hotel>
</Hotels>
```

Description of each XML tag:

Tag	Description	Field Type
<Hotels>	Container tag for list of hotels	----
<Hotel>	Contains Hotel Details	----
<HotelID>	Hotel ID	String
<HotelName>	Hotel Name	String

6. *GetDestinationDetails(ListHotelParam)*

- **Description:** This function gives detail and brief description about the destination selected. An object of **ListHotelParam** class should be created and value to the CityID property should be assigned.
- **Returns:** Detail information of the CityID passed

Note: This function gives detail of the selected destination whereas *GetDestinations()* gives the list of destination.

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
City ID	City ID	String	3	M

Sample Request of *GetDestinationDetails (ListHotelParam)*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibas="www.tamarindtours.in/IBaseDetails"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibas:GetDestinationDetails>
      <ibas:param>
        <tam:CityID>AGR</tam:CityID>
        <tam:StarRating></tam:StarRating>
      </ibas:param>
    </ibas:GetDestinationDetails>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *GetDestinationDetails (ListHotelParam)*:

```
<Destination>
<Status>SUCCESS</Status>
<city>
<header>OVERVIEW OF THE CITY</header>
<details>Being well-known as the guardian of the Taj Mahal, it has always glittered with
magnificent monuments that illustrate the Mughal architectural innovations. An extensive and
bloated city, the Taj is not the lone attraction here. The Mughal inheritance has gifted it with a
royal fort sprinkled with fascinating tombs and mausoleums, which pose royally in front of the
Yamuna river </details>
```

```

</header>
<header>OTHERS</header>
  <details>Mulla Shukrullah Shirazi, the Prime Minister of Mughal emperor Shah Jahan who
  fancied building his own mausoleum in 1639, elaborately ornamented this masterpiece of
  glazed tiles. </details>
</city>
</Destination>

```

Description of each XML tag:

Tag	Description	Field Type
<Destination>	Container of the destination	----
<Status>	Response whether it is a success or a failure	----
<city>	Contains City Detail	----
<header>	Heading of the detail	String
<details>	Detailed description of the city	String

7. *GetMasterCurrency()*

- **Description:** This function gives Currency list
- **Returns:** Currency List

Sample Request of *GetMasterCurrency()*:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibas="www.tamarindtours.in/IBaseDetails">
  <soapenv:Header/>
  <soapenv:Body>
    <ibas:GetMasterCurrency/>
  </soapenv:Body>
</soapenv:Envelope>

```

XML output of *GetMasterCurrency()*:

```

<CurrencyList>
  <Currency>
    <CurrID>INR</CurrID>
    <CurrencyName>Indian Rupees</CurrencyName>
  </Currency>
</CurrencyList>

```

Description of each XML tag:

Tag	Description	Field Type
<CurrencyList>	Container for currencies	----
<Currency>	Currency details	----
<CurrID>	Currency ID	String
<CurrencyName>	Name of the Currency	String

8. *GetCountries()*

- **Description:** This function gives Countries list
- **Returns:** Countries List

Sample Request of *GetCountries()*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibas="www.tamarindtours.in/IBaseDetails">
  <soapenv:Header/>
  <soapenv:Body>
    <ibas:GetCountries/>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *GetCountries()*:

```
<Countries>
  <country>
    <Country_IATACode>AU </Country_IATACode>
    <CountryName>AUSTRALIA</CountryName>
  </country>
  <country>
    <Country_IATACode>AZ </Country_IATACode>
    <CountryName>AZERBAIJAN</CountryName>
  </country>
  <country>
    <Country_IATACode>BH </Country_IATACode>
    <CountryName>BAHRAIN</CountryName>
  </country>
</Countries>
```

Description of each XML tag:

Tag	Description	Field Type
< Countries>	Container for countries	----
< country>	Country details	----
< Country_IATACode>	Country ID	String
< CountryName >	Name of the Country	String

TAMARIND DATA SERVICE

➤ <https://<url>/TamarindDataService.svc>

Methods and Description:

1. *GetHotels(HotelSearchParam)*

- **Description:** Gives list of hotels as search result based on the criteria. An object of class **HotelSearchParam** has to be created and parameter with value has to be passed. This response also includes details like Rates and Availability too.
- **Returns:** Search Results based on the above criteria.

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
City ID	City ID	String	3	M
Check In Date	Check in date	Date	(mm/dd/yyyy)	M
Nights	Number of nights	Int	----	M
Hotel ID	Single HotelId or Comma Separated list of the HotelIDs (Max 20 HotelIDs limit)	String	200	O
Star Rating	Star Rating	String	20	O
SingleBed	SingleBed type count	Int	----	M
DoubleBed	DoubleBed type count	Int	----	M
TwinBed	TwinBed type count	Int	----	M
ExtraBed	Extra Bed count	Int	----	M
AgentMarket	Market of Agent (1 - India , 0 – NonIndia)	String	----	O
AllowOnrequest	View OnRequest Bookings	Boolean	----	O
OriginCountryID	BookingAgentsCountryIATACode	String	2	M

Note 1: Agent Market: If Client is consolidator i.e. having multiple Agents doing booking from different countries then set **AgentMarket** as **1** or **0**. **1 for agents from India and 0 for Agents from Countries Other than India**. As it is not a Mandatory field one can choose not to set anything.-(Not in Use)

Note 2: Extra Bed must be less than or equal to total number of Double Room count and Twin Room Count.

Note 3: Extra Bed is not applicable on all twin rooms; availability of extra bed differs from hotel to hotel.

Note 4: If one or more parameters of bed type are null then 0 has to be passed for other parameters.

For e.g. If only one single bed is selected then double bed, twin bed and extra bed count should be 0 i.e. SingleBed=1,DoubleBed=0,TwinBed=0,ExtraBed=0;

Note 5: “**AllowOnrequest**” field to be set to “True” if “On Request” bookings are acceptable by the Agent. Default value for this field is “False”.

Note 6: “OriginCountryID” field to be set to Country_IATACode (ie Booking Agent’s country of Origin) from the list of countries got from GetCountries() method in BaseService file. This is a mandatory field.

Note 7: An agent can now call **GetHotels()** in two ways:

1. With comma separated Tamarind hotelIds.(**This is Recommended**)

If HotelID is passed in **GetHotels()**, the you can pass maximum 20 HotelID comma separated. You will have to loop in case you need to pass the next set of 20 HotelID.

OR

2. No hotelId parameter (city search),

If no HotelID is passed in **GetHotels()**, the response will return top 100 of Tamarind’s preferred and best selling hotels. Max 100 HotelIds only will be passed.

Sample Request of *GetHotels(ListHotelParam)*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:itam="www.tamarindtours.in/ITamarindDataService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <itam:GetHotels>
      <itam:param>
        <tam:AgentMarket>0</tam:AgentMarket>
        <tam:AllowOnrequest>true</tam:AllowOnrequest>
        <tam:CheckinDate>2017-03-01</tam:CheckinDate>
        <tam:CityID>BOM</tam:CityID>
        <tam:DoubleBed>0</tam:DoubleBed>
        <tam:ExtraBed>0</tam:ExtraBed>
        <tam:HotelID>566,1521,87,17,22,37,1506,28,1855</tam:HotelID>
        <tam:Nights>1</tam:Nights>
        <tam:OriginCountryID>IN</tam:OriginCountryID>
        <tam:Rating></tam:Rating>
        <tam:SingleBed>1</tam:SingleBed>
        <tam:TwinBed>0</tam:TwinBed>
      </itam:param>
    </itam:GetHotels>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *GetHotels(ListHotelParam)*:

```
<Hotels>
<Status>SUCCESS</Status>
<hotel>
  <RateCardDetailID>0-222286,-566-BOM-1-1-1-0-0-0</RateCardDetailID>
  <CityID>BOM</CityID>
  <HotelID>566</HotelID>
  <HotelName>Airlines International, Mumbai</HotelName>
  <HotelRating>2*Dlx</HotelRating>
  <RoomCategoryID>1</RoomCategoryID>
  <RoomCatName>Standard Room</RoomCatName>
  <Desc>Bed & Breakfast</Desc>
  <ValueAddOn>NA</ValueAddOn>
  <HotelNotes>NA</HotelNotes>
  <TransferValue>Both ways Airport Transfers by Seat in Vehicle</TransferValue>
  <Weekday>1,2,3,4,5,6,7,</Weekday>
  <RateValidFrom>2016-10-01T00:00:00+05:30</RateValidFrom>
```

```

<RateValidTo>2017-03-31T00:00:00+05:30</RateValidTo>
<IsPreferred>>false</IsPreferred>
<Availability>On Request</Availability>
<RateOfferType>0</RateOfferType>
<taxRate>00.0</taxRate>
<GSTTotalPrice>0</GSTTotalPrice>
<TotalPrice>2925</TotalPrice>
<AgentCurrency>INR </AgentCurrency>
<Images>

<image>https://stagingxml.tamarindtours.in/images/566/Airlines_Intl_Exterior.JPG</image>

<image>https://stagingxml.tamarindtours.in/images/566/Airlines_Intl_Room.JPG</image>
</Images>
</hotel>
</Hotels>

```

Description of each XML tag:

Tag	Description	Field Type
<Hotels>	Container tag for list of hotels	----
<Status>	Status of the requested service	----
<hotel>	Contains Hotel Details	----
<HotelID>	Hotel ID	Int
<HotelName>	Hotel Name	String
<CityID>	City ID	String
<HotelRating>	Rating of Hotel	String
<RoomCategoryID>	Room Category ID	Int
<RoomCatName>	Name of room category	String
<Desc>	Description	String
<ValueAddOn>	Value Add On	String
<TransferValue>	Transfers	String

<IsPreferred>	Recommended Hotel	Boolean
<AgentCurrency>	Currency of the agent	String
<Availability>	Whether it is available or it is on request	String
<RateOfferType>	If the rate pertains to any special offer	Int
<GSTTotalPrice>	Price excluding tax rate	Decimal
<taxRate>	Tax Rate	Decimal
<TotalPrice>	Total Price	Decimal
<Images>	Container for <image> node	----
<image>	Name of the Image	String

Note 1 : <WeekDay> is an Internal field which is returned in the response.

*Note 2: <GSTTotalPrice> and <taxRate> are **not in use**.*

Note 3: <ValueAddOn> and <TransferValue> shows 'NA' when not available

Note 4: <RateOfferType> =1, pertains to Early Bird Rate.

Note 5: <RateOfferType> =2, pertains to Pay Less Stay More Offer.

2. SearchHotels(HotelSearchParam)

- **Description:** Gives list of hotels as search result based on the criteria. An object of class **HotelSearchParam** has to be created and parameter with value has to be passed. This response returns only list of Hotels with Overview and Images.
- **Returns:** Search Results based on the above criteria.

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
City ID	City ID	String	3	M
Check In Date	Check in date	Date	(mm/dd/yyyy)	M
Nights	Number of nights	Int	----	M
Star Rating	Star Rating	String	20	O
SingleBedType	SingleBed type count	Int	----	M
DoubleBedType	DoubleBed type count	Int	----	M
TwinBedType	TwinBed type count	Int	----	M
ExtraBed	Extra Bed count	Int	----	M
AllowOnrequest	Allow OnRequest Bookings	Boolean	----	O

Note : “AllowOnrequest” field to be set to “True” if “On Request” bookings are acceptable by the Agent. Default value for this field is “False”.

Sample Request of SearchHotels(ListHotelParam):

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:itam="www.tamarindtours.in/ITamarindDataService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <itam:SearchHotels>
      <itam:param>
        <tam:AgentMarket>0</tam:AgentMarket>
        <tam:AllowOnrequest>0</tam:AllowOnrequest>
        <tam:CheckinDate>2017-01-06</tam:CheckinDate>
```

```

    <tam:CityID>AGR</tam:CityID>
    <tam:DoubleBed>0</tam:DoubleBed>
    <tam:ExtraBed>0</tam:ExtraBed>
    <tam:HotelID>42</tam:HotelID>
    <tam:Nights>1</tam:Nights>
    <tam:OriginCountryID>IN</tam:OriginCountryID>
    <tam:Rating></tam:Rating>
    <tam:SingleBed>1</tam:SingleBed>
    <tam:TwinBed>0</tam:TwinBed>
  </itam:param>
</itam:SearchHotels>
</soapenv:Body>
</soapenv:Envelope>

```

XML output of *SearchHotels(ListHotelParam)*:

```

<Hotels>
  <Status>SUCCESS</Status>
  <hotel>
    <HotelID>42</HotelID>
    <HotelName>ITC Mughal</HotelName>
    <CityID>AGR</CityID>
    <HotelRating>5*Dlx</HotelRating>
    <IsPreferred>true</IsPreferred>
    <OverView>Situated close to the city centre and located on 35 acres of beautifully landscaped
gardens, close to the Taj Mahal. Some rooms offer a view of the Taj. It has had the honour of
receiving the British Safety Council's coveted Sword of Honour Award; for its commitment of
safety.</OverView>
    <Images>
      <image>noImage.jpg</image>
    </Images>
  </hotel>
  <hotel>
    <HotelID>45</HotelID>
    <HotelName>Oberoi Amarvilas</HotelName>
    <CityID>AGR</CityID>
    <HotelRating>5*Dlx</HotelRating>
    <IsPreferred>false</IsPreferred>
    <OverView>Enjoy the luxury of your own private view of the greatest monument to love. The
hotel is located 600 meters from the Taj Mahal, all our rooms, suites, lobby, bar and lounge offer
breathtaking views of the monument.</OverView>
    <Images>
      <image>noImage.jpg</image>
    </Images>
  </hotel>
</Hotels>

```

Description of each XML tag:

Tag	Description	Field Type
<Hotels>	Container tag for list of hotels	----
<Status>	Status of the requested service	----
<hotel>	Contains Hotel Details	----
<HotelID>	Hotel ID	Int
<HotelName>	Hotel Name	String
<CityID>	City ID	String
<HotelRating>	Rating of Hotel	String
<IsPreferred>	Recommended	Boolean
<OverView>	Overview of the Hotel	String
<Images>	Container for <image> node	----
<image>	Name of the Image	String

3. *GetHotelInfo(SingleHotel)*

- **Description:** Gives hotel information. An object of *SingleHotel* class should be created and value to the parameters should be assigned.
- **Returns:** Hotel information.

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
HotelID	Hotel ID	Int	----	M

Sample Request of *GetHotelInfo(SingleHotel)*:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:itam="www.tamarindtours.in/ITamarindDataService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <itam:GetHotelInfo>
      <itam:hotel>
        <tam:HotelID>22</tam:HotelID>
      </itam:hotel>
    </itam:GetHotelInfo>
  </soapenv:Body>
</soapenv:Envelope>

```

XML output of *GetHotelInfo(SingleHotel)*:

```

<HotelInfo>
  <Status>SUCCESS</Status>
  <BasicInfo>
    <HotelID>22</HotelID>
    <HotelName>Grand Hyatt, Mumbai</HotelName>
    <HotelRating>5*Dlx</HotelRating>
    <HotelAddress>Off. Western Express Highway,
Santacruz - E, Mumbai 400055</HotelAddress>
    <STDCode>22</STDCode>
    <PhoneNo1>22~66761234</PhoneNo1>
    <PhoneNo3 />
    <PhoneNo4 />
    <FaxNo>22~66761235</FaxNo>
    <City>Mumbai (Bombay)</City>
    <HotelChainName>Hyatt Hotels & Resorts</HotelChainName>
  </BasicInfo>
  <Header>
    <HotelHeader>OVERVIEW</HotelHeader>
    <HotelHeaderDetails>Grand Hyatt Mumbai Hotel is in the centre of Mumbai (Bombay),
India. More than a hotel, Grand Hyatt Mumbai is a multi-dimensional lifestyle complex set
on 12 acres of landscaped gardens & water features. Located just ten minutes from
Mumbai's domestic airport and 20 minutes from the international airport, the hotel is in close
proximity to Bandra-Kurla complex, Mumbai's rapidly developing business
district.</HotelHeaderDetails>
    <HotelDetailsID>2</HotelDetailsID>
  </Header>
  <Header>
    <HotelHeader>ROOMS & SUITES</HotelHeader>

```



```

<HotelHeaderDetails>Grand King<br> Enjoy floor-to-ceiling windows with
courtyard or city views, plus modern decor with light Sycamore wood paneling and golden
Jaisalmer stone. Spacious 40-sq.-metre interiors include a king bed, marble bath with separate
tub and shower and oversized work desk with high-speed Internet access.
</HotelHeaderDetails>
<HotelDetailsID>1299</HotelDetailsID>
</Header>
<Header>
<HotelHeader>FACILITIES</HotelHeader>
<HotelHeaderDetails>BUSINESS<br> Book A Meeting, Facility Search, Meeting
Special Offers, Programs & Services, Planner Resources, Planner
Newsletters<br><br> LEISURE, The hotel's exceptional facilities include Club
Oasis Fitness Centre & Spa offering a state-of-the-art gym, numerous relaxation
treatments, a pool and a host of outdoor recreation options including tennis, beach volleyball
and a 100-metre jogging track. </HotelHeaderDetails>
<HotelDetailsID>1168</HotelDetailsID>
</Header>
<Header>
<HotelHeader>FOOD & BEVERAGES</HotelHeader>
<HotelHeaderDetails>M<br> Grand Hyatt Mumbai's offering a grill, Martini bar
and wine library, is the first of its kind in India. M is the hotel's principal Western restaurant
with its culinary objective to offer select vegetables, best cuts of prime meats, seafood and
poultry from select locations around the world, using traditional cooking methods
<HotelDetailsID>1300</HotelDetailsID>
</Header>
<Images>
<HotelID>22</HotelID>
<ImageName>Grand Hyatt, Mumbai - Exterior.jpg</ImageName>
</Images>
<Images>
<HotelID>22</HotelID>
<ImageName>Grand Hyatt, Mumbai - Meetings & Events.jpg</ImageName>
</Images>
<image>https://stagingxml.tamarindtours.in/images/22/Grand Hyatt, Mumbai -
Exterior.jpg</image>
<image>https://stagingxml.tamarindtours.in/images/22/Grand Hyatt, Mumbai - Meetings
& Events.jpg</image>
<image>https://stagingxml.tamarindtours.in/images/22/Grand Hyatt, Mumbai -
Restaurant.jpg</image>
<image>https://stagingxml.tamarindtours.in/images/22/Grand Hyatt, Mumbai -
Room.jpg</image>

<image>https://stagingxml.tamarindtours.in/images/22/Grand_Executive_Room.jpg</image>
<image>https://stagingxml.tamarindtours.in/images/22/M_Restaurant.jpg</image>
</Images>
</HotelInfo>

```

Note: *<image> The url inside this node has to be decoded.*

Description of each XML tag:

Tag	Description	Field Type
<HotelInfo>	Container fro hotel information	----
<Status>	Status of the requested service	----
<BasicInfo>	Contains information of the hotel	----
<HotelID>	Hotel ID	Int
<HotelName>	Name of the hotel	String
<HotelRating>	Rating of hotel	String
<HotelAddress>	Address of hotel	String
<STDCode>	STD code	Int
<PhoneNo1>	Phone No.	String
<PhoneNo2>	Alternate Phone no.	String
<PhoneNo3>	Alternate Phone no	String
<FaxNo>	Fax no.	String
<City>	Name of the city	String
<HotelChainName>	Hotel Chain	String
<Header>	Container containing Hotel Other Information header	----
<HotelHeader>	Name of Header	String
<HotelHeaderDetails>	Details about the Header	String
<HotelDetailsID>	ID of HotelHeader	Int
<Images>	Container containing image nodes	----
<image>	Name of the image	String

Note: < HotelHeader > tag gets repeated for multiple Header Descriptions.

4. *GetCostBreakup(CostBreakupParam):*

- **Description:** Gives cost breakup. An object of *CostBreakupParam* class should be created and value to the parameters should be assigned.
- **Returns:** Cost Breakup of the selected hotel.

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
HotelRateCardDetailID	Hotel Rate card ID	Int	----	M
CheckinDate	Check in Date	Date	(mm/dd/yyyy)	M
SingleBed	Single Bed	Int	----	M
DoubleBed	DoubleBed	Int	----	M
TwinBed	TwinBed	Int	----	M
ExtraBed	ExtraBed	Int	----	M
Nights	Number of nights	Int	----	M
CancellationDetails	Cancellation Policy	Boolean	true (Recommended)	O

Sample Request of *GetCostBreakup(CostBreakupParam):*

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:itam="www.tamarindtours.in/ITamarindDataService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <itam:GetCostBreakup>
      <itam:brkupParam>
        <tam:CancellationDetails>true</tam:CancellationDetails>
        <tam:CheckinDate>2017-03-01</tam:CheckinDate>
        <tam:DoubleBed>0</tam:DoubleBed>
        <tam:ExtraBed>0</tam:ExtraBed>
        <tam:HotelRateCardDetailID>0-208656,-87-BOM-514-1-1-0-0-
0</tam:HotelRateCardDetailID>
        <tam:Nights>1</tam:Nights>
        <tam:SingleBed>0</tam:SingleBed>
        <tam:TwinBed>0</tam:TwinBed>
      </itam:brkupParam>
    </itam:GetCostBreakup>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    </itam:GetCostBreakup>
  </soapenv:Body>
</soapenv:Envelope>

```

XML output of GetCostBreakup(CostBreakupParam):

1. With CancellationDeatils=False

```

<CostBreakup>
  <Status>SUCCESS</Status>
  <DayWiseBreakup>
    <RateCardDetailsID>81140</RateCardDetailsID>
    <RoomCatID>1</RoomCatID>
    <WeekdayNames>F,S,S</WeekdayNames>
    <Description>Bed & Breakfast</Description>
    <SingleBedRate>2599.74</SingleBedRate>
    <DoubleBedRate>3033.03</DoubleBedRate>
    <TwinBedRate>0.00</TwinBedRate>
    <ExtraBedRate>866.58</ExtraBedRate>
    <LunchRate>506.18</LunchRate>
    <BreakfastRate>-1.00</BreakfastRate>
    <DinnerRate>506.18</DinnerRate>
    <Status>Available</Status>
    <TaxRate>00.0</TaxRate>
    <HotelName>Airlines International, Mumbai</HotelName>
    <Rooms>
      <room>1 Standard Room Single</room>
      <room>1 Standard Room Double</room>
      <room>1 Standard Room Extra</room>
    </Rooms>
    <CheckinDate>11/10/2013</CheckinDate>
    <CheckoutDate>11/11/2013</CheckoutDate>
    <ForDATE>11/10/2013</ForDATE>
    <ForDAY>Sunday</ForDAY>
    <DayCost>6499.35</DayCost>
  </DayWiseBreakup>
  <CancellationPolicy>If you cancel within 0-4days prior to arrival
you will be charged 1 Night/s retention.</CancellationPolicy>
</CostBreakup>

```

*** Note1:** “-1” indicates breakfast rates included in Room Rates

2. With CancellationDeatils=True

```
<CostBreakup>
  <Status>SUCCESS</Status>
  <DayWiseBreakup>
    <RateCardDetailsID>89322</RateCardDetailsID>
    <RoomCatID>1</RoomCatID>
    <WeekdayNames>M,T,W,T,F,S,S</WeekdayNames>
    <Description>European Plan</Description>
    <SingleBedRate>0.00</SingleBedRate>
    <DoubleBedRate>2708.06</DoubleBedRate>
    <TwinBedRate>0.00</TwinBedRate>
    <ExtraBedRate>0.00</ExtraBedRate>
    <LunchRate>0.00</LunchRate>
    <BreakfastRate>0.00</BreakfastRate>
    <DinnerRate>0.00</DinnerRate>
    <Status>Available</Status>
    <TaxRate>00.0</TaxRate>
    <HotelName>Airlines International, Mumbai</HotelName>
    <Rooms>
      <room>1 Standard Room Double</room>
    </Rooms>
    <CheckinDate>03/03/2014</CheckinDate>
    <CheckoutDate>03/04/2014</CheckoutDate>
    <ForDATE>03/03/2014</ForDATE>
    <ForDAY>Monday</ForDAY>
    <DayCost>2708.06</DayCost>
  </DayWiseBreakup>
  <CancellationPolicy>
    <DayFrom>0</DayFrom>
    <DayTo>4</DayTo>
    <ChargeByPercentage></ChargeByPercentage>
    <ChargeByNight>1</ChargeByNight>
  </CancellationPolicy>
</CostBreakup>
```

* **Note1:** “-1” indicate breakfast rates included in Room Rates

Description of each XML tag:

Tag	Description	Field Type
<CostBreakup>	Container tag for cost Breakup	----

<Status>	Status of the requested service	String
<DayWiseBreakup>	Detail day wise breakup	----
<RateCardDetailsID>	Rate Card Detail ID	String
<RoomCatID>	Room Category ID	Int
<WeekdayNames>	Initials of the applicable days	String
<Description>	Description of meals	String
<SingleBedRate>	Single Bed Rate	Decimal
<DoubleBedRate>	Double Bed Rate	Decimal
<TwinBedRate>	Twin Bed Rate	Decimal
<ExtraBedRate>	Extra Bed Rate	Decimal
<LunchRate>	Lunch Rate	Decimal
<BreakfastRate>	Breakfast Rate	Decimal
<DinnerRate>	Dinner Rate	Decimal
<Status>	Status whether available or on request	String
<TaxRate>	Tax Rate	Decimal
<HotelName>	Hotel Name	String
<Rooms>	Container tag containing room type	----
<room>	Contains room type and count	----
<CheckinDate>	Check in Date	(mm/dd/yyyy)
<CheckoutDate>	Check out Date	(mm/dd/yyyy)
<CancellationPolicy>	Any cancellation policies if applicable/ Container tag containing cancellation polices	String/----
<DayFrom>	From minimum No. Of days prior to arrival date	String
<DayTo>	To maximum No. Of days prior to arrival date	String

<ChargeByPercentage>	Cancellation Charges in percent	String
<ChargeByNight>	Cancellation Charges by No. Of nights	String
<ForDATE>	Date for which RatecardId is applicable	DateTime
<ForDAY>	Day according to date	DateTime
<DayCost>	Total Cost of that day	Decimal

Note1: It contains two <Status> tag. First <Status> tag is the Success-Failure<Status> tag which is the response of the requested service. Second, the availability status i.e. is the room available or it will be on request. (Second <Status> tag is the child node of <DaywiseBreakup> tag)

Note2: Each day has <DayCost> according RateCardID applicable for <ForDATE>

Note3: Total Cost can be calculated by adding all the <DayCost>

Note2: "<TaxRate>" is not in use

5. viewPendingApprovals()

- **Description:** Whenever the status of booking is 'On Request', it is populated into pending approvals. The OnRequest booking may be Confirmed or rejected by Tamarind staff depending on the availability at the hotel and the same is reflected in the list.
- **Returns:** List of pending approvals

No input parameters required.

Sample Request of viewPendingApprovals():

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:itam="www.tamarindtours.in/ITamarindDataService">
  <soapenv:Header/>
  <soapenv:Body>
    <itam:viewPendingApprovals/>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *viewPendingApprovals()*:

```
<PendingApprovals>
<Status>SUCCESS</Status>
<Pending>
<QuotationID>45680</QuotationID>
<QuotationNo>15410-1</QuotationNo>
<QuotationDate>03/21/2012</ QuotationDate >
<TotalCostWithCurrency>803.00
USD</TotalCostWithCurrency>
<ArrivalDate>03/02/2012</ArrivalDate>
<DepartureDate>03/03/2012</DepartureDate>
<CustomerName>TEST TEST</CustomerName>
<ApprovalHRS>10</ApprovalHRS>
<StaffUserName>Tamarind</StaffUserName>
</Pending>
</PendingApprovals>
```

Note: *<Pending>* tag gets repeated for multiple pending approvals.

Description of each XML tag:

Tag	Description	Field Type
<PendingApprovals>	Container tag for list of pending approvals	----
<Status>	Status of the requested service	----
<Pending>	Contains pending list	----
<QuotationID>	Quotation ID	Int
<QuotationNo>	Quotation No.	String
<QuotationDate>	Quotation Date	Date (mm/dd/yyyy)
<TotalCostWithCurrency>	Total Cost With Currency	String
<ArrivalDate>	Arrival Date	Date (mm/dd/yyyy)
<DepartureDate>	Departure Date	Date (mm/dd/yyyy)
<CustomerName>	Customer Name	String

<ApprovalHRS>	Time limit to approve or reject the booking	Datetime
<StaffUserName>	Staff User Name	String

6. *approvalreject(Quotation)*

- **Description:** Gives details of pending approvals. An object of *Quotation* class should be created and value to the parameters should be assigned.
- **Returns:** Details of pending approvals

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
QuotationID	Quotation ID	Int	----	M

Sample Request of *approvalreject(Quotation)*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:itam="www.tamarindtours.in/ITamarindDataService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <itam:approvalreject>
      <itam:app>
        <tam:CancellationDetails>true</tam:CancellationDetails>
        <tam:QuotationID>45524</tam:QuotationID>
      </itam:app>
    </itam:approvalreject>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *approvalreject(Quotation)*:

```
<PendingApprovalDetail>
<Status>SUCCESS</Status>
<PendingDetail>
<QuotationID>45524</QuotationID>
<CheckInDate>03/15/2012</CheckInDate>
```

```

<CheckOutDate>03/17/2012</CheckOutDate>
<NoOfNights>2</ NoOfNights >
<CartItemID>37</CartItemID>
<TotalRooms>1</TotalRooms>
<HotelName>Hilton Mumbai International Airport
(Ex Le Merid)</HotelName>
<FullName>Test HilT Y</FullName>
<Currency>USD</Currency>
<TotalCost>349.00</TotalCost>
<CreateDate>03/12/2012</CreateDate>
<BookingNo>9106-1</BookingNo>
<RoomCategoryName>Hilton Guest
Room</RoomCategoryName>
</PendingDetail>
<Rooms>
<SingleRoom>1</SingleRoom>
<DoubleRoom>0</DoubleRoom>
<TwinRoom>0</TwinRoom>
<ExtraBed>0</ExtraBed>
</Rooms>
</PendingApprovalDetail>

```

Description of each XML tag:

Tag	Description	Field Type
< PendingApprovalDetail>	Container tag containing detail of selected pending approval	----
<Status>	Status of the requested service	----
<PendingDetail>	Contains pending detail	----
<QuotationID>	Quotation ID	Int
<CheckInDate>	Check-in Date	DateTime(mm/dd/yyyy)
<CheckOutDate>	Check-out Date	DateTime(mm/dd/yyyy)
<NoOfNights>	Number of nights	Int
<CartItemID>	ID of the particular Cart Item	Int
<TotalRooms>	Total no. of rooms	Int
<HotelName>	Hotel Name	String

<FullName>	Full Name of Passenger	String
<Currency>	Currency	String
<TotalCost>	Total Cost	Decimal
<CreatedDate>	Booking Date	DateTime(mm/dd/yyyy)
<BookingNo>	Booking No.	String
<RoomCategoryName>	Room Category Name	String
<Room>	Container Tag containing count of each room type	----
<SingleRoom>	Single Room Count	Int
<DoubleRoom>	Double Room Count	Int
<TwinRoom>	Twin Room Count	Int
<ExtraBed>	Extra Bed Count	Int

Note: *Approvalreject()* gives complete details of a particular pending approval whereas *viewPendingApprovals()* gives list of pending approvals.

7. *GetCancellationPolicies(CancellationPoliciesParam)*

- **Description:** Returns the set of Cancellation Policies based on RateCardDetailsID. An object of ***CancellationPoliciesParam*** class should be created and value to the parameters should be assigned.
- **Returns:** Details of pending approvals

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
HotelRateCardDetailsID	Rate Card Details ID	String	---	M
CheckinDate	Check In Date	DateTime	---	M
CancellationDetails	Cancellation Policy	Boolean	true (Recommended)	O

Sample Request of GetCancellationPolicies(CancellationPolicyParam):

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:itam="www.tamarindtours.in/ITamarindDataService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <itam:GetCancellationPolicies>
      <itam:CancellationPolicy>
        <tam:CancellationDetails>true</tam:CancellationDetails>
        <tam:CheckinDate>2017-03-01</tam:CheckinDate>
        <tam:HotelRateCardDetailID>0-222286,-566-BOM-1-1-1-0-0-
0</tam:HotelRateCardDetailID>
      </itam:CancellationPolicy>
    </itam:GetCancellationPolicies>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of GetCancellationPolicies(CancellationPolicyParam):

1. When CancellationDetails =false

```
<CancellationPolicies>
  <Status>SUCCESS</Status>
  <CancellationPolicy>If you cancel within 0-16 days prior to arrival you will be charged
100.00 % of your booking amount.<br />If you cancel within 17-31days prior to arrival
you will be charged 1 Night/s retention. <br />
</CancellationPolicy>
</CancellationPolicies>
```

2. When CancellationDetails =true

```
<CancellationPolicies>
  <Status>SUCCESS</Status>
  <CancellationPolicy>
    <DayFrom>0</DayFrom>
    <DayTo>16</DayTo>
    <ChargeByPercentage>100%</ChargeByPercentage>
    <ChargeByNight></ChargeByNight>
  </CancellationPolicy>
  <CancellationPolicy>
    <DayFrom>17</DayFrom>
    <DayTo>31</DayTo>
    <ChargeByPercentage></ChargeByPercentage>
    <ChargeByNight>1</ChargeByNight>
  </CancellationPolicy>
</CancellationPolicies>
```

Description of each XML tag:

Tag	Description	Field Type
< CancellationPolicies>	Container tag containing detail of Policies	----
<Status>	Status of the requested service	----
<CancellationPolicy>	Any cancellation policies if applicable/ Container tag containing cancellation polices	String/----
<DayFrom>	From minimum No. Of days prior to arrival date	String
<DayTo>	To maximum No. Of days prior to arrival date	String
<ChargeByPercentage>	Cancellation Charges in percent	String
<ChargeByNight>	Cancellation Charges by No. Of nights	String

Note: If there are multiple cancellation policies then those will be separated by **</br>** tag.

Generalized Structure for Exception:

Whenever the response of the requested service fails or if there is any type of error the following XML format will be returned with its error title and error message.

```
<Exception>
<Status>ERROR/FAIL</Status>
<ErrorTitle>Title of the error</ErrorTitle>
<ErrorMessage>Reason for Error or type of error
</ErrorMessage>
</Exception>
```

BOOKING SERVICE

➤ <https://<url>/BookingService.svc>

Methods and Description:

1. *InsertCartItem (CartItem):*

- **Description:** Inserts item in the cart. An object of the class *CartItem* has to be created and parameter value has to be passed.
- **Returns:** Success/Failure

List of Input Parameters for Class *CartItem*:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
HotelID	Hotel ID	Int	----	M
HotelRateCartDetailID	HotelRateCartDetail ID	String	---	M
CityID	City ID	String	----	M
CheckInDate	Check In Date	DateTime	(mm/dd/yyyy)	M
NoOfNights	No. Of Nights	Int	----	M
Breakfast	Is Breakfast Included	Boolean	----	M
Dinner	Is Dinner Included	Boolean	----	M
Lunch	Is Lunch Included	Boolean	----	M
RoomCategoryID	Room Category ID	Int	----	M
SingleRooms	No. of Single Rooms	Int	----	M
DoubleRooms	No. of Double Rooms	Int	----	M
TwinRooms	No. of Twin Rooms	Int	----	M
Extra Bed	No. of Extra Beds	Int	----	M
AllowOnrequest	Allow OnRequest Bookings	Boolean	----	O

CartPaxDetails	Class Object Refer Below	Class	----	M
CartFlightDetails	Class Object Refer Below	Class	----	M
OriginCountryID	BookingCountryIATACode	String	2	M

List of Input Parameters for Class *CartPaxDetails*:

Parameter	Description	Field Type	Field Length	Input Type
RoomType	Type of Room	String	----	M
Lead Name	Is Passenger a Lead Name	Boolean	---	M
PaxSalutation	Salutation of Passenger	String	50	M
PaxFirstName	First Name of Passenger	String	100	M
PaxLastName	Last Name of Passenger	String	100	M

List of Input Parameters for Class *CartFlightDetails*:

Parameter	Description	Field Type	Field Length	Input Type
ArrivalDate	Date of Arrival	Datetime	----	O
ArriveTime	Time of Arrival	String	----	O
DepatureDate	Date of Departure	Datetime	---	O
DepartureTime	Time of Departure	String	----	O
ArriveCity	City of Arrival	String	50	O
DepartureCity	First Name of Passenger	String	50	O
ArriveBy	Arrival Airline Details	String	50	O
DepartBy	Departure Airline Details	String	50	O
Instructions	Instructions	String	100	O

Sample Request of *InsertCartItem* (*CartItem*):

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibo="www.tamarindtours.in/IBookingService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:InsertCartItem>
      <ibo:cartItem>
        <tam:AllowOnrequest>true</tam:AllowOnrequest>
        <tam:BreakFast>false</tam:BreakFast>
        <tam:CartID>0</tam:CartID>
        <tam:CartItemID>0</tam:CartItemID>
        <tam:CheckInDate>2017-03-01</tam:CheckInDate>
        <tam:Dinner>false</tam:Dinner>
        <tam:DoubleRooms>0</tam:DoubleRooms>
        <tam:ExtraBeds>0</tam:ExtraBeds>
        <tam:FlightDetails>
          <tam:Instructions>test</tam:Instructions>
        </tam:FlightDetails>
        <tam:GST>0</tam:GST>
        <tam:HotelID>87</tam:HotelID>
        <tam:HotelRateCartDetailID>0-222286,-566-BOM-1-1-1-0-0-0</tam:HotelRateCartDetailID>
        <tam:Lunch>false</tam:Lunch>
        <tam:NoOfNights>1</tam:NoOfNights>
        <tam:OriginCountryID>IN</tam:OriginCountryID>
        <tam:Passengers>
          <!--Zero or more repetitions:-->
          <tam:CartPaxDetails>
            <tam:CartItemID>0</tam:CartItemID>
            <tam:LeadName>true</tam:LeadName>
            <tam:PaxFirstName>test</tam:PaxFirstName>
            <tam:PaxID>0</tam:PaxID>
            <tam:PaxLastName>test</tam:PaxLastName>
            <tam:PaxSalutation>Ms</tam:PaxSalutation>
            <tam:RoomType>double</tam:RoomType>
          </tam:CartPaxDetails>
        </tam:Passengers>
        <tam:RoomCategoryID>1</tam:RoomCategoryID>
        <tam:SingleRooms>1</tam:SingleRooms>
        <tam:TwinRooms>0</tam:TwinRooms>
      </ibo:cartItem>
    </ibo:InsertCartItem>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *InsertCartItem* (*CartItem*):

```
<CartItem>
  <Status>SUCCESS</Status>
  <CartItemID>294</CartItemID>
  <CartID>253</CartID>
</CartItem>
```


Description of each XML tag:

Tag	Description	Field Type
<CartItem>	Container tag for list of CartItem	----
<Status>	Response whether it is a success or a failure	----
<CartItemID>	Cart Item ID	String
<CartID>	Cart ID	String

Note: “*AllowOnrequest*” field to be set to “True” if “On Request” bookings are acceptable by the Agent.

Please Note that this Flag is set to “False” by default and hence if the Room(s) are not available, “InsertCartItem” will return “False” Status.

2. RemoveFromCart (CartItemToDelete)

- **Description:** Removes Item from Cart. An object of the class *CartItemToDelete* has to be created and parameter value has to be passed.
- **Returns:** Success/Failure XML

List of Input Parameters of *CartItemToDelete*:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
CartItemID	Cart Item ID	Int	----	M
CartID	Cart ID	Int	----	M

Sample Request of *RemoveFromCart (CartItemToDelete)*

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibo="www.tamarindtours.in/IBookingService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:RemoveFromCart>
      <ibo:cartItem>
        <tam:CartID>4579</tam:CartID>
        <tam:CartItemID>4801</tam:CartItemID>
      </ibo:cartItem>
    </ibo:RemoveFromCart>
  </soapenv:Body>
</soapenv:Envelope>
```

```
</soapenv:Body>
</soapenv:Envelope>
```

XML output of *RemoveFromCart (CartItemToDelete)*

```
<Cart>
  <Status>SUCCESS</Status>
</Cart>
```

Description of each XML tag:

Tag	Description	Field Type
<Cart>	Container tag for Response Status	----
<Status>	Response whether it is a success or a failure	----

3. *GetBookedCartDetails (DetailedCart)*

- **Description:** Get the details of a particular Cart. An object of the class *DetailedCart* has to be created and parameter value has to be passed.
- **Returns:** Success/Failure

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
CartID	Cart ID	Int	-----	M

Sample Request of *GetBookedCartDetails (DetailedCart)*

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ibo="www.tamarindtours.in/IBookingService"
  xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:GetBookedCartDetails>
      <ibo:Cart>
        <tam:CartID>301</tam:CartID>
      </ibo:Cart>
    </ibo:GetBookedCartDetails>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *GetBookedCartDetails (DetailedCart)*

```
<CartDetails>
<Status>SUCCESS</Status>
<BookingDetails>
<CartItemDetail>
<CartItemID>303</CartItemID>
<HotelName>Garden Hotel Mumbai</HotelName>
<HotelsEmail />
<HotelsRoomCategoryName>Super Deluxe Room</HotelsRoomCategoryName>
<CheckinDate>05/05/2012</CheckinDate>
<CheckoutDate>05/06/2012</CheckoutDate>
<CustName>Mr. xyz zxy</CustName>
<QuotationNo>41-1</QuotationNo>
<RateCardDetailsID>36177</RateCardDetailsID>
<NoOfNights>1</NoOfNights>
<SingleRoom>1</SingleRoom>
<DoubleRoom>0</DoubleRoom>
<TwinRoom>0</TwinRoom>
<ExtraBed>0</ExtraBed>
<Status />
<OtherInclusions>Breakfast/Dinne</OtherInclusions>
<TotalCost>117.01 USD</TotalCost>
<Transfer>NA</Transfer>
<MealDescription>Bfst</MealDescription>
</CartItemDetail>
<PassengerDetail>
<PaxID>388</PaxID>
<CartItemID>303</CartItemID>
<RoomType>Single Room</RoomType>
<LeadName>(Lead Name)</LeadName>
<PassName>Mr. xyz zxy</PassName>
</PassengerDetail>
<Quotation>
<QuotationID>45997</QuotationID>
</Quotation>
<InvoiceDetails>
  <Invoice_ID>IN000131</Invoice_ID>
  <YearCode>18</YearCode>
</InvoiceDetails>
<TransportDetails>
<Caption>NA</Caption>
</TransportDetails>
<XoDetails>
  <XO_ID>H12007252 </XO_ID>
  <YearCode>18</YearCode>
</XoDetails>
</BookingDetails>
</CartDetails>
```

Note: *No of Nights should be less than or equal to 99.*

<InvoiceDetails> and <XoDetails> will have data only when Invoice/XO is generated in our system.

<InvoiceDetails> and <XoDetails> tags will appear in response XML above only if we book the bookings with “Available” status. In case of the bookings with “On Request” status these 2 tags will not appear in XML.

Description of each XML tag:

Tag	Description	Field Type
<CartDetails>	Container tag for list of Cart Item and Passenger Details	----
<Status>	Response whether it is a success or a failure	String
<BookingDetails>	Container Tag for Cart Item Details	String
<CartItemDetail>	Container Tag for cart Item	String
<CartItemID>	Cart Item ID	Int
<HotelName>	Hotel Name	String
<HotelsRoomCategoryName>	Room category Name	String
<CheckinDate>	Check in Date	DateTime
<CheckoutDate>	Check out Date	DateTime
<CustName>	Name Of the Customer	String
<QuotationNo>	Quotation No	Int
<RateCardDetailsID>	Rate Card Details ID	Int
<NoOfNights>	No. of Nights	Int
<DoubleRooms>	No. of Double Rooms	Int
<TwinRooms>	No. of Twin Rooms	Int
<ExtraBeds>	No. of Extra Beds	Int
<Status>	Status of the booking whether available or on request	String
<OtherInclusions>	----	String
<TotalCost>	Total Cost	Decimal
<Transfer>	Hotel provides vehicle	String

<MealDescription>	Detail about meals	Int
<PaxID>	Passenger ID	Int
<CartItemID>	City Name	Int
<RateCardDetailsID>	Rate card Id	Int
<PassengerDetails>	Container tag for passenger details	----
<CartItemID>	Cart Item ID	Int
<RoomType>	Types Of Room	String
<LeadName>	Name of the lead	String
<PassName>	Name of the passenger	String
<Quotation>	Container tag for Quotation	----
<QuotationID>	Quotation ID	Int

4. *GetCartDetails(DetailedCart)*

- **Description:** Returns Cart Item Details with Passenger Details using Cart ID. An object of the class *DetailedCart* has to be created and parameter value has to be passed.
- **Returns** Success/Failure

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
cartID	Cart ID	Int	----	M

Sample Request of *GetCartDetails (DetailedCart)*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibo="www.tamarindtours.in/IBookingService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:GetCartDetails>
      <ibo:cart>
        <tam:CartID>257</tam:CartID>
      </ibo:cart>
    </ibo:GetCartDetails>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *GetCartDetails (DetailedCart)*:

```
<Cart>
<Status>SUCCESS</Status>
<CartItem>
<CartID>257</CartID>
<CartItemID>298</CartItemID>
<HotelName>Apollo Hotel, Mumbai, Mumbai (Bombay)</HotelName>
<CheckinDate>02/05/2012</CheckinDate>
<CheckoutDate>02/06/2012</CheckoutDate>
<SingleRooms>1</SingleRooms>
<DoubleRooms>0</DoubleRooms>
<TwinRooms>0</TwinRooms>
<ExtraBeds>0</ExtraBeds>
<Status>Available</Status>
<TotalCost>90.38 USD</TotalCost>
<Nights>1</Nights>
<Hotels_room_catg_name>Standard Room</Hotels_room_catg_name>
<Hotels_ID>200</Hotels_ID>
<City_ID>BOM</City_ID>
<City_Name>Mumbai (Bombay)</City_Name>
<RateCardDetailsID>40772,0</RateCardDetailsID>
<IsRulesAccepted>true</IsRulesAccepted>
<RefNo>Abc</RefNo>
</CartItem>
<PassengerDetails>
<CartItemID>298</CartItemID>
<LeadName>true</LeadName>
<PaxTitle>Ms</PaxTitle>
<PaxFirstName>shweta</PaxFirstName>
<PaxLastName>salve</PaxLastName>
</PassengerDetails>
</Cart>
```

Description of each XML tag:

Tag	Description	Field Type
<Cart>	Container tag for list of Cart Item and Passenger Details	----
<Status>	Response whether it is a success or a failure	String
<CartItem>	Container Tag for Cart Item Details	String
<CartID>	Cart Id	Int
<CartItemID>	Cart Item ID	Int
<HotelName>	Hotel Name	String
<CheckinDate>	Check in Date	DateTime (mm/dd/yyyy)
<CheckoutDate>	Check out Date	DateTime (mm/dd/yyyy)
<SingleRooms>	No of Single Room/s	Int
<DoubleRooms>	No of Double Room/s	Int
<TwinRooms>	No of Twin Room/s	Int
<ExtraBeds>	No of Extra Beds	Int
<Status>	Status for availability	String
<TotalCost>	Total Cost	Int
<Nights>	No of Nights	Int
<Hotels_room_catg_name>	Room category name	String
<Hotels_ID>	Hotel ID	Int
<City_ID>	City ID	Int
<City_Name>	City Name	Int
<RateCardDetailsID>	Rate card ID	Int
<IsRulesAccepted>	Returns Boolean value	Boolean
<RefNo>	Reference No	String

<PassengerDetails>	Container tag for passenger details	String
<CartItemID>	Cart Item ID	Int
<LeadName>	Returns Boolean value	Boolean
<PaxTitle>	Salutation	String
<PaxFirstName>	Passenger First Name	String
<PaxLastName>	Passenger Last Name	String

5. *GetSalutations()*

- **Description:** It will Returns salutation
- **Returns:** Salutation List

No Input Parameter Required.

Sample Request output of *GetSalutations()*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibo="www.tamarindtours.in/IBookingService">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:GetSalutations/>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *GetSalutations()*:

```
<Salutations>
<Status>SUCCESS</Status>
<Captions>
  <CaptCode>Mr</CaptCode>
  <CaptValue>Mr</CaptValue>
</Captions>
<Captions>
  <CaptCode> Ms </CaptCode>
  <CaptValue> Ms </CaptValue>
</Captions>
</Salutations>
```


Description of each XML tag:

Tag	Description	Field Type
<Salutations>	Container tag for list of Salutations	----
<Status>	Response whether it is a success or a failure	String
<Captions>	Container for code and value of Salutations	----
<CaptCode>	Code for salutation	String
<CaptValue>	Value for salutation	String

6. *GetPolicies(CartPolicies)*

- **Description:** This method returns policy related to the booking. An object of class *CartPolicies* has to be created and parameter value has to be passed.
- **Returns:** Related policies of the booking.

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
CartItemID	Cart Item ID	Int	----	M
CheckInDate	Check In Date	Datetime	----	M
CancellationDetails	Cancellation Policy	Boolean	true (Recommended)	O

Sample Request of *GetPolicies(CartPolicies)*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibo="www.tamarindtours.in/IBookingService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:GetPolicies>
      <ibo:policy>
        <tam:CancellationDetails>true</tam:CancellationDetails>
        <tam:CartItemID>65</tam:CartItemID>
      </ibo:policy>
    </ibo:GetPolicies>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<tam:CheckInDate>2017-03-01</tam:CheckInDate>
<tam:RateCardDetailsID> 0-222286,-566-BOM-1-1-1-0-0-0</tam:RateCardDetailsID>
</ibo:policy>
</ibo:GetPolicies>
</soapenv:Body>
</soapenv:Envelope>

```

XML output of *GetPolicies(CartPolicies)*:

1. When *CancellationDetails=false*

```

<Policy>
<Status>SUCCESS</Status>
<Rules>
<CartItemID>65</CartItemID>
<RuleID>16</RuleID>
<Header>Notes</Header>
<Description>
If you cancel within 0-3 days prior to arrival you will be charged 20% of your booking amount
</Description>
</Rules>
<CancellationPolicy>If you cancel within 0-3 days prior to arrival you will be charged 20% of your booking amount.</CancellationPolicy>
</Policy>

```

2. When *CancellationDetails=true*

```

<Policy>
<Status>SUCCESS</Status>
<CancellationPolicy>
<DayFrom>0</DayFrom>
<DayTo>3</DayTo>
<ChargeByPercentage>20%</ChargeByPercentage>
<ChargeByNight></ChargeByNight>
</CancellationPolicy>
</Policy>

```

Description of each XML tag:

Tag	Description	Field Type
<Policy>	Container tag for policies	String
<Status>	Response whether it is a success or a failure	String
<RuleID>	Rule ID	Int

<Description>	Description of Policy	String
<CancellationPolicy>	Any cancellation policies if applicable/ Container tag containing cancellation polices	String/----
<DayFrom>	From minimum No. Of days prior to arrival date	String
<DayTo>	To maximum No. Of days prior to arrival date	String
<ChargeByPercentage>	Cancellation Charges in percent	String
<ChargeByNight>	Cancellation Charges by No. Of nights	String
<Header>	Header	String

7. *ConfirmBooking (Cart, CartItemReferencePolicy [])*

- **Description:** Confirms the cart item booking and generate Quotation ID. An object of the class has to be created and parameter value has to be passed.
- **Returns:** Confirmed CartItem ID and Quotation ID

List of Input Parameters of Cart Class:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
cartId	Cart Id	Int	----	M

List of Input Parameters of *CartItemReferencePolicy* Class:

Parameter	Description	Field Type	Field Length	Input Type
CartItemId	Cart Item Id	Int	----	M
ReferenceNo	Reference No of each cart Item	String	----	M
IsRuleAccepted	Policies accepted or not	Boolean	----	M

Sample Request of *ConfirmBooking (BookingList)*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibo="www.tamarindtours.in/IBookingService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:ConfirmBooking>
      <ibo:cart>
        <tam:CartID>4591</tam:CartID>
      </ibo:cart>
      <ibo:CartItemRef>
        <!--Zero or more repetitions:-->
        <tam:CartItemReferencePolicy>
          <tam:CartID>4591</tam:CartID>
          <tam:CartItemID>4666</tam:CartItemID>
          <tam:IsRuleAccepted>true</tam:IsRuleAccepted>
          <tam:ReferenceNo>000</tam:ReferenceNo>
        </tam:CartItemReferencePolicy>
      </ibo:CartItemRef>
    </ibo:ConfirmBooking>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *ConfirmBooking (Cart)*

```
<Cart>
<Status>SUCCESS</Status>
<Message></Message>
<CartID>4591</CartID>
<QuotationNum>002313-1</QuotationNum>
</Cart>
```

Description of each XML tag:

Tag	Description	Field Type
<Cart>	Container tag for cart Item Confirmation	----
<Status>	Response whether it is a success or a failure	String
<CartID>	Cart ID	Int
<QuotationNum>	Quotation Number for Confirmed cart Item	String

Note: On *InsertCartItem* Inventory will be blocked for 20 minutes. If User confirms the booking then Inventory will be released and Booking will be confirmed. If User does not confirm the booking within 20 minutes of *InsertCartItem*, rollback of the Inventory will be done. If User cancels booking then too Inventory will be rolled back.

8. *GetBookingList (BookingList)*

- **Description:** Booking List within specified Check-in Date Range. An object of class **BookingList** has to be created and parameter value has to be passed.
- **Returns:** Booking List with details.

List of Input Parameters of class *BookingList*:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
CheckInDate	From Check-in Date	DateTime	(mm/dd/yyyy)	M
CheckOutDate	Till Check-out Date	DateTime	(mm/dd/yyyy)	M
Passenger Name	Name of passenger to be searched	String	----	O
Booking No	Booking No. to be search	String	----	O

Sample Request of *GetBookingList(BookingList)*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibo="www.tamarindtours.in/IBookingService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:GetBookingList>
      <ibo:booklist>
        <tam:BookingNo>002311-1</tam:BookingNo>
        <tam:CheckInDate>2017-01-15</tam:CheckInDate>
        <tam:CheckOutDate>2017-01-17</tam:CheckOutDate>
        <tam:PassengerName></tam:PassengerName>
      </ibo:booklist>
    </ibo:GetBookingList>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *GetBookingList(BookingList)*:

```
<BookingLists>
  <Status>SUCCESS</Status>
  <Booking>
    <BookingName>Mr test test</BookingName>
    <LeadName>true</LeadName>
    <QuotationID>66247</QuotationID>
    <QuotationNo>O02311-1</QuotationNo>
    <TotalCost>33580.00 INR</TotalCost>
    <FromDate>15-Jan-2017</FromDate>
    <ToDate>16-Jan-2017</ToDate>
    <CreatedDate>30-Dec-2016</CreatedDate>
    <Status>Confirmed</Status>
    <RefNo>test</RefNo>
    <CartItemID>4811</CartItemID>
    <CartID>4589</CartID>
    <StaffName>Tamarind</StaffName>
  </Booking>
</BookingLists>
```

Description of each XML tag:

Tag	Description	Field Type
<BookingLists>	Container tag for list of Bookings	----
<Status>	Response whether it is success or a failure	
<Booking>	Contains booking details	----
<QuotationID>	Quotation ID	Int
<CartItemID>	CartItem ID	Int
<QuotationNo>	Quotation No	Int
<FromDate>	Check in Date	DateTime (mm/dd/yyyy)
<ToDate>	Check out Date	DateTime (mm/dd/yyyy)
<BookingName>	Name of The Passenger	String
<LeadName>	Lead name	Boolean
<TotalCost>	Total Cost	Int

<CreatedDate>	Date Of Booking	DateTime (mm/dd/yyyy)
<Status>	Whether booking is available or on request	String
<RefNo>	Reference No.	String
<StaffName>	Staff Name booked	String

Note: <Booking> tag will be repeated for each booking in the result.

9. ViewBookingHistory(BookingDetails)

- **Description:** An object of class *BookingDetails* has to be created and value of the parameter has to be passed .This method gives complete details of booking done.
- **Returns:** Booking Details based on quotation ID.

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
Quotation ID	Quotation ID	Int	----	M

Sample Request of ViewBookingHistory(BookingDetails):

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibo="www.tamarindtours.in/IBookingService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:ViewBookingHistory>
      <ibo:bkdetails>
        <tam:QuotationID>46644</tam:QuotationID>
      </ibo:bkdetails>
    </ibo:ViewBookingHistory>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of ViewBookingHistory(BookingDetails):

```
<BookingHistory>
  <Status>SUCCESS</Status>
  <Detail>
    <NoOfNights>1</NoOfNights>
    <SingleRooms>1</SingleRooms>
    <DoubleRooms>1</DoubleRooms>
    <TwinRooms>0</TwinRooms>
    <ExtraBed>0</ExtraBed>
    <BreakFast>Included</BreakFast>
    <Lunch>Not Included</Lunch>
    <Dinner>Not Included</Dinner>
    <TotalCost>227.00 USD</TotalCost>
    <CartItemID>923</CartItemID>
    <LeadName>true</LeadName>
    <CustName>Mr alp lpa </CustName>
    <RoomCategoryName>Deluxe Room</RoomCategoryName>
    <AccCode>00734</AccCode>
    <HotelName>Apollo Hotel, Mumbai</HotelName>
    <QuotationID>46644</QuotationID>
    <QuotationNo>365-1</QuotationNo>
    <Status>OnReq</Status>
    <CheckinDate>05/05/2012</CheckinDate>
    <CheckoutDate>05/06/2012</CheckoutDate>
    <RateCardDetailsID>40773,</RateCardDetailsID>
  </Detail>
</BookingHistory>
```

Description of each XML tag:

Tag	Description	Field Type
<BookingHistory>	Container tag for Booking History	----
<Status>	Response whether it is a success or a failure	String
<Detail>	Container Tag for Booking Details	----
<CartItemID>	Cart Item ID	Int
<QuotationID>	Quotation ID	Int
<HotelName>	Hotel Name	String
<CheckinDate>	Check-in Date	DateTime
<CheckoutDate>	Check-out Date	DateTime

<SingleRooms>	No of Single Rooms	Int
<DoubleRooms>	No of Double Rooms	Int
<TwinRooms>	No of Twin Rooms	Int
<ExtraBed>	No of Extra Beds	Int
<BreakFast>	Whether breakfast included	String
<Lunch>	Whether Lunch Included	String
<Dinner>	Whether dinner Included	String
<TotalCost>	Total Cost	Decimal
<NoOfNights>	No of Nights	Int
<LeadName>	Returns Boolean value	Boolean
<CustName>	Customer Name	String
<RateCardDetailsID>	Rate card ID	String
<RoomCategoryName>	Name of the room category	String

10. *GetFlightAndOtherDetailsbyCartItemID(CartItemByID)*

- **Description:** The method gives flight detail for cart item ID . An object of the class *CartItemByID* has to be created and properties value should be passed.
- **Returns:** Confirmed Cart Item ID and Quotation ID.

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
CartItemID	CartItem Id	Int	----	M

Sample Request of *GetFlightAndOtherDetailsbyCartItemID (CartItemByID)*

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibo="www.tamarindtours.in/IBookingService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:GetFlightAndOtherDetailsbyCartItemID>
      <ibo:cart>
        <tam:CartItemID>4813</tam:CartItemID>
      </ibo:cart>
    </ibo:GetFlightAndOtherDetailsbyCartItemID>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *GetFlightAndOtherDetailsbyCartItemID (CartItemByID)*

```
<FlightDetails>
  <Status>SUCCESS</Status>
  <FlightDetail>
    <CartItemID>4813</CartItemID>
    <flight_arrivaldate>05/05/2012</flight_arrivaldate>
    <flight_arrivecity>Delhi</flight_arrivecity>
    <flight_arriveby>Bus</flight_arriveby>
    <flight_arrivetime>00:00</flight_arrivetime>
    <flight_departureddate>05/25/2012</flight_departureddate>
    <flight_departurecity>Bombay</flight_departurecity>
    <flight_departby>Car</flight_departby>
    <flight_departuretime>00:00</flight_departuretime>
    <Instructions />
  </FlightDetail>
</FlightDetails>
```

Description of each XML tag:

Tag	Description	Field Type
<FlightDetails>	Container Tag for Flight Details	----
<Status>	Response whether it is a success or a failure	String
<FlightDetail>	Contains detail for a single flight detail	----
<CartItemID>	Requested flight details for Cart Item ID	String

<flight_arrivaldate>	Flight arrival date	String
<flight_arrivecity>	Flight arrival city	String
<flight_arriveby>	Flight arrival name	String
<flight_arrivetime>	Flight arrival time	String
<flight_departuredate>	Flight departure date	String
<flight_departurecity>	Flight departure city	String
<flight_departby>	Flight departure city	String
<flight_departuretime>	Flight departure time	String
<Instructions >	Any Instructions	String

11. *GetAmendBookingDetailsbyCartItemID(CartItemByID)*

- **Description:** The method gives entire passenger detail with all cart item detail for cart item ID. An object of the class **CartItemByID** has to be created and parameter value should be passed.
- **Returns:** Entire CartItem Details.

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
CartItemID	Cart Item ID	Int	----	M

Sample Request of *GetAmendBookingDetailsbyCartItemID(CartItemByID)*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibo="www.tamarindtours.in/IBookingService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:GetAmendBookingDetailsbyCartItemID>
      <ibo:cart>
        <tam:CartItemID>4813</tam:CartItemID>
      </ibo:cart>
    </ibo:GetAmendBookingDetailsbyCartItemID>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *GetAmendBookingDetailsbyCartItemID(CartItemByID)*:

```
<CartItemDetails>
  <Status>SUCCESS</Status>
  <CartItemDetail>
    <CartItemID>4813</CartItemID>
    <CartID>4591</CartID>
    <CheckinDate>01/15/2017</CheckinDate>
    <CheckOutDate>01/17/2017</CheckOutDate>
    <NoOfNights>2</NoOfNights>
    <HotelID>87</HotelID>
    <City>BOM</City>
    <SingleRoomCount>2</SingleRoomCount>
    <DoubleRoomCount>0</DoubleRoomCount>
    <TwinRoomCount>0</TwinRoomCount>
    <ExtraBedCount>0</ExtraBedCount>
    <Breakfast>true</Breakfast>
    <Lunch>false</Lunch>
    <Dinner>false</Dinner>
    <Availability_Status>1</Availability_Status>
    <TotalCost>33170.00</TotalCost>
    <RoomType>Single Room</RoomType>
    <Sequence>1</Sequence>
  </CartItemDetail>
  <Passenger>
    <PaxID>7314</PaxID>
    <CartItemID>4813</CartItemID>
    <RoomType>Single Room</RoomType>
    <LeadName>true</LeadName>
    <PaxTitle>Mr</PaxTitle>
    <PaxFirstName>testfar</PaxFirstName>
    <PaxLastName>testfar</PaxLastName>
  </Passenger>
</CartItemDetails>
```

Description of each Tag:

Tag	Description	Field Type
<CartItemDetails>	Container tag for cart item detail	----
<Status>	Response whether success or failure	String
<CartItemDetail>	Container tag for particular cart item	----
<CartItemID>	Cart item ID	Int

<CartID>	Cart ID	Int
<HotelID>	Hotel ID	Int
<CheckinDate>	Check-in Date	DateTime (mm/dd/yyyy)
<CheckoutDate>	Check-out Date	DateTime (mm/dd/yyyy)
<SingleRoomCount>	No. of Single room	Int
<DoubleRoomCount>	No. of Double Room	Int
<TwinRoomCount>	No. of twin room	Int
<ExtraBedount>	No. of extra bed	Int
<BreakFast>	Whether breakfast included	String
<Lunch>	Whether Lunch included	String
<Dinner>	Whether Dinner included	String
<TotalCost>	Total Cost	Decimal
<NoOfNights>	No. of nights	Int
<RoomType>	Room type	String
<availability_status>	Available or not	String
<Passenger>	Container tag	----
<PaxID>	Passenger ID	Int
<LeadName>	True or false	Boolean
<PaxTitle>	Salutation	String
<PaxFirstName>	First name	String
<PaxLastName>	Last name	String

12. AcceptApproval(Quotation)

- **Description:** When the status of the booking is 'on Request', it is accepted or rejected by the tamarind. If it is accepted by tamarind, a time limit is given to approve or reject the booking. To accept the approval this method is used by creating an object of class ***Quotation*** and parameter value has to be passed.
- **Returns:** Whether the approval accepted or not in Boolean value.

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
QuotationID	Quotation ID	Int	----	M

Sample Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibo="www.tamarindtours.in/IBookingService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:AcceptApproval>
      <ibo:quot>
        <tam:CancellationDetails>true</tam:CancellationDetails>
        <tam:QuotationID>66251</tam:QuotationID>
      </ibo:quot>
    </ibo:AcceptApproval>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output:

```
<ApproveAccept>
  <Status>SUCCESS</Status>
  <Accept>
    <IsAccepted>True</IsAccepted>
  </Accept>
</ApproveAccept>
```

Description of each tag:

Tag	Description	Field type
<ApproveAccept>	Container Tag of approved	----
<Status>	Whether response is a success or a failure	String
<IsAccepted>	Whether request to approve is accepted or not	Boolean

13. RejectApproval(Quotation)

- **Description:** When the status of the booking is 'on Request', it is accepted or rejected by the tamarind. If it is accepted by tamarind, a time limit is given to approve or reject the booking. To reject the approval this method is used by creating an object of class **Quotation** and parameter value has to be passed.
- **Returns:** Whether the approval accepted or not in Boolean value.

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
QuotationID	Quotation ID	Int	----	M

Sample Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibo="www.tamarindtours.in/IBookingService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:RejectApproval>
      <ibo:quot>
        <tam:CancellationDetails>true</tam:CancellationDetails>
        <tam:QuotationID>66251</tam:QuotationID>
      </ibo:quot>
    </ibo:RejectApproval>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output:

```
<QuotationReject>
  <Status>SUCCESS</Status>
  <Reject>
    <IsRejected>True</IsRejected>
  </Reject>
</QuotationReject>
```

Description of each tag:

Tag	Description	Field type
<QuotationReject>	Container Tag of reject	----
<Status>	Whether response is a success or a failure	String
<IsRejected>	Whether request to reject is accepted or not	Boolean

14. GetCancellationDetails (Quotation)

- **Description:** To get the cancellation details if booking is cancelled, this method is used by creating an object of class *Quotation* and parameter value has to be passed.
- **Returns:** Cancellation Policy and cancellation amount.

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
QuotationID	Quotation ID	Int	----	M
CancellationDetails	Cancellation Policy	Boolean	true (Recommended)	O

Sample Request of GetCancellationDetails (Quotation):

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibo="www.tamarindtours.in/IBookingService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:GetCancellationDetails>
      <ibo:quotation>
        <tam:CancellationDetails>true</tam:CancellationDetails>
        <tam:QuotationID>66251</tam:QuotationID>
      </ibo:quotation>
    </ibo:GetCancellationDetails>
  </soapenv:Body>
</soapenv:Envelope>
```


XML output of *GetCancellationDetails* (Quotation):

1. When *CancellationDetails* =false

```
<Policy>
  <Status>SUCCESS</Status>
  <CancellationPolicy>
    If you cancel within 0-3 days prior to arrival you
    will be charged 1 Night/s retention.
  </CancellationPolicy>
  <CancellationAmount>0.00</CancellationAmount>
</Policy>
```

2. When *CancellationDetails* =true

```
<Policy>
  <Status>SUCCESS</Status>
  <CancellationPolicy>
    <DayFrom>0</DayFrom>
    <DayTo>3</DayTo>
    <ChargeByPercentage></ChargeByPercentage>
    <ChargeByNight>1</ChargeByNight>
  </CancellationPolicy>
  <CancellationAmount>0.00</CancellationAmount>
</Policy>
```

Description of each tag:

Tag	Description	Field type
<Policy>	Container Tag for policies	----
<Status>	Whether response is a success or a failure	String
<CancellationPolicy>	Any cancellation policies if applicable/ Container tag containing cancellation polices	String/----
<DayFrom>	From minimum No. Of days prior to arrival date	String
<DayTo>	To maximum No. Of days prior to arrival date	String
<ChargeByPercentage>	Cancellation Charges in percent	String
<ChargeByNight>	Cancellation Charges by No. Of nights	String
<CancellationAmount>	Cancellation charges that will be applicable if booking is cancelled	Decimal

15. *CancelBooking (Quotation)*

- **Description:** To cancel the booking, this method is used by creating an object of class *Quotation* and parameter value has to be passed.
- **Returns:** Whether the approval accepted or not in Boolean value.

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
QuotationID	Quotation ID	Int	----	M

Sample Request of *CancelBooking (Quotation)*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibo="www.tamarindtours.in/IBookingService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:CancelBooking>
      <ibo:quotation>
        <tam:CancellationDetails>true</tam:CancellationDetails>
        <tam:QuotationID>66251</tam:QuotationID>
      </ibo:quotation>
    </ibo:CancelBooking>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *CancelBooking (Quotation)*:

```
<QuotationDetails>
  <Status>SUCCESS</Status>
  <Quotation>
    <NoOfNights>2</NoOfNights>
    <SingleRooms>2</SingleRooms>
    <DoubleRooms>0</DoubleRooms>
    <TwinRooms>0</TwinRooms>
    <ExtraBed>0</ExtraBed>
    <BreakFast>Included</BreakFast>
    <Lunch>Not Included</Lunch>
    <Dinner>Not Included</Dinner>
    <TotalCost>0.00 INR</TotalCost>
```

```

<CartItemID>4813</CartItemID>
<LeadName>true</LeadName>
<CustName>Mr testfar testfar</CustName>
<RoomCategoryName>Standard
Room</RoomCategoryName>
<EmailID>online@tamarindglobal.com</EmailID>
<HotelName>Fariyas, Mumbai</HotelName>
<QuotationNo>O02313-1</QuotationNo>
<QuotationID>66251</QuotationID>
<Status>Cancel</Status>
<CheckinDate>15 Jan 2017</CheckinDate>
<CheckoutDate>17 Jan 2017</CheckoutDate>
<FromDate>2017-01-15T00:00:00+05:30</FromDate>
<ToDate>2017-01-17T00:00:00+05:30</ToDate>
<RateCardDetailsID>208653, 208653, 208653,
208653</RateCardDetailsID>
<RefNo>testfar</RefNo>
<SpecialInstruction />
<OriginCountry>UNITED ARAB
EMIRATES</OriginCountry>
<RateCardMode>(C)</RateCardMode>
<flight_arrivaldate />
<flight_arriveby />
<flight_arrivecity />
<flight_arrivetime />
<flight_departby />
<flight_departurecity />
<flight_departuredate />
<flight_departuretime />
<TravelDateFrom>20170115</TravelDateFrom>
<AgentName>Tamarind</AgentName>
<SupplierName>Tamarind Tours Pvt
Ltd</SupplierName>
<RateOfferType>-</RateOfferType>
<CreditStatus>Non Credit</CreditStatus>
<HotelID>87</HotelID>
<RoomCategoryID>1</RoomCategoryID>
<SupplierId>0</SupplierId>
</Quotation>
<Cancellationcharges>
<CancellationAmount>0.00</CancellationAmount>
</Cancellationcharges>
</QuotationDetails>

```

Description of each tag:

Tag	Description	Field Type
<QuotationDetails>	Container Tag for details	----
<Status>	Whether response is a success or a failure	String
<Quotation>	Container tag for Quotation	---
<NoOfNights>	No. of nights	Int
<SingleRooms>	No. of Single room	Int
<DoubleRooms>	No. of Double Room	Int
<TwinRooms>	No. of twin room	Int
<ExtraBedcount>	No. of extra bed	Int
<BreakFast>	Whether breakfast included	String
<Lunch>	Whether Lunch included	String
<Dinner>	Whether Dinner included	String
<TotalCost>	Total Cost	Decimal
<CartItemID>	Cart Item ID	Int
<LeadName>	Lead Name	Boolean
<CustName>	Customer Name	String
<RoomCategoryName>	Type of room category	String
<EmailID>	Hotel email id	String
<HotelName>	Name of the Hotel	String
<QuotationID>	Quotation ID	Int
<QuotationNo>	Quotation No	String
<Status>	Status of the booking	String
<CheckinDate>	Check in Date	DateTime(mm/dd/yyyy)
<CheckoutDate>	Check out date	DateTime(mm/dd/yyyy)
<RateCardDetailsID>	Rate card which was applicable for the booking	String
<Cancellationcharges>	Container tag for cancellation details	----
<CancellationAmount>	Amount deducted after cancellation	Decimal

16. *GetCartItemDetailsByCartItemID(CartItemByID)*:

- **Description:** This method is used to get complete details of CartItem by creating an object of class *CartItemByID* and parameter value has to be passed.
- **Returns:** Whether the approval accepted or not in Boolean value.

List of Input Parameters:

Input type: Mandatory [M] / Optional [O]

Parameter	Description	Field Type	Field Length	Input Type
CartItemID	Cart Item ID	Int	----	M

Sample Request of *GetCartItemDetailsByCartItemID(CartItemByID)*:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ibo="www.tamarindtours.in/IBookingService"
xmlns:tam="http://schemas.datacontract.org/2004/07/TamarindXML.BusinessClass">
  <soapenv:Header/>
  <soapenv:Body>
    <ibo:GetCartItemDetailsByCartItemID>
      <ibo:cartItem>
        <tam:CartItemID>4813</tam:CartItemID>
      </ibo:cartItem>
    </ibo:GetCartItemDetailsByCartItemID>
  </soapenv:Body>
</soapenv:Envelope>
```

XML output of *GetCartItemDetailsByCartItemID(CartItemByID)*:

```
<BookingDetails>
  <Status>SUCCESS</Status>
<CartItemDetail>
  <SingleRoom>2</SingleRoom>
  <DoubleRoom>0</DoubleRoom>
  <TwinRoom>0</TwinRoom>
  <ExtraBed>0</ExtraBed>
  <RefNo>testfar</RefNo>
  <RoomCategoryID>1</RoomCategoryID>
  <HotelID>87</HotelID>
  <CartID>4591</CartID>
  <CartItemID>4813</CartItemID>
  <TotalCost>33580.00 INR</TotalCost>
```

```

<TotalAmount>33580.00</TotalAmount>
<BookingCurrency>INR</BookingCurrency>
<CustName>Mr testfar testfar</CustName>
<flight_arrivaldate />
<flight_arriveby />
<flight_arrivecity />
<flight_arrivetime />
<flight_departby />
<flight_departurecity />
<flight_departuredate />
<flight_departuretime />
<SpecialInstruction>Not Specified</SpecialInstruction>
<AgentID>952</AgentID>
<Origin>3</Origin>
<OriginCountry>UNITED ARAB
EMIRATES</OriginCountry>
<RateCardMode>(C)</RateCardMode>
<HotelName>Fariyas, Mumbai</HotelName>
<HotelsRoomCategoryName>Standard
Room</HotelsRoomCategoryName>
<RateCardDetailsID>208653, 208653, 208653,
208653</RateCardDetailsID>
<Status>Cancel</Status>
<OtherInclusions>-</OtherInclusions>
<Transfer>NA</Transfer>
<TransferValue>NA</TransferValue>
<MealDescription>Bfst</MealDescription>
<AgentName>Tamarind</AgentName>
<Caption>NA</Caption>
<QuotationNo>O02313-1</QuotationNo>
<QuotationID>66251</QuotationID>
<CheckinDate>15 Jan 2017</CheckinDate>
<CheckoutDate>17 Jan 2017</CheckoutDate>
<NoOfNights>2</NoOfNights>
<HotelsEmail>thombre.sanket1@gmail.com</HotelsEmail>
<CityName>Mumbai (Bombay)</CityName>
<SupplierID>0</SupplierID>
<SupplierName>Tamarind Tours Pvt
Ltd</SupplierName>
<RateOfferType>-</RateOfferType>
<HotelNotes />
<ValueAddOn />
</CartItemDetail> </BookingDetails>

```

Description of each tag:

Tag	Description	Field Type
<BookingDetails>	Container Tag for details	----
<Status>	Whether response is a success or a failure	String
<CartItemDetail>	Container tag for Cart item	---
<NoOfNights>	No. of nights	Int
<SingleRoom>	No. of Single room	Int
<DoubleRoom>	No. of Double Room	Int
<TwinRoom>	No. of twin room	Int
<ExtraBed>	No. of extra bed	Int
<TotalCost>	Total Cost	Decimal
<CartItemID>	Cart Item ID	Int
<HotelRoomCategoryName>	Type of room category	String
<EmailID>	Hotel email id	String
<HotelName>	Name of the Hotel	String
<CheckinDate>	Check in Date	DateTime(mm/dd/yyyy)
<CheckoutDate>	Check out date	DateTime(mm/dd/yyyy)
<RateCardDetailsID>	Rate card which was applicable for the booking	String
<OtherInclusions>	Any other inclusions, if any	String
<Transfer>	Transfer Code	String
<TransferValue>	The meaning of transfer code	String
<MealDescription>	About meal plans	String