

**e-Tour
Business Requirement Document
V 1.2**

PREPARED BY
DATE

Jayant Ponkshe
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VITA C-Dac Project: e-Tour
Business Requirement Document

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1. Introduction

This document is prepared for the students of Vidyanidhi's IT institute C-Dac diploma course.

1.1. Purpose

The purpose of the functional requirement (or business requirement) document is to define and document a complete and accurate description of the requirements/specifications of the product to be developed for e-Tour

1.2. Scope

1.2.1. In-Scope

All requirements specified as "Mandatory" or "Must to have" are in the scope of this project. All such requirements are required in order for the product to be considered complete for this project.

1.2.2. Out of Scope

All requirements specified as "Optional" or "Nice to have" may be considered as out of scope of this project. All such requirements are not required for the product to be considered complete however if feasible, the product shall include these requirements. Future projects may be initiated to deliver optional requirements not included in the scope of this project.

Note: All requirements shall be considered mandatory unless specified otherwise.

2. Summary of Requirements

2.1. General

The System should allow the users to view various tours conducted by "Tour India", its details such as itinerary, cost, schedules, stay & meal arrangements, etc. It should also provide information about passport & visa wherever applicable. The site should provide the page by page navigation and the navigation to the last page directly thru Top navigation bar with mouse-over or similar functionality. The system shall allow user to book the tour by filling up booking form and pay the cost thru payment gateway.

The system should be flexible and easy to maintain. It is expected that no hard-coding to be used and entire site should be database driven. All images, messages, labels, text, information etc. that would appear on any of the page should be manage thru database. The system should capable to handle most popular (if not all) AV file types (for e.g. JPEG, JPG, MPEGs, DAT, VBO,

Showcase, MP3+, WAV etc) along with MS WORD, EXCEL, Powerpoint, and PDF.

The system should provide multilingual functionality. English shall be default language. Hence system should be flexible to adopt any additional language without any change.

The system should be compatible with IE 5.0 or higher and Mozilla Firefox 2.0 and above.

Except Showcase page most of the screens will look like as fig-2. This can be considered as a template for all pages (except Showcase page).

	Functionality	Priority
01	Site should be compatible for IE browser v 6.0 (SP2) and above	Mandatory
02	Site should be compatible for Mozilla Firefox 2.0 and above	Optional
03	Entire site should be database driven	Mandatory
04	Multilingual Site	Nice to have
05	About page	Low
06	Contact Us	Low
07	e-Mail Us	Low
08	Video, Gallery, Bid, Download, Feedback pages	Low
09	Site map	Nice to have
10	One click navigation with mouse-over functionality wherever applicable	Mandatory
11	Mouse-over menu for Top-menu bar (and wherever applicable)	Nice to have
12	"Back" option of browser to be blocked (provide back button on each page)	Low
13	Receipt generation in .PDF format	Low
14	Left Link panel for "Tour page" (Except "Book Tour" Link	Low

3. Detailed Requirements

This section describes the detailed functional requirements. It also depicts the navigational flow of various web pages that are required to fulfill these requirements.

3.1. Showcase Page

The Intro page will be a showcase page. Refer Dig. – 1. It may have advertisement banner to showcase new schemes, events. The middle part of the page will be used to play TourIndia's advertisements (appeared in electronic media) or to display advertisement appeared in print media. These could be any of the A/V formats or PDF. The page will have "Skip info" button. This button will allow user to skip the advertisement being played. On click "Skip" button user will redirected to Home page.

Following diagram (Dig – 1) illustrates **Showcase page**.

Top Banner Area

The company name and / or monogram would be displayed in this top banner area. This area may have background image to display. The area may display advertisement banner in corners (left & right) (as shown banner –1 and 2 in diagram).

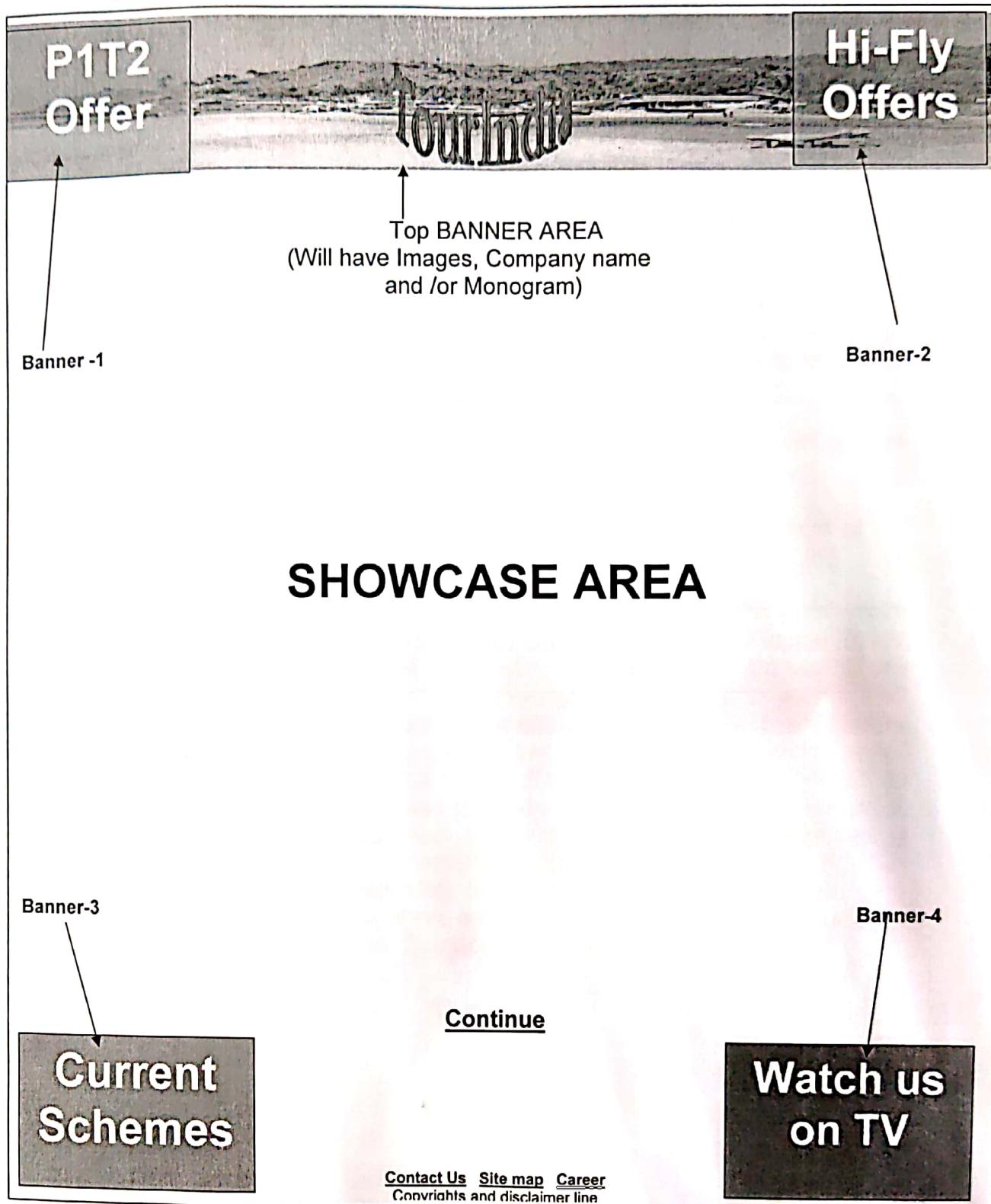
In the bottom left corner and bottom right corner of the page may have advertisement banners (as shown banner –3 and 4 in diagram).

Showcase Area

In this area the advertisement will be played / displayed. This could be Audio-visual file (A/V) in any of the format or it could be a image file in any of the valid image format or just a PDF file.

All images (as in top banner), advertisement banner (in whatever format) should manage thru database.

Fig. -1 Showcase Page



3.2. Home Page

On click "Continue" on Intro page the Home page will be displayed. It can also be displayed by clicking "Home" button that will be available on top menu bar on all pages (except showcase page). Please refer Dig. – 2. There should be provision to select language. The default language would be English.

The home page will have left and right panels for displaying advertisement. This is optional requirement however, if done, this advertisement banner may have a hyperlink that will take user to the specific page directly as defined. This could be specific sector page or it could be specific tour page. The home page will also have a crawling area just below the top menu bar for crawling text. The crawling text may have multiple items to crawl. This text may change very often. The concern person will decide the actual text time to time. The actual text should be referred from database.

The top menu bar should have mouseover functionality. The user will need to click only once.

The head office (H.O) address and bottom links would be displayed at the bottom of the page and centre aligned.

The display area would display images (icons) for each of the main sector (For ex. Domestic tours, International tours, Sport Tourism, Couple Tours, Event based tours, Hi-Fly tours, Maharashtra Darshan, etc.). On click of any of these will take user to the corresponding sector page (For ex. on click International Tours the user will get international sectors such as Europe, Singapore-Hong Kong, China, USA, Egypt etc. displayed on sector page). However on click "couple tours" user will get various tours identified as "couple tours". These tours may also be part of International or Domestic tours. For ex. Couple tours may have Paris-Switzerland, which is part of Europe sub-sector under International sector or it may have Kashmir (Domestic/Kashmir), Banlore-Ooty that is part of South-India sub-sector of Domestic sector. To display these sub-sectors the Sector page template may be used. Please refer section Sub-Sector Page for detail description.

Fig. -2 Home page

The screenshot shows the homepage of the TourIndia Travels Pvt Ltd website. At the top, there is a banner with the text "TourIndia" and a background image of a beach or coastal area. Below the banner is a navigation menu with links: Home, About, Tours, Search, Bid, Download, T & C, Feedback, Videos, Gallery, e-Mail us, and Contact. A "Crawling Area" and "Crawling Text" are displayed below the menu. On the left side, there is an "Ad Banner" with the text "Pay For 1 Fly 2 Offer". On the right side, there is another "Ad Banner" with the text "Low Fare Tours Rs. 11,111" followed by a list of tour packages: Shimla, Nainital, Leh-Ladakh, Haridwar-Carbett-Nainital Tours Starting from 15Jun till 15th Aug. The main content area features a grid of tour categories:

International Tours	Domestic Tours	Couple Tours	Adventure Tours
Sports Tourism	Varsha Sahal	Durga Bhraman	Sahal Swayanwar
Pilgrimage	Low Fare Dhamaka	Senior Citizen	Little Champ Big Camp
XXXXXX	YYYYYY	ZZZZZZ	AAAAAA

At the bottom of the page, there is contact information for TourIndia Travels Pvt Ltd, located at H.O: 111, L J Road, Dadar Mumbai 400028, Tel: (+91 22) 1234 5678, and links to Contact Us, Site map, and Career.

3.3. Sub-Sector Page

This page will use sector page template design. It would display images (icons) for all sub-sectors of selected sector. Please refer Dig. - 3. If number of icons are more then the page may be provided by vertical scroll bar or another set of icons may be displayed as a fresh page with the links "First", "Previous", "Next" , and "Last" to navigate. The sub-sector icons in display area would have a link to the page where all products of corresponding sub-sector would be displayed. Please refer section Product Page. The page should also display navigational flow on top as shown in diagram. (Tours>>Domestic>).

Dig. -3 Sub Sector Page

TourIndia

The screenshot shows a website for 'TourIndia'. At the top is a banner with the company name. Below it is a navigation menu with links: Home, About, Tours, Search, Bid, Download, T & C, Feedback, Videos, Gallery, e-Mail us, and Contact. A 'Crawling Area' is indicated above a grid of travel packages. A 'Crawling Text' is visible in the background. The main content area displays a 4x3 grid of travel packages:

Tours>>Domestic>			
Kashmir		Leh-Ladakh	Kerla
Seven Sisters	Varsha Sahal	Durga Bhraman	Sahal Swayanwar
Pilgrimage	Low Fare Dhamaka	Senior Citizen	Little Champ Big Camp
XXXXXX	YYYYYY	ZZZZZZ	AAAAAA

Ad Banner

Pay For 1 Fly 2 Offer

Ad Banner

Low Fare Tours Rs. 11,111 Smimla Nainital Leh-Ladakh Haridwar- Carbet- Nainital Tours Starting from 15Jun till 15th Aug

[First](#) [Previous](#) [Next](#) [Last](#)

TourIndia Travels Pvt Ltd
H.O: 111, L J Road, Dadar Mumbai 400028
Tel: (+91 22) 1234 5678

[Contact Us](#) [Site map](#) [Career](#)
Copyrights and disclaimer line

3.4. Product Page

This page shall use sector page template design. Hence this page would look like a sub-sector page. However it would display products of selected sectors in display area Please refer following Dlg. The duration and cost may be displayed underneath icons. On click any icon the user will be redirected to Tour Page.

The screenshot shows a website layout for 'TourIndia'. At the top, there's a banner with the 'TourIndia' logo and a background image of a coastal or mountainous landscape. Below the banner is a navigation bar with links: Home, About, Tours, Search, Bid, Download, T & C, Feedback, Videos, Gallery, e-Mail us, and Contact. Underneath the navigation bar, there are two sections labeled 'Crawling Area' and 'Crawling Text'. The main content area displays a grid of tour packages. The packages are arranged in four columns and three rows. Each package has a title, a small thumbnail image, a duration and cost label, and a large placeholder box below it.

Tour Package	Thumbnail	Duration & Cost	Placeholder Box
Kashmir Vasinodevi KV1		10N/11D INR 24,000	KKKKK
Simla Kulu Manali KV2		8N/9D INR 16,000	YYYYY
Leh-Ladakh LL1		9N/10D INR 19,000	ZZZZZ
Kashmir Special KS1		12D/11N INR 26,000	SSSSS
Himachal HC1		10N/11D INR 24,000	XXXXX
Kashmir – Couple tour KC1		8N/9D INR 16,000	
Kashmir – Delux KD1		9N/10D INR 19,000	
Kashmir – Economy KE1		12D/11N INR 26,000	AAAAA

[First](#) [Previous](#) [Next](#) [Last](#)

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Copyrights and disclaimer line

3.5. Tour Page

This page would use Tour page template design. This will have various tabs to navigate user to browse the tour details. The left link panel would have similar links and the similar navigation would be provided as of tabs. Refer Dig – 5. The tabs and the related information to be displayed are as follows –

- Itinerary
The detail day wise itinerary would be displayed in display area on click "Itinerary".
- Cost
The display area will show the detail costs (single person, twin sharing basis, extra person etc.). It will show the discount (if any)
- Date
All schedule dates of the selected tour would be presented on click "Date" tab.
- Journey
On click "Journey" the route of the tour should be shown
- Stay & Meals
This tab will provide information about the stay locations of the selected tours. It will also provide the information about what type of meals (breakfast, lunch, dinner) that will be provided during tour.
- Map
This will display illustrative map with the route of the tour
- Add-on
On click "Add-on" the information would be provided about possible add-ons / detour that one may opt at cost
- Passport & Visa
This tab will provide the information about the various documents and type photographs required for the countries that are being covered in selected tour.
- Weather
The user will be informed about the weather during various seasons in the area covered in tour.

➤ Do & Don'ts

This tab will inform users about DOs and Don'ts in general and in particular for selected tour. (Especially the tough sectors like Leh or Kailas-Mansarovar)

➤ Video

In this tab user can watch various videos of that tour

➤ Photo Gallery

The user can browse photos of that tour

➤ Terms & Conditions

All terms and conditions along with the cancellation rules will be displayed in this tab.

The left link panel will have "Book Tour" link apart from the links as like tabs describe above. The "Book Tour" link will redirect the user to the "Book tour" Page. This link will allow user to book the tour and further user will be redirected to payment gateway. On successful payment the receipt will be presented (in printable format Or preferably in .PDF format). Finally the user will be taken back to the Home page.

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Dig – 5 Tour Page

The screenshot shows a web page for 'TourIndia' with a header featuring a landscape image and navigation links: Home, About, Tours, Search, Bid, Download, T & C, Feedback, Videos, Gallery, e-Mail us, and Contact.

A vertical sidebar on the left lists various tour components under 'KV1': Itinerary, cost, Dates, Journey, Stay & Meals, Map, Add-ons, PP/VISA, Weather, Do & Don't, Video, Photo, and TC. Below this, a list of links includes: Itinerary, Cost, Dates, Journey, Stay & Meal, Map, Add-Ons, PP & VISA, Weather, Do & Don't, Videos, Photo-, Gallery, Terms & Conditions, Brochure, BOOK, and TOUR.

The main content area is labeled 'DISPLAY AREA' and contains contact information for TourIndia Travels Pvt Ltd:

TourIndia Travels Pvt Ltd
H.O: 111, L J Road, Dadar Mumbai 400028
Tel: (+91 22) 1234 5678

At the bottom of the page are links: Contact Us, Site map, Career, and Copyrights and disclaimer line.

3.6. Search Page

This page will allow user to search tours on various options. For ex. he/she may want wants to search tours of specific duration, or within cost etc. Please refer Dig. – 6.

The page should provide following search options.

- Period
- Cost
- Duration

Search on Period

If customer wants to know about the tours during specified period then "Period" search option would be the option. In this case user will provide from and to date and system should list out all tours that are commencing and ending within that period with following details.

- Tour code
- Start date
- End date
- Tour cost

Search on Cost

A customer may be interested to know the tours within his/her budget. He/she may specify a price band (i.e. the tour cost ranging 20,000 to 30,000). To list all such tours user can opt "Price" search by specifying price band. The system should list the tours with following details

- Tour code
- Start date
- End date
- Tour cost

Search on Duration

If customer wants to check the tours of specified duration then user can go for "Duration" search by specifying the duration range (i.e. 6 to 10 days tours). The system shall report all tours meeting the criteria with following details.

- Tour code
- Start date
- End date
- Tour duration
- Tour cost

The search results would be displayed. Each item in result list shall have link "Get Details". On click this link the user will be redirected to the tour page where selected tour details would be displayed.

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Dig. -6 Search Page

The screenshot shows the TourIndia website's search interface. At the top, there is a banner with the word "TourIndia" and a landscape image. Below the banner is a navigation menu with links: Home, About, Tours, Search, Bid, Download, T & C, Feedback, Videos, Gallery, e-Mail us, and Contact. The main search form is titled "Search on". It contains three search criteria: "Period" (From dd/mm/yyyy To), "Price Band" (From _____ To _____ e.g. From Rs 10000 to), and "Duration" (From _____ To _____ e.g. From 6 to 10). There is a "GO" button and a "Close" link.

(nn) Tours found based on your criteria

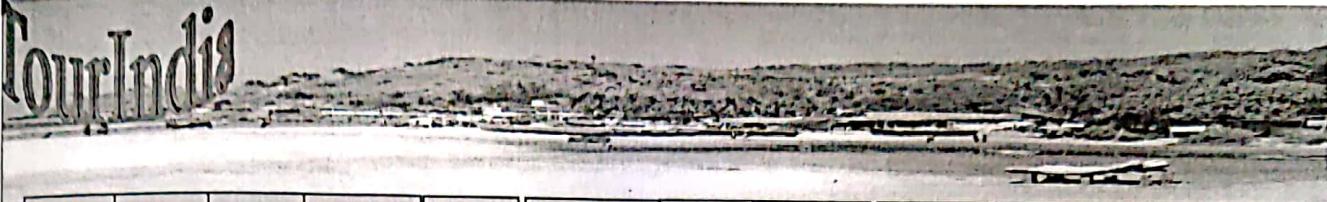
Tour Name	Start date	End Date	Duration	Cost	Action
KS1 Kashmir Special	10-01-2010	19-01-2010	9N/10D	INR 22,000	Get Detail
KK1 Kerala Kanyakumari	12-01-2010	18-01-2010	6N/7D	INR 21,865	Get Detail

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3.7. Book Tour

This page will allow user to book the tour. The user needs to enter primary passenger's details (Name, Address, Contact No., e-Mail etc.). Tour code and Tour name will be pre-populated. The page will allow user to enter other passengers details (Name, Birth date, Sex,) The system should calculate the age as on departure date. Based on the age the appropriate price should be considered for calculation of tour cost. User can add as many as passengers by using "Add Pax" button. On click "Done" the system will display pax summary (No. of Adults, child, infants etc), room requirement (No. of single rooms, double, triple etc). The tour cost will be calculated and displayed. The user will book the tour by using "Pay" button. He/she may cancel and go back to tour page by using "Cancel" button. On click "Pay" the user will be redirected to payment gateway. On successful payment the unique order number will be generated and receipt will be displayed and e-mailed to user. It would be preferable to generate the receipt in PDF format.

Dig. -7 Book Tour Page



Home About Tours Search Bid Download T & C Feedback Videos Gallery e-Mail us Contact

Primary Customer Details:

First Name: _____ Middle Name: _____ Last Name: _____

Flat / Room No. : _____ Building Name: _____

Street/Rd,: _____ Area_____

Town / City: _____ State: _____ PIN: _____

Tel. No: (H) (+91) (022) (28974855) (O) (+91) (022) (28971479) Cell No.: (91) 9869617620

E-Mail: _____

Tour Cod & Name _____ Date: dd/mm/yyyy

Pax Details

No	Name	Sex	Dob	Age
1	XXXXXXXXXX Y ZZZZZ	M	Dd/mm/yyyy	45
2	AAAAAAAAAAAA BBBB	F	Dd/mm/yyyy	40
3	DDDDDDDDDD G YYDTDYD	F	Dd/mm/yyyy	13
4	HSHSHSH F KLSLSL	M	Dd/mm/yyyy	7

Add Pax Done

Adults: 3 Child(1-12Yrs): 1 Infant: 0 TOTAL Pax: 3

No. of exta Beds: 0

Tour Cost : Single Person: @9999 x nn = 999999
Adults: @9999 x nn = 999999
Child W/O Bed: @9999 x nn = 999999
Child With Bed: @9999 x nn = 999999

TOTAL Tour Cost 9,99,99,999

Pay

TourIndia Travels Pvt Ltd
H.O: 111, L J Road, Dadar Mumbai 400028
Tel: (+91 22) 1234 5678

4. General Information

- Team leader need to submit report every week
- All milestone should to be submitted as per schedule
- Any change (if needed) in system will require prior approval
- Assumptions made should be informed and should be approved

5. Point Of Contact

All queries may be sent to Jayant Ponkshe thru mail jayant.Ponkshe@gmail.com or may be discuss in person.

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