

Case Study:

# Application Development

## Public Sector Unit

### Client Situation

Our client, one of Eastern India's prominent tourism departments, is part of the composite office Directorate of Tourism. It is a public sector undertaking, functioning under the administrative control of this Department constituted in Tourism Department Resolution No-3221-TSM dt.27.02.79 and was incorporated under the Indian Companies Act, 1956.

Experis IT was awarded with the contract of studying, Development and Implementation of the Tourism Portal solution.

### Project Brief

The tourism portal provides solutions for business-to-business (B2B) and business-to-consumer (B2C) e-commerce. The portal facilitates the linkages between local tourism providers and the government bodies and helps them manage the tourism resources better. The adoption and usage of e-business practices would facilitate the evolution from traditional tourism information and management systems and the integration of tourism enterprises into the digital economy.

As far as B2C relationships are concerned, the primary function of the tourism portal is to provide consumers with comprehensive and accurate information for the preparation of their travel plans including online reservation facilities. With regard to B2B, the tourism portal provide tourism enterprises with the means for better integration into tourism supply chains by promoting personalized and enriched tourism experiences directly to a large number of tourists and consumers.

### Experis IT Solution

The proposed system is conceived to communicate and market tourism offerings of the state through the Internet. The system include general information about different aspects of the state, information regarding tourism offerings in the state, methods to communicate with potential tourists and members of the general public and a facility for online reservation of rooms and tours offered by various hoteliers, tour operators and travel agents etc

The application contains the following key features.

- Content Management
- Search (Basic site search and Advanced Directory Search)

### About Experis IT

Experis IT is a leading provider of customized IT staffing, technical and business process solutions with offices across major markets in India and Singapore.

Now a ManpowerGroup company, Experis IT leverages its expertise by providing clients with a single source solution for highly skilled talent and technology solutions in IT.



Experis<sup>™</sup>IT  
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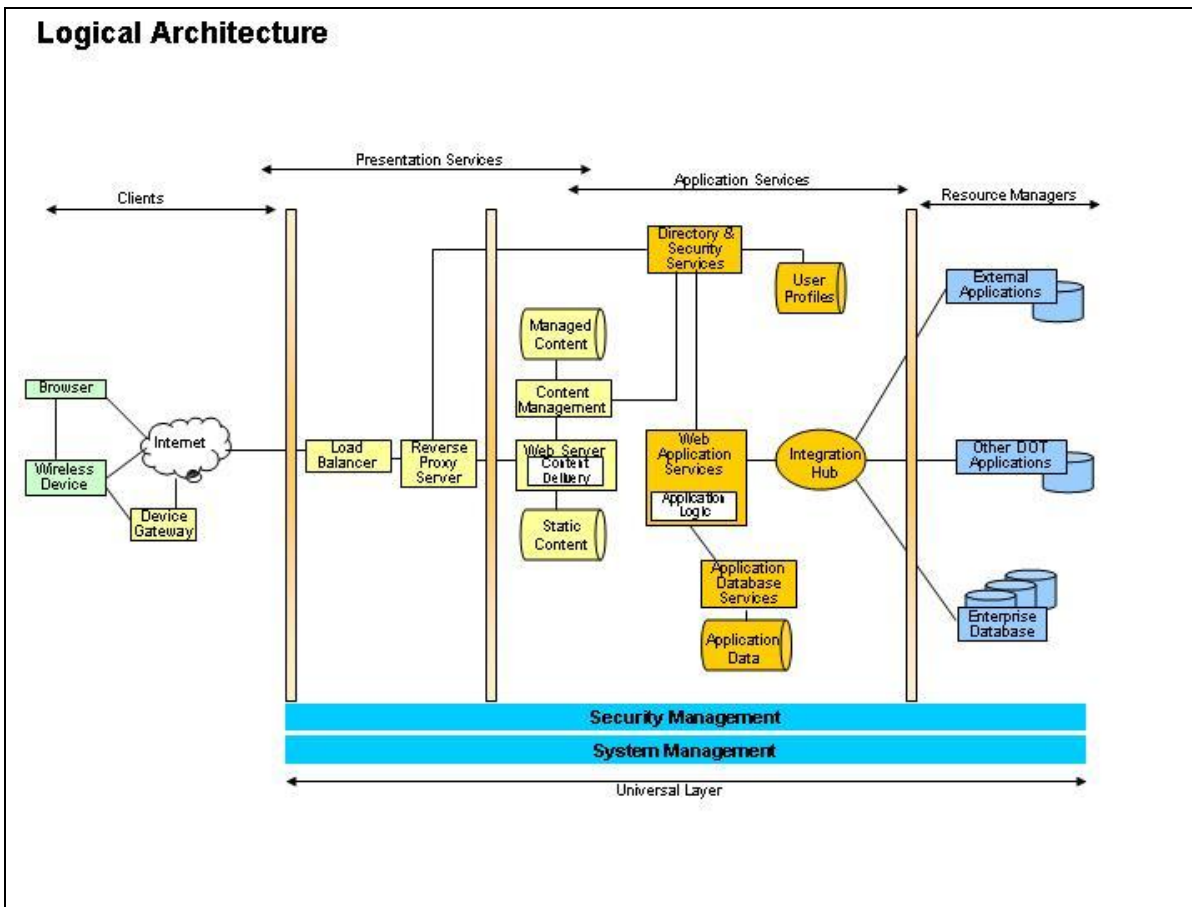
- Registration of users (Web users, Business users, Portal Administrative users)
- Business user approval
- Creation of internal users of various Business houses and their role assignment
- User Profile Management (Edit profile, change password, forgot password)
- Travel Planner
- Distance /Place Locator
- Information Services (ATM, Banks, Bus Services, Shops etc)
- Online Reservation System (Accommodation, Package Tour Booking)

## Technology Specifications

Experis IT developed and deployed the Workflow applications using the following technology and services platforms.

Key Components	
Application	Tourism Portal
<b>Solution Components:</b>	<ul style="list-style-type: none"> <li>▶ <b>Operating System:</b> IBM AIX (Ver 5.3)</li> <li>▶ <b>Client:</b> Web Browser (Internet Explorer 6 and above, Netscape 6 and above)</li> <li>▶ <b>Web Server:</b> Oracle HTTP Server</li> <li>▶ <b>Application Server (Middleware):</b> Oracle Application Server Enterprise 10g</li> <li>▶ <b>Portal:</b> Oracle AS Portal</li> <li>▶ <b>Content Management:</b> Built in OracleAS Portal</li> <li>▶ <b>RDBMS:</b> Oracle 10g Database</li> <li>▶ <b>Development tool (IDE):</b> JDeveloper</li> <li>▶ <b>Technology:</b> J2EE</li> <li>▶ <b>Security Encryption:</b> SSL Third Party SSL Certificate (Verisign)</li> </ul>

## Logical Architecture



# Sample Screenshots

The screenshot displays the 'Visit Orissa' website. At the top, there is a navigation bar with links for 'About Orissa', 'Major Attractions', 'Booking Accommodation', 'Travel Guide', 'Business Zone', and 'Contact Us'. A prominent banner features a colorful, intricate circular pattern. Below this, a 'Welcome to Orissa' section includes the tagline 'The Essence of Incredible India!' and a message inviting user feedback. The main content area is divided into several sections: 'Arts and Crafts Of Orissa', 'Beaches, Lakes and Waterfalls', and 'Wildlife Sanctuaries'. A 'Picture Gallery' section is also visible, featuring a camera icon and a photo of a beach. On the right side, there is a 'News U' section with a map of Orissa, a search bar, and a 'LOGIN' button. Below the search bar, there are sections for 'Find Accommodation' and 'Find Package Tour', both with dropdown menus for 'Accommodation Type', 'Category', 'Price Range', 'City', and 'Duration'. A 'Todays Poll' section asks 'Which place did you like the most in Orissa?' with radio button options for 'Bhubaneswar', 'Cuttack', 'Puri', and 'Others'. At the bottom, there are links for 'Event Calendar' and 'Download Brochure'. The footer contains copyright information for the Government of Orissa, dated 2007.

Visit ORISSA  
Scenic, Serene, Sublime

Konark Festival (Oct-15,2009)  
Open Air Auditorium, Konark, Orissa  
Click here to download  
Route map of HOP-ON-HOP-OFF BUS Service

About Orissa Major Attractions Booking Accommodation Travel Guide Business Zone Contact Us

News U

Search  
GO

Sign In  
LOGIN

Forgot Password?  
Register Now

Find Accommodation  
Accommodation Type  
All  
Category  
All  
Price Range  
All  
City  
ALL  
FIND

Find Package Tour  
Package Tour Type  
All  
Duration  
All  
City  
All  
FIND

Indigenous Culture  
The tribal people express their cultural identity and distinctiveness in their social  
Click here for more

Fairs and Festivals  
Every state has its own festivals and rituals. Orissa being a land of ancient temples  
Click here for more

Temples of Orissa  
Step back in time through the ancient temples and monuments. It is no wonder that  
Click here for more

Special Tourism Promotion Officers (STPO) Scheme  
From  
Government of Orissa  
Department of Tourism & Culture(Tourism)

Picture Gallery  
You choose your trip from the gallery

Screen 1

Event Calendar  
Download Brochure

Government of Orissa Website.  
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Site Map | Terms and Conditions





- Web User**
- Edit your Profile
  - Change Password
  - Booking
    - + Accommodation
    - + All Hotels
    - + Orissa Tourism Hotels
    - + Package Tour
  - Wish List
  - Message Center
  - Make Payment
  - Download Voucher
  - Cancellation
  - Upload Pictures

Home : Accommodation : **Panthanivas**  
**Accommodations (For Online Users Please Register/ Registered Users Please Login!)**

City:

Your search resulted in the following accommodations:

**Disclaimer : Tariff and information on facilities are only indicative. Please contact concerned hotel for up-to-date tariff and information.**

**Panthanivas Puri**

Chakratirtha Road, Puri - 752001, PURI  
 Phone: 06752-222562, 222740.  
 Fax: .  
 Email: .

+ View Gallery

**Online Booking Available, Registered Users Only**

**Room Category**

Type	No.	Peak Season Tariff (INR)	Lean Season Tariff (INR)	Plan
Suite	2	2500.00	2500.00	EP
AC DR Deluxe	22	1500.00	1500.00	EP
Non-AC (S) DR	3	550.00	550.00	EP
Non-AC FR	1	1000.00	1000.00	EP

**Facilities Available**

Name	Nos.	Description
<b>Add To Wish List</b>		

**Show My Wish List**

Screen 2

**News Updates**

Search

**GO**

Welcome Samir Sahu

My Profile [Logout](#)

**Find Accommodation**

Accommodation Type:

Category:

Price Range:

City:

**FIND**

**Find Package Tour**

Package Tour Type:

Duration:

City:

**FIND**

- [Event Calendar](#)
- [Download Brochure](#)





**News Updates**



- Internal User**
- Services
  - Approve Services
  - Room Inventory
  - Message Center
  - Approve Booking Order
  - Approve Offline Booking
  - Upload Voucher
  - Approve Cancellation
  - Set Refund Amount
  - Make Refund
  - Send Promos.
  - Report

Home : [Confirm Booking](#) : [Report](#)

**Confirm Booking Report**

Select Accommodation to View Report:

From Date:

To Date:

Select Transaction Type:

Report Generation Date : 26-Nov-2009

User & Transaction Information	Date of Booking	Name of Hotel	Period of Booking	Room Type	No of Room	Amount
User Name: TARUN MISRA , Telephone No :9932001514 , Email : misrasim@yahoo.com , Booking Id :261120091227, Mode of Payment :Online, Grand Total :1500.0	26-nov-09 08:27:10	Panthanivas Cuttack	04-DEC- 2009	Double - AC DR Deluxe (EP) -	1	Rs. 1500.0/-
User Name:Pradeep Kumar Sahoo , Telephone No :0674 - 2430764 , Email :tliak.chat@gmail.com , Booking Id :251120091224, Mode of Payment :Payment at counter, Grand Total :650.0	25-nov-09 15:43:06	Panthanivas Barkul	26-DEC- 2009	Double - Non-AC DR (EP) -	1	Rs. 650.0/-
User Name:Pradeep Kumar Sahoo , Telephone No :0674 - 2430764 , Email :tliak.chat@gmail.com , Booking Id :251120091223, Mode of Payment :Payment at counter, Grand Total :750.0	25-nov-09 15:26:53	Panthanivas Taptapani	06-DEC- 2009	Double - Non-AC DR (EP) -	1	Rs. 750.0/-

1 | 2 | >>

Search

Welcome  
Otdc Manager

[My Profile](#) [Logout](#)

**Find Accommodation**

Accommodation Type

Category

Price Range

City

**Find Package Tour**

Package Tour Type

Duration

City

[Event Calendar](#)

[Download Brochure](#)



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