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**ONLINE BUS TICKET BOOKING  
FOR  
MULTIPLE TRAVEL COMPANIES USING AJAX**

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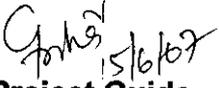
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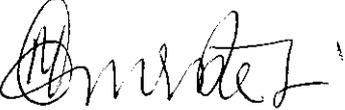
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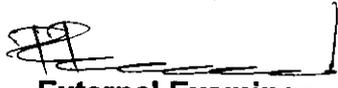
Certified that this project report titled **Online Bus Ticket Booking For Multiple Travel Companies Using AJAX** is the bonafide work of **Ms. Yogalakshmi P** who carried out the research under my supervision. Certified further, that to the best of my knowledge the work reported herein does not form part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

  
**Project Guide**

  
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Submitted for the University Examination held on 03/07/07

  
**Internal Examiner**

  
**External Examiner** 3/7/07

## CERTIFICATE

This is to certify that the project titled "**Online Bus Ticket Booking For Multiple Travel Companies using AJAX**" is submitted to **Pantech Solutions Pvt Ltd.**, in fulfillment of the requirement for the final semester degree of MCA to be awarded by Anna University.

This project is a bonafide record at work carried out by **Ms.P.Yogalakshmi** (Reg No: 71204621060) under the supervision and guidance of **Mr.S.Prakash** , Project Leader, Pantech Solutions Pvt Ltd., Coimbatore between a period of **December 2006 to June 2007.**

We are happy to recommend that **Ms.P.Yogalakshmi** who has completed the project successfully be an asset to any organization that she is going to serve in future.

Source code of the project developed by the trainee at Pantech Solutions Pvt Ltd., Coimbatore is not given to the trainee, as per the policy of the Company.

Thanking You

For Pantech Solutions Pvt Ltd.,

  
Ms.Siva Shankari.R

(Technical Coordinator)



## ABSTRACT

This project entitled **“Online Bus Ticket Booking for Multiple Travel Companies Using AJAX”** is used to allow the user to book online bus tickets speedily. This system enables the user to book bus tickets for different travels from this single website itself so that the user do not have to log on to various websites to book tickets. This web application is enabled with AJAX so that the user gets a quick response from the server whenever he tries to choose the different source, destination and date of travel.

This system maintains the database of the travel companies who are all registered with this site. The administrator of the travel companies are allowed to log on to the site and allowed to access the database to add, delete and update bus details, timings and date of journey using the user name and password provided by the site when they gets registered. The travel companies desktop which deliver tickets from their landscape location are linked to the database of this site in order to keep updating the database whenever the tickets are delivered and cancelled.

Also the user is allowed to choose the desired seat number from the available seat. When the user confirms the ticket, the e-ticket is sent to his e-mail id automatically.

This system is designed and developed using the powerful front end tool ASP .NET, C# .NET and backend tool SQL SERVER 2000.

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**LIST OF ABBREVIATIONS**

<b>Abbreviations</b>	<b>Explanation</b>
AJAX	Asynchronous Java Script & XML
HTTP	Hyper Text Transfer Protocol
XML	Extensible Markup Language
HTML	Hyper Text Markup Language
CSS	Cascading Style Sheet
ASP	Active Server Pages
SQL	Structured Query Language
IIS	Internet Information Service
DFD	Data Flow Diagram

## **CHAPTER 1**

### **INTRODUCTION**

#### **1.1 OBJECTIVE OF THE PROJECT**

This project entitled "Online Bus Ticket Booking for Multiple Travel Companies Using AJAX" is used to allow the user to book online bus tickets speedily. Through this web application the user can book bus tickets online for different travels. This website is highly designed with AJAX which enables the user to get quick response from the server, so that the user do not have to wait for a long time whenever the user try to choose the different source, destination and date to travel on.

This system mainly deals with two major modules, namely, the user module and the admin module. The user module will allow the user to log on and to access various functionalities of the site. This module has 5 sub-modules which allow the user to plan the travel to book ticket, to check bus fare, to reserve tour packages, cancel tickets and to update user details. The user is allowed to choose the desired seat number from the available seats. The user can cancel all or some number of seats that he had booked. This project helps the customer to access quickly since it is enabled with AJAX.

The administrative module will maintain the database of the various travel companies. It also allows the administrators of the travel companies to log into the website to access the database to add, view and update bus details, bus timings and date of journey. It also generates various reports that are helpful for the administrator to know the status of the buses. The system is

also devised to have further enhancement to the further improvement in the future.

## **1.2 ORGANIZATION PROFILE**

Pantech Solutions is a professional designing and development concern engaged in web media, digital-media and E-commerce services. Pantech manages all aspects of website development and digital-media projects, from conception to final product using the best technology available. Pantech aims at establishing a constructive working relationship with their clients by providing them with a responsive technical support.

The core philosophy of Pantech is to provide cost effective & innovative solutions. Emphasis in the design is to map the user requirements, assurance of system maintainability, reliability and the provision of easy upgrade ability. We offer our clients a wide range of services in new and traditional media. This allows you to select a holistic approach for your online marketing requirements. Whatever your solution requirements, we will develop it using a structured project management approach to ensure that the project arrives on time and within budget. Pantech mainly concentrates in the following areas:

- ✓ Web Designing.
- ✓ Web Hosting.
- ✓ Web Maintenance.
- ✓ Web Re-Development.
- ✓ Personal Websites.
- ✓ 3-tier & Multi tier Architectural Application Development.

## CHAPTER 2

### SYSTEM REQUIREMENT SPECIFICATION

The Software Requirements Specification is a technical specification of requirements for the software product. The goal of software requirements definition is to completely specify the technical requirements for the software products in a concise and unambiguous manner.

#### 2.1 HARDWARE REQUIREMENTS

The hardware requirements are:

Processor	:	Intel Pentium IV
Memory	:	128 MB RAM
Hard Disk Capacity	:	40 GB
Monitor	:	15 " inch SVGA
Mouse	:	Logitech Mouse (Scroll)
Keyboard	:	108 Keys
Internet Connection	:	256 KBPS

#### 2.2 SOFTWARE REQUIREMENTS

The software requirements are:

Operating system	:	Windows XP
Front end tool	:	ASP .NET USING C# .NET
Back end tool	:	SQL server 2000
Web Sever	:	IIS
Web Browser	:	INTERNET EXPLORER 6.0

## **2.3 SOFTWARE OVERVIEW**

### **2.3.1 .Net Framework**

.NET is a "Software Platform". It is a language-neutral environment for developing rich .NET experiences and building applications that can easily and securely operate within it. When developed applications are deployed, those applications will target .NET and will execute wherever .NET is implemented instead of targeting a particular Hardware/OS combination. The components that make up the .NET platform are collectively called the .NET Framework.

The .NET Framework is designed for cross-language compatibility. Cross-language compatibility means, an application written in Visual Basic .NET may reference a DLL file written in C# (C-Sharp). A Visual Basic .NET class might be derived from a C# class or vice versa.

### **2.3.2 ASP .NET**

ASP.NET is more than the next version of Active Server Pages (ASP); it is a unified Web development platform that provides the services necessary for developers to build enterprise-class Web applications. While ASP.NET is largely syntax compatible with ASP, it also provides a new programming model and infrastructure that enables a powerful new class of applications.

ASP.NET is a compiled .NET-based environment; you can author applications in any .NET compatible language, including Visual Basic, C# and Jscript.NET. Additionally, the entire .NET Framework platform is available to

any ASP.NET application. ASP.NET configuration settings are stored in XML-based files, which are human readable and writable. All ASP.NET code is compiled rather than interpreted, which allows early binding, strong typing, and just-in-time (JIT) compiling to native code, to name only a few of its benefits.

### **2.3.3 C#**

The first component-oriented language in the C/C++ family is C#. It is robust and durable software for next generation. Its component concepts include mainly classes and objects. It also includes properties, methods, events, design-time and run-time attributes and integrated documentation using XML.

It can be embedded in web pages. It has no header files. It has improved extensibility and reusability. Pervasive versioning considerations in all aspects of language design. A set of .NET components collectively known as ADO.NET provides efficient access to relational database and variety of data source.

### **2.3.4 AJAX**

AJAX is an acronym for **A**synchronous **J**avaScript **A**nd **X**ML. AJAX is not a new programming language, but simply a new technique for creating better, faster, and more interactive web applications. AJAX uses JavaScript to send and receive data between a web browser and a web server. The AJAX technique makes web pages more responsive by exchanging data with the web server behind the scenes, instead of reloading an entire web page each time a user makes a change.

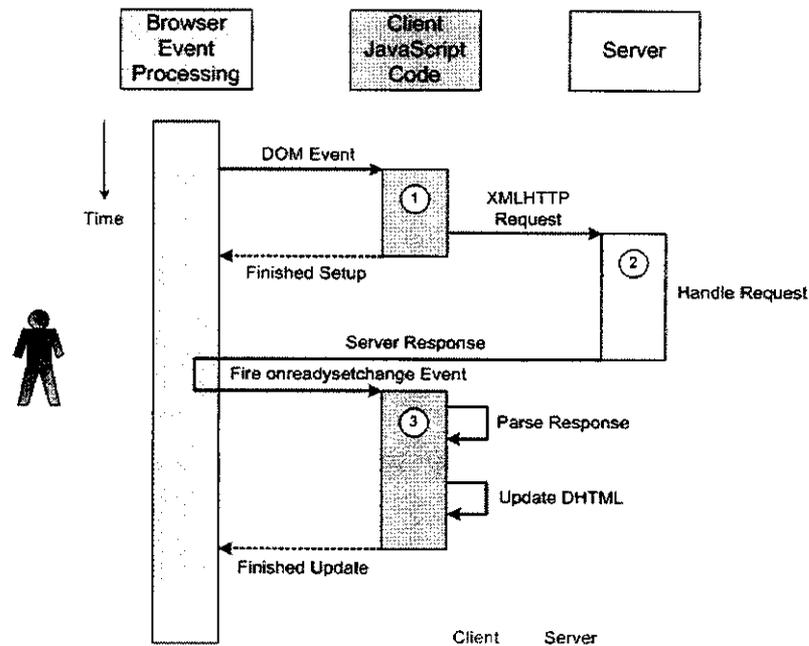


Figure 2.1 AJAX – Working Logic

With AJAX, web applications can send and retrieve data without reloading the whole web page. This is done by sending HTTP requests to the server (behind the scenes), and by modifying only parts of the web page using JavaScript when the server returns data. XML is commonly used as the format for receiving server data, although any format, including plain text, can be used.

### 2.3.5 SQL SERVER 2000

SQL Server 2000 supports having a wide range of users access it at the same time. An instance of SQL Server 2000 includes the files that make up a set of databases and a copy of the DBMS software. Applications running on separate computers use a SQL Server 2000 communications component to transmit commands over a network to the SQL Server 2000 instance.

## **CHAPTER 3**

### **SYSTEM ANALYSIS**

System Analysis is the process of understanding a problem domain and the user requirements for the purpose of developing a computer application system to serve the needs of the users.

#### **3.1 EXISTING SYSTEM**

In the existing web application, the user has to book tickets in the travel company's website in particular and is a tedious job. Another important issue is that every time the user tries to choose different source, destination and date of journey, the user has to wait for a long time until the server loads the entire page, which is a time consuming process. Also in the existing system the total number of available seats are only displayed and so the user will not be able to choose the desired seat number to travel.

##### **3.1.1 Drawbacks of the existing system**

The drawbacks in the existing system are:

- ✓ Time consuming.
- ✓ Users have to stare at the blank screen for a long time.
- ✓ Tedious to search various sites to check bus availability.

### **3.3 PROPOSED SYSTEM**

The proposed system overcomes all those drawbacks using AJAX. This technique uses JavaScript to send and receive data between a web browser and a web server. The AJAX technique makes web pages more responsive by exchanging data with the web server behind the scenes, instead of reloading an entire web page each time a user makes a change. Facility is also provided to the user to cancel the partial ticket cancel ticket.

When the user chooses the source, destination and date of journey it retrieves the availability of buses for different travels those who have registered with this site. The user is allowed even to choose the desired seat number from the available seats. The administrator of each travel company has a privilege to log on to administrator console to access administrator functions.

The administrator of the travel companies are allowed to log on to the site and allowed to access the database to add, delete and update bus details, timings and date of journey using the user name and password provided by the site when they gets registered.

#### **3.3.1 Advantages of the Proposed System**

The advantages of the proposed system are:

- ✓ Faster retrieval of data.
- ✓ Enables the user to book bus tickets of different travels from this single web application.
- ✓ User is allowed to choose desired seat number from available seats.
- ✓ The administrator is allowed to access the database from this site.

## **CHAPTER 4**

### **SYSTEM DESIGN**

System design is the most creative and challenging phase in the life cycle of system development. The first step to determine is what input data is needed to form the system and the database that has to be designed should meet the requirement of the proposed system. The next step is to determine how the output is produced and in what format.

#### **4.1 ELEMENTS OF DESIGN**

The following are the elements of the system design;

- ✓ Input design
- ✓ Output design
- ✓ Database design

##### **4.1.1 Input design**

The input design is the process of converting the user-oriented inputs into the computer-based format. The goal of designing input data is to make the automation as easy and free from errors as possible. The requirements of input design such as user friendliness, consistent format and interactive dialogues for giving the right message and help for the user at right time are also considered for the development of the project.

The input forms used in this system are:

#### **4.1.1.1 User Module:**

- a. User login form:** It allows the existing users to log on the site and to create new login for new users. Ref Figure A.1, Page no. 24
- b. Check fare form:** It checks bus fare for the chosen source, destination and bus type such as ac, non-ac, and semi-sleeper. Ref Figure A.4, Page no. 27
- c. Plan my travel form:** It accepts the source, destination and date of journey from the user and displays the available buses from all travels. Further the user is allowed to select the choice of the bus to travel. Ref Figure A.5, Page no. 28
- d. Seat availability form:** It allows the user to choose the seat desired seat number from the available seat .Ref Figure A.9, Page no. 32.
- e. Cancellation form:** It allows the user to cancel tickets. Also the can cancel the partial ticket from the tickets that he booked already. Ref Figure A.12, Page no. 35
- f. Tour package form:** Every tour package has the reservation form in that page, the user have to fill the form if they wish to travel that tour. The filled reservation form is sent to the travel companies E-mail ID. The travel companies contact the user in person for further dealings. Ref Figure A.13,Page no. 36

**g. Feedback form:** The user can fill their feedback and it is mailed to the particular travel companies E-mail id. Ref Figure A.15, Page no. 38

#### 4.1.1.2 Admin Module

- a. Admin main page:** It includes admin login which allow the administrator of the travel companies to create and update travel company profile. Ref Figure A.16, Page no. 39
  
- b. Bus details form:** It allows the administrator of the travel companies to add, delete, view and update bus details such as bus timings and date of journey of the bus . Ref Figure A.19, Page no. 42

#### 4.1.2 Output design

The outputs are mainly used to communicate with the user, processing the input data given by the user. It is documented in each stage of the project to ensure error free output. The output screens are designed in a very simple and easy to understand format. All user options are presented in well-formatted forms. The user friendliness of the output screen makes it very easy to use. The quality refers to the way by which the output is presented to the user.



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The main outputs of the system are:

- a. e- ticket:** When the user selects and confirms the seat, the ticket is automatically mailed to the user mail id Ref FigureA.11, Page no. 34 or the user is allowed to print that page Ref Figure A.10, Page no. 33
- b. Plan My travel:** When the user enters the source, destination and date the uses available on the user preference from all travels are displayed. Ref Figure A.1, Page no. 31
- c. Reports:** In the admin module it generates various reports such as view all buses by date and type, frequent customers of the particular bus etc,.

#### **4.1.3 Database design**

A database is a collection of interrelated data stored with minimum redundancy to serve many users quickly and efficiently. The general objective of database design is to make the data access easy, inexpensive and flexible to the user.

The design of the database is one of the most critical parts of design phase. An elegantly designed database can play as a strong foundation for the whole system. The details about the data relevant for the system are identified first. The data types for each data item in the tables are decided.

## 4.2 TABLE DESIGN

The following tables have been used.

**Table Name :** UserLogin

**Description :** This table holds the user login name and password

Field Name	Data Type	Field Size	Constraint
LoginName	nVarChar	50	Primary key
Password	nVarChar	50	

Table 4.1

**Table Name :** TravelCompanyLogin

**Description :** It table stores the travel companies administrator's username and password those who are registered with this site.

Field Name	Data Type	Field Size	Constraint
LoginName	nVarChar	50	Primary key
Password	nVarChar	50	

Table 4.2

**Table Name:** UserDetails

**Description:** This table holds the details of the users who have registered with this site.

Field Name	Data Type	Field Size	Constraint
Name	nVarChar	50	
LandlineNo	Char	50	
MobileNo	Char	10	
Address	nVarChar	50	
City	nVarChar	10	
State	Char	50	
Pincode	Char	10	
Country	nVarChar	50	
EmailId	nVarChar	75	
LoginName	nVarChar	50	Foreign key references userlogin

Table 4.3

**Table Name:** TravelCompanyDetails

**Description:** This table holds the details of the travel companies who have registered with this site.

Field Name	Data Type	Field Size	Constraint
TravelID	Int		Primary Key
Name	nVarChar	50	
NumberOfBuses	Char	10	
LandlineNo	Char	50	
MobileNo	Char	10	
Address	nVarChar	50	
City	nVarChar	10	
State	Char	50	
Pincode	Char	10	
Country	nVarChar	50	
EmailId	nVarChar	75	
LoginName	nVarChar	50	

Table 4.4

**Table Name:** BusDetails

**Description:** This table stores details of all the buses of all the travel companies.

Field Name	DataType	FieldSize	Constraint
BusID	int	10	Primary Key
TravelID	int	10	Foreign Key references table TravelCompanyDetails
BusType	nVarChar	25	
BusNo	nVarChar	10	
Seats	int	2	
Fare	float	5,2	

Table 4.5

**Table Name :** BusTimings

**Description:** This table holds the bus timings of all the buses.

Field Name	DataType	FieldSize	Constraint
BusID	int	10	Foreign Key references table BusDetails
StartingPlace	nVarChar	50	
Destination	nVarChar	50	
StartingTime	nVarChar	50	
DepartureTime	nVarChar	50	
TravellingHours	Float	2,2	

Table 4.6

**Table Name:** SeatDetails

**Description:** This table holds the seat numbers of all the buses.

Field Name	Data Type	Field Size	Constraint
BusID	int	10	Foreign key references Bus details
S1	nVarChar	2	
.	.	.	.
.	.	.	.
.	.	.	.
S40	nVarChar	2	
Dt	Date/Time		

Table 4.7

**Table Name:** TicketInfo

**Description:** This table holds the booked ticket information.

Field Name	Data Type	Field Size	Constraint
TicketNo	char	10	Primary Key
UserName	nVarChar	50	
DateofJourney	Date/Time		
BusID	char	10	
BusNo	char	10	
TravelName	nVarChar	50	
Amount	Float	6,2	
S1	nVarChar	2	
.	.	.	.
.	.	.	.
.	.	.	.
S40	nVarChar	2	
NumberOfSeats	int	5	

Table 4.8

## CHAPTER 5

### DATA FLOW DIAGRAM

#### 5.1 DATA FLOW DIAGRAM

The data flow diagram is graphical representation which depicts the information regarding the flow of control and the transformation of data from input to output. The dataflow may be used to represent the system software at any level of abstraction. In fact dataflow diagram may be partitioned into levels. A level 0 data flow diagram is called the Context Diagram, which represents the entire software element as single bubble with input and output arrows.

##### 5.1.1 DFD Level 0:

This diagram shows the level 0 data flow diagram which represents the entire software.

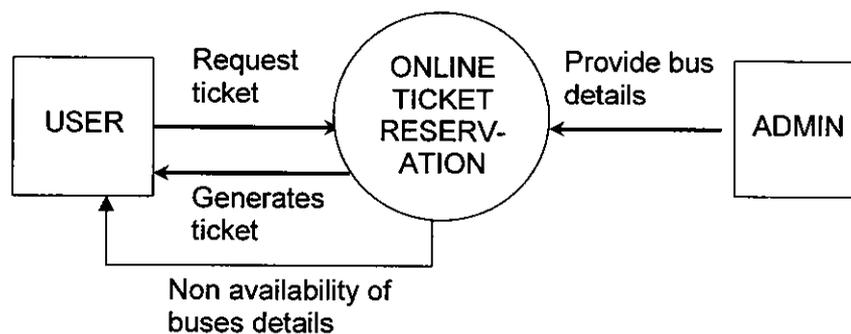


Figure 5.1

**5.1.2. DFD LEVEL 1.1 : USER MODULE**

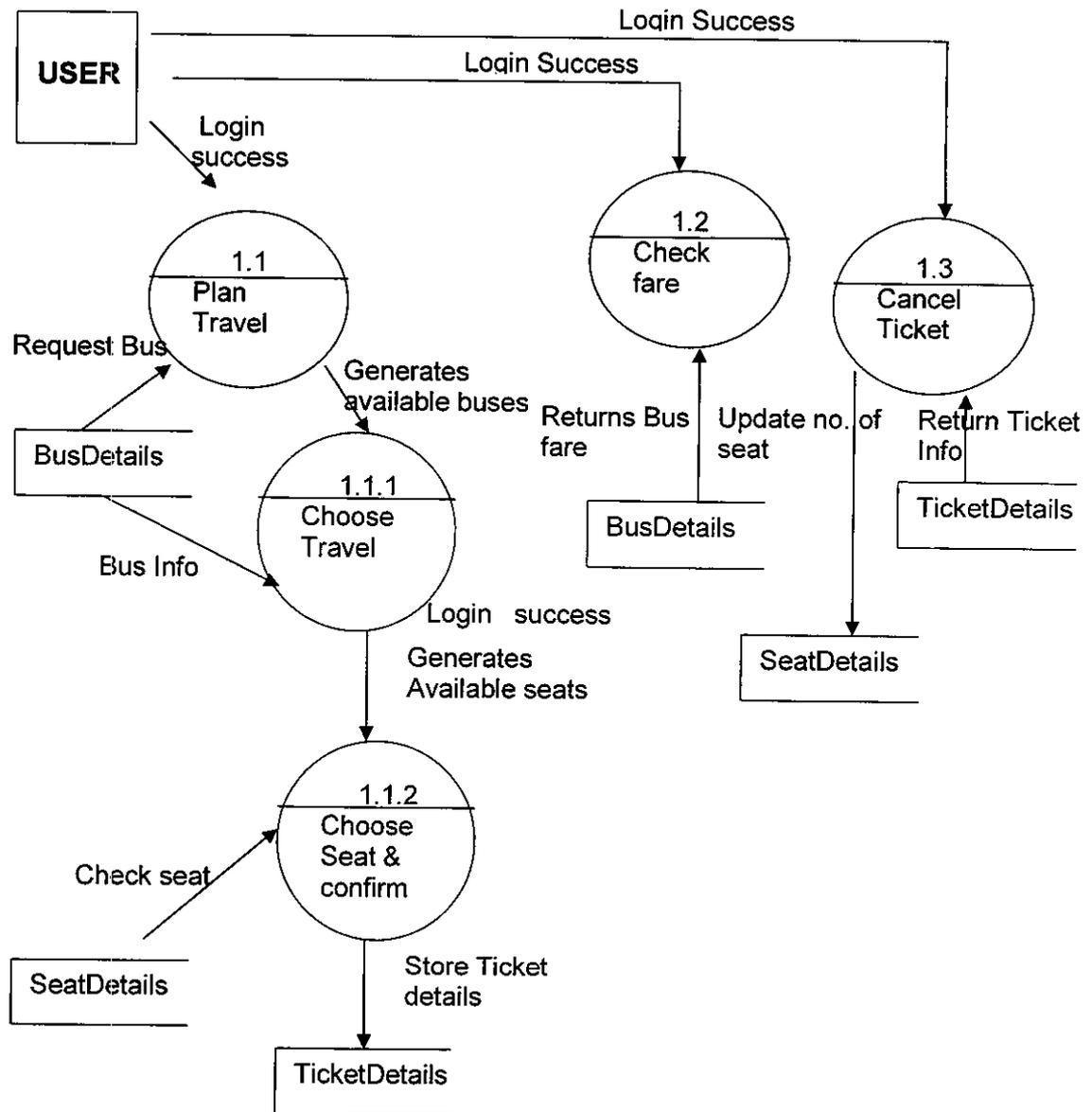


Figure 5.2 DFD Level 1 - User Module

### 5.1.3 DFD LEVEL 1.2: ADMIN MODULE

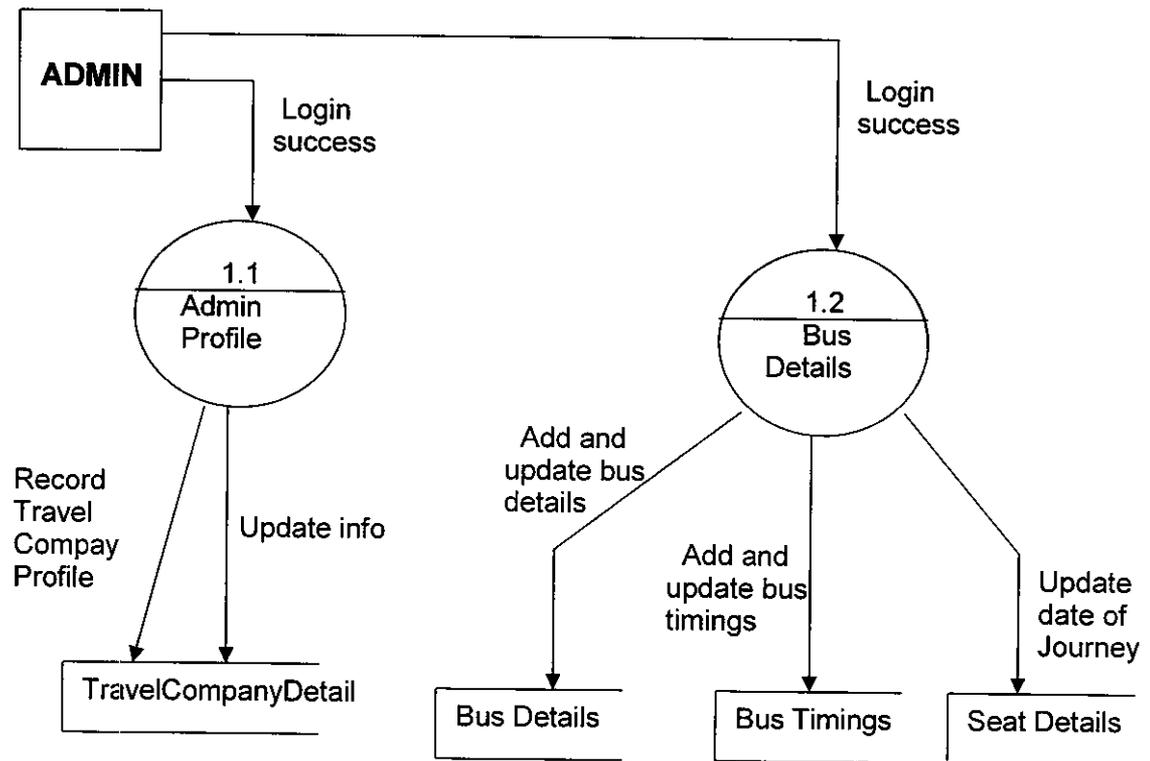


Figure 5.3 DFD Level 1 - Admin Module

## CHAPTER 6

### SYSTEM TESTING AND IMPLEMENTATION

System Testing and Implementation is the process done in the development stage of the software.

#### 6.1 TEST PLAN

Testing is the process of executing a program with the intent of finding any errors. Testing is vital to the success of the system. Without proper testing, hidden errors will surface after some time of use and perhaps irreversible damage has been done to valuable data. A successful test is one that uncovers as yet undiscovered errors.

S.NO	TEST CASE	EXPECTED RESULT	ACTUAL RESULT
1	User id : admin Password: 1234	Invalid Login	Invalid Login
2	User id : admin Password: abcd	Valid Login	Valid Login
3	If bus available on the selected data	Should list available buses of all travel companies	Lists all available buses of all travel companies
4	If bus not available on the selected data	Message box should display "No bus available on the selected data"	Message box displays "No bus available on the selected data"
5	If Number of passengers are less than or equal to available seats	Should open the web page to choose the desired seat number	Opens the web page to choose the desired seat number

Table 6.1 Test Cases

## **6.2 TYPES OF TESTING**

### **6.2.1 Unit Testing**

In unit testing, we have to test the program making up the system. Unit testing focuses first on the modules independently of one another, to locate errors. This enables within that module alone.

In this project, each page was tested separately as a unit. The flow of control and data through that page was tested. Each page is tested with the previously prepared test cases to find errors in the page. After rectifying the errors, once again it was tested to ensure whether there was no error.

### **6.2.2 Integration Testing**

Data can be lost across any interfaces. Once module can have an adverse effect on another, sub functions when combined, may not produce the desired major functions . Integrations testing for conducting tests to uncover errors associated within the interface. The objective is to take unit-tested module and build a program structure. All the modules are combined and tested as whole.

In Online Bus Ticket Booking System, top down integration testing was followed. In this system, for example, first the user should choose the source, destination and date to travel. If bus is available it is listed in the page. Based on the selection of travel by the user the seat numbers are displayed in the next screen. A change of data made in one screen should have reflected in all other screens. This process is continued from the page level to module level and finally the whole system is tested.

### **6.2.3 Verification and validation testing**

#### **Verification**

Verification testing checks whether the product development is moving towards the actual product needed by the customer requirements and specification. Validation is done in a step by step process. When the user confirms the ticket, check whether the e-ticket is obtained.

#### **Validation**

Validation testing is done to ensure whether the work steps and deliverables during the project are acceptable. It verifies whether right data is being accessed and performs the functions properly.

In the Online Bus Ticket Booking System, for example it verifies whether the lists of available buses are displayed for the chosen date correctly.

### **6.3 SYSTEM IMPLEMENTATION**

Implementation literally means to put into effect or to carry out. The system implementation phases of the software deals with the translation of the design specifications into the source code. Coding is done in this stage using an apt framework and programming language. Various types of bugs were discovered while debugging the modules. These were verified, tested and modified.

Once the working application was verified, tested and modified the system could be implemented in the user environment.

## **CHAPTER 7**

### **CONCLUSION AND FUTURE ENHANCEMENT**

#### **7.1 CONCLUSION**

This project entitled “Online Bus Ticket Booking for Multiple Travel Companies Using AJAX” to allow the user to book online bus tickets speedily. This system enables the user to book bus tickets for different travels through this single website. This web application is enabled with AJAX so that the user get the quick response from the server whenever the user try to choose the different source, destination and date to travel on. The user is allowed to choose the desired seat from the available seat which provides a great satisfaction to the user

This project is very useful for the travel companies because they are allowed to manage their database available at the web server directly through the web application itself.

#### **7.2 FUTURE WORK**

The system has been designed in such a way that it can be modified with very little effort when such a need arises in the future. In the future the user will be allowed to buy online tickets for tour packages where now the existing system just reserve tickets for the tour package.

Further this system can be designed with some enhancements such to display the seat arrangements pictorially as it is originally allocated in the bus and allow the user the select seat from it.

# APPENDIX

## USER LOGIN PAGE

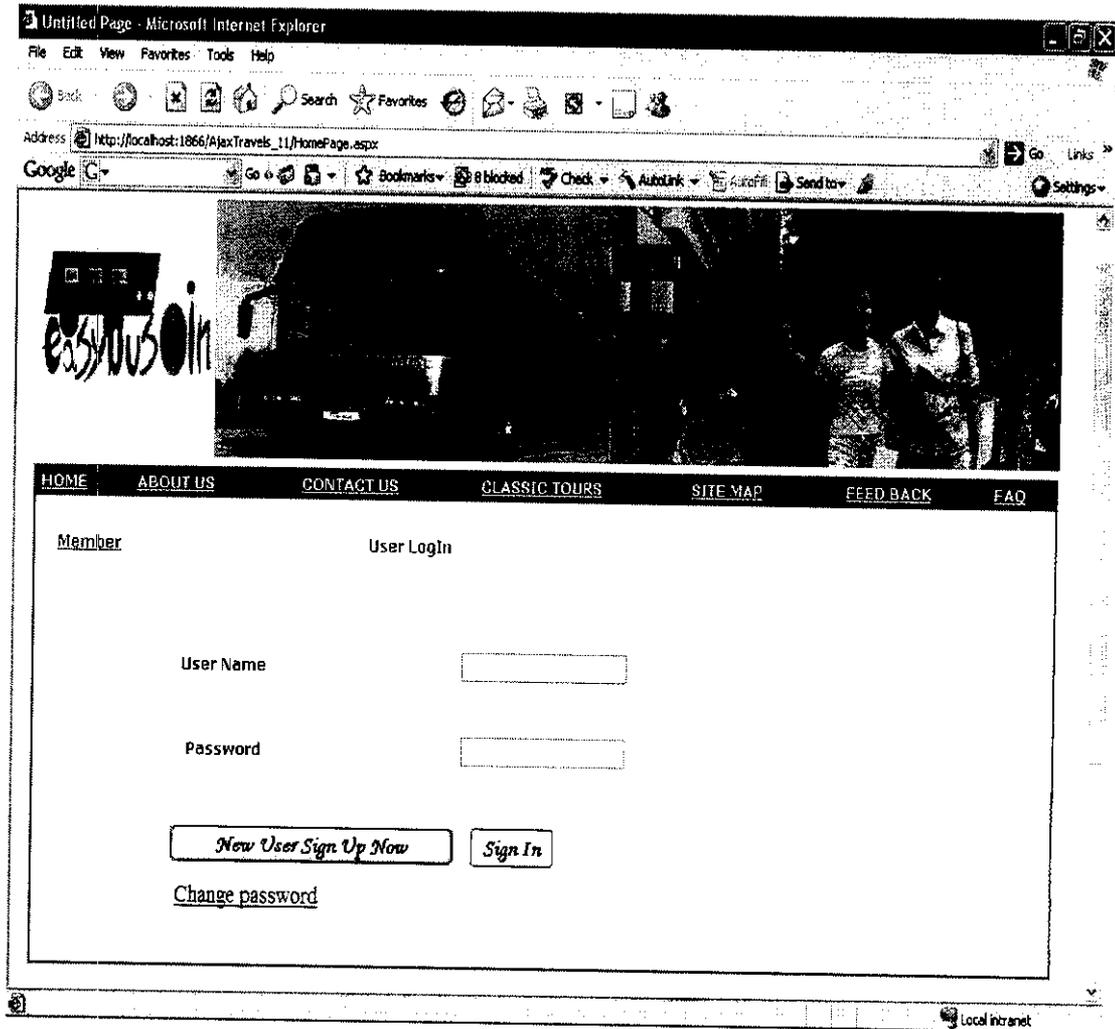


Figure A.1 User Login Page

## USER REGISTRATION FORM

Microsoft Internet Explorer  
 File Edit View Favorites Tools Help  
 Back Forward Stop Refresh Home Search Favorites  
 Address http://localhost:1866/AjaxTravels\_11/UserRegistration.aspx  
 Google Go Links  
 Home About Us Contact Us Classic Tours Site Map Feed Back FAQ

**USER REGISTRATION**

**PERSONAL INFORMATION**

Name: sridevi  
 Contact No: 9894050910  
 Address: 3, west teppakulam st  
 City: Trichy  
 State: TamilNadu  
 PinCode: 621010  
 Country: India

**LOG-IN INFORMATION**

User Name: sri  
 Password: ●●●  
 Confirm Password: ●●●

Terms and Conditions: easybus.in, Web Site Terms and Conditions, and Notices  
 AGREEMENT BETWEEN CUSTOMER AND easybus.in...

Agree  
 Disagree

**SUBMIT**

Done Local intranet

Figure A.2 User Registration Form

# USER WELCOME PAGE

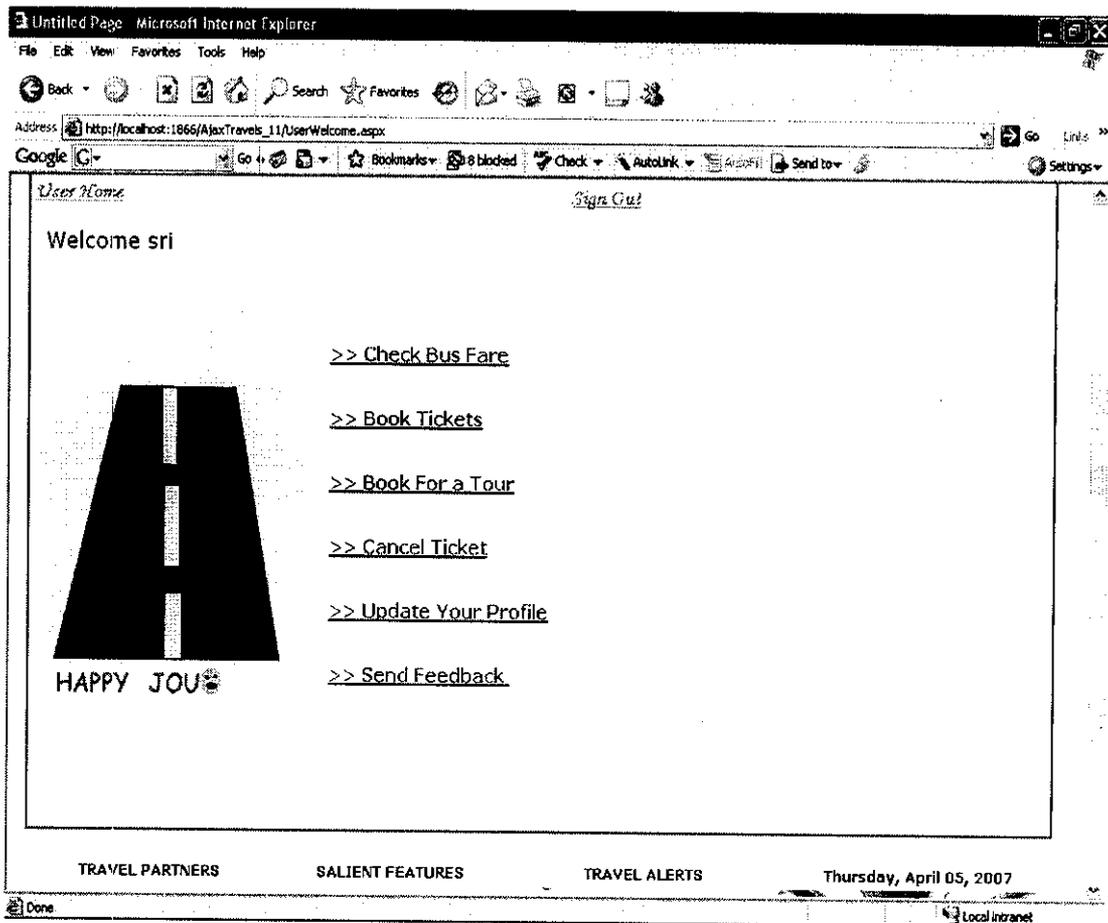


Figure A.3 User Welcome Page

# CHECK FARE FORM

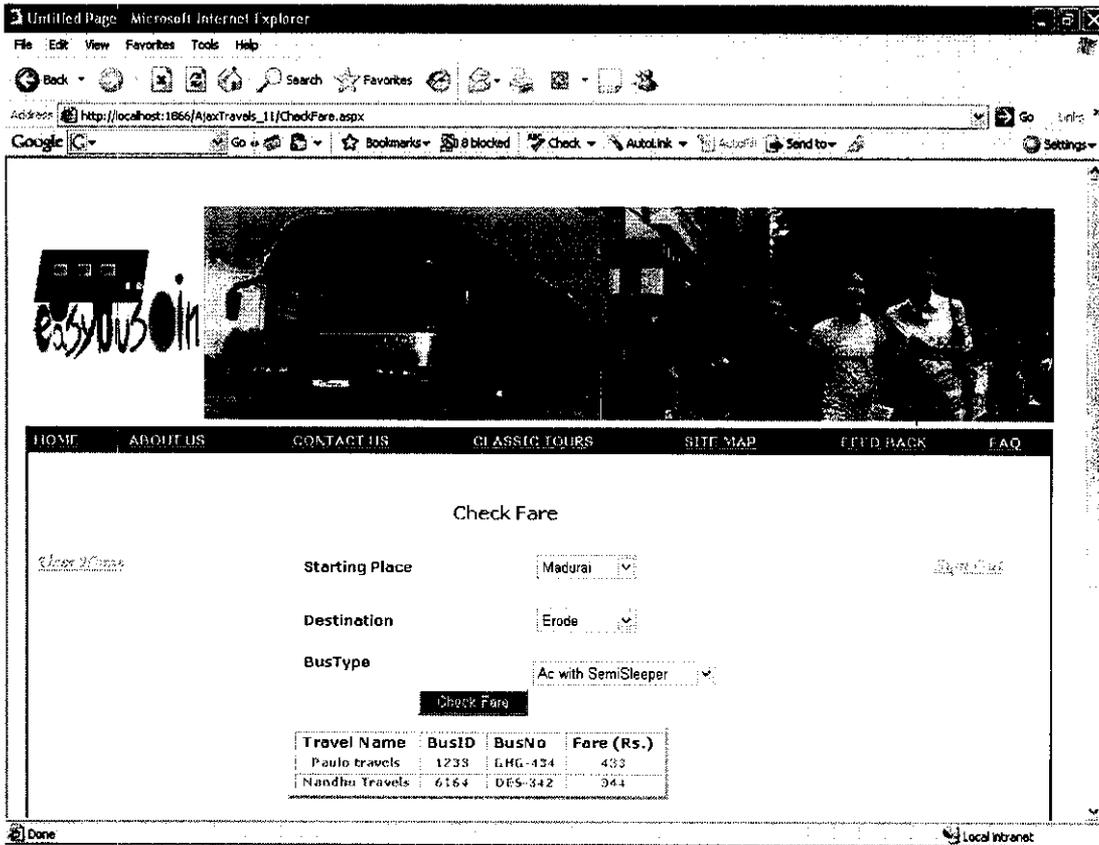


Figure A.4 Check Fare Form

## PLAN MY TRAVEL SCREEN - 1

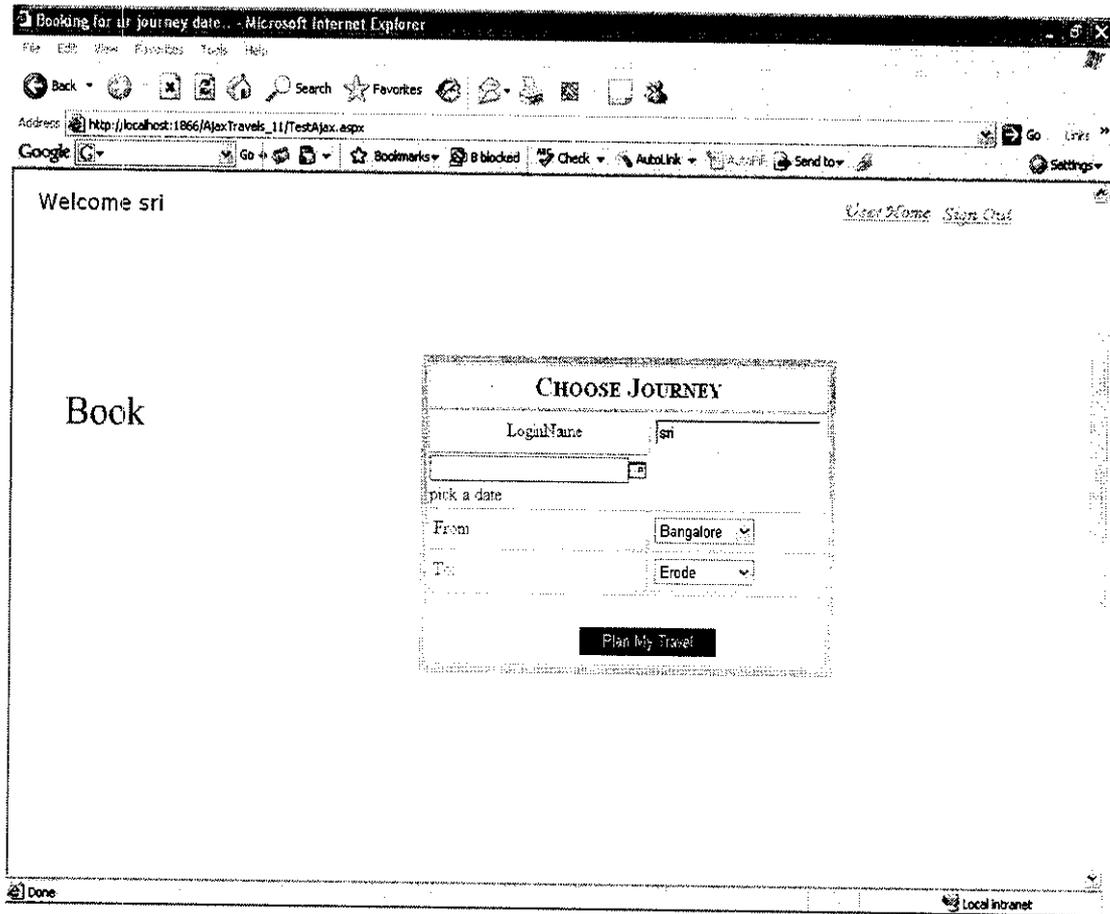


Figure A.5 Plan My Travel Screen - 1

## PLAN MY TRAVEL SCREEN - 2

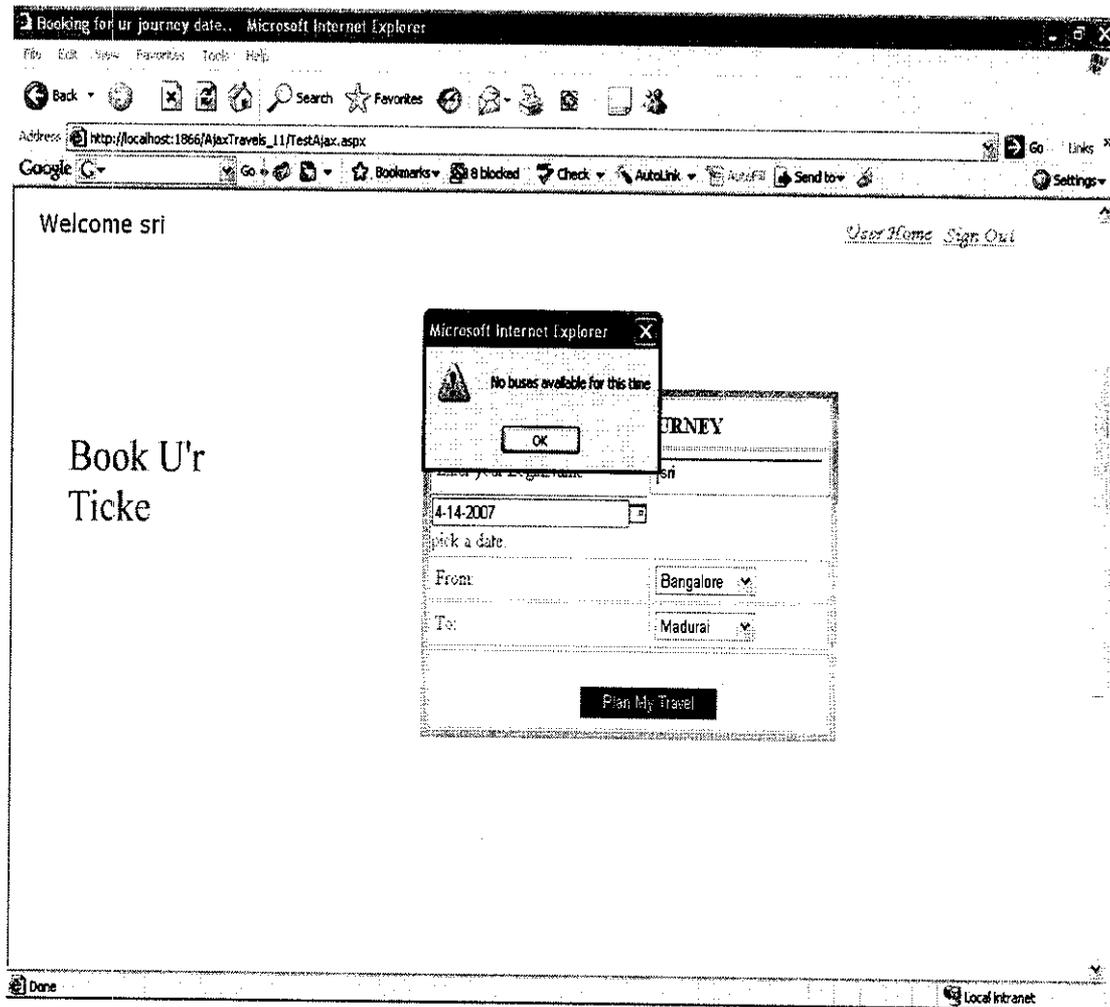


Figure A.6 Plan My Travel Screen - 2

## SELECT TRAVEL SCREEN

Welcome sri [User Home](#)

*Choose the Bus to Travel and no. of Passengers*

No. Of Passengers to Travel

	Travel name	Bus No	Starting Place	Destination	Departure time	Type	No. of Available seats	Fare(Rs)
Select	Paufo travels	GHG-434	Bangalore	Chennai	06:00:00 AM	Ac with semi sleeper	27	433
Select	Nandhu travels	DI S-312	Bangalore	Chennai	10:30:00 AM	Ac with semi sleeper	30	345
Select	Rajesh travels	FFF-548	Bangalore	Chennai	07:40:00 AM	Ac with semi sleeper	27	444

JavaScript: \_\_doPostBack('c100fContentPlaceHolder3GridView1', 'Select\$1')

Local intranet

Figure A.7 Select Travel Screen

## CHECK SEAT AVAILABILITY SCREEN - 1

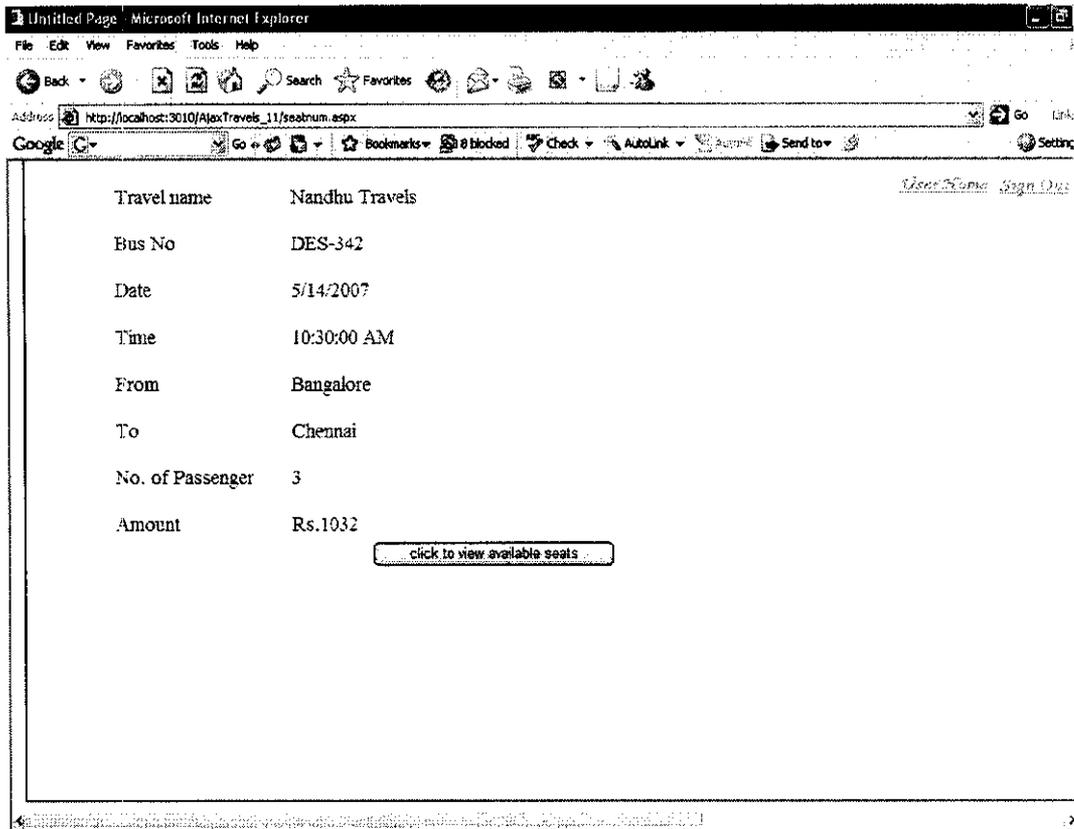


Figure A.8 Check seat Availability Screen – 1

### CHECK SEAT AVAILABILITY SCREEN - 2

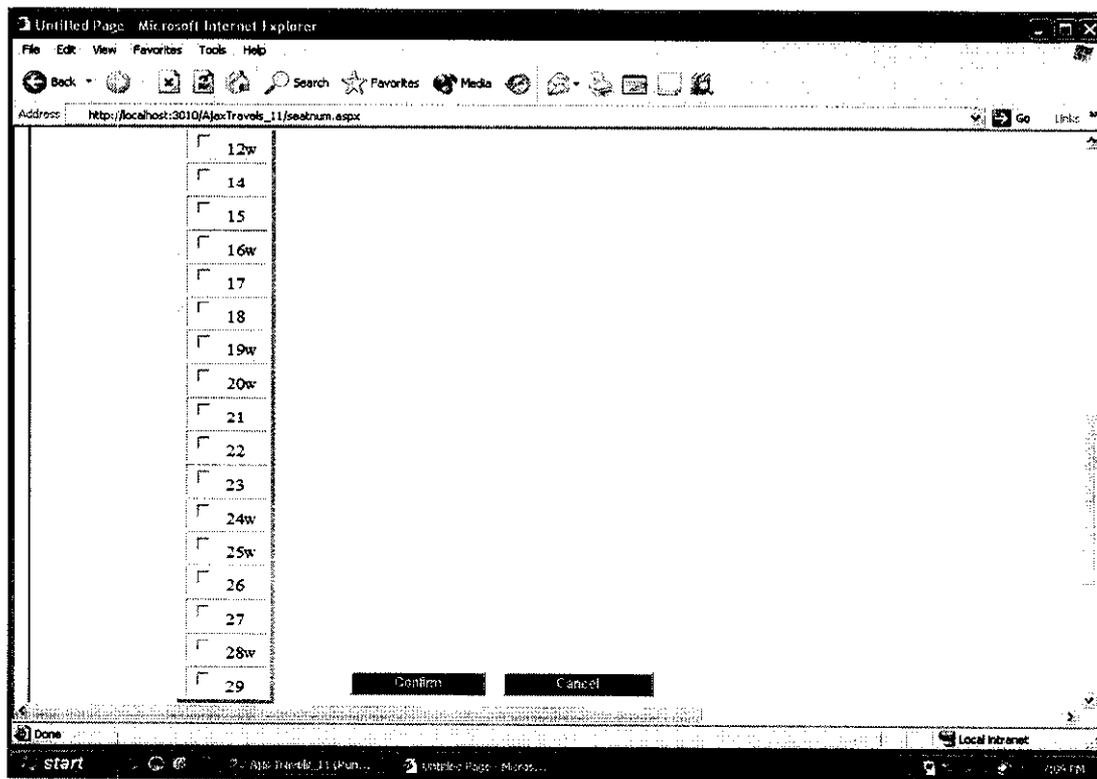


Figure A.9 Check Seat Availability Screen - 2

## E-TICKET FORM

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Print Mail Stop

Address: [http://localhost:1866/A/evTravels\\_11/Confirmation.aspx](http://localhost:1866/A/evTravels_11/Confirmation.aspx) Go Links

Google

HOME ABOUT US CONTACT US CLASSIC TOURS SITE MAP FEED BACK FAQ

**e- Ticket** [User Name](#) [Sign Out](#)

Passenger Name 381

Ticket No	3466
Travel name	Nandhu Travels
Bus No	DES-342
Date	5/14/2007
From	Bangalore
To	Chennai
Seat No.	5W.6,7

Done Local intranet

Figure A.10 E-Ticket Form

### E-TICKET MAIL

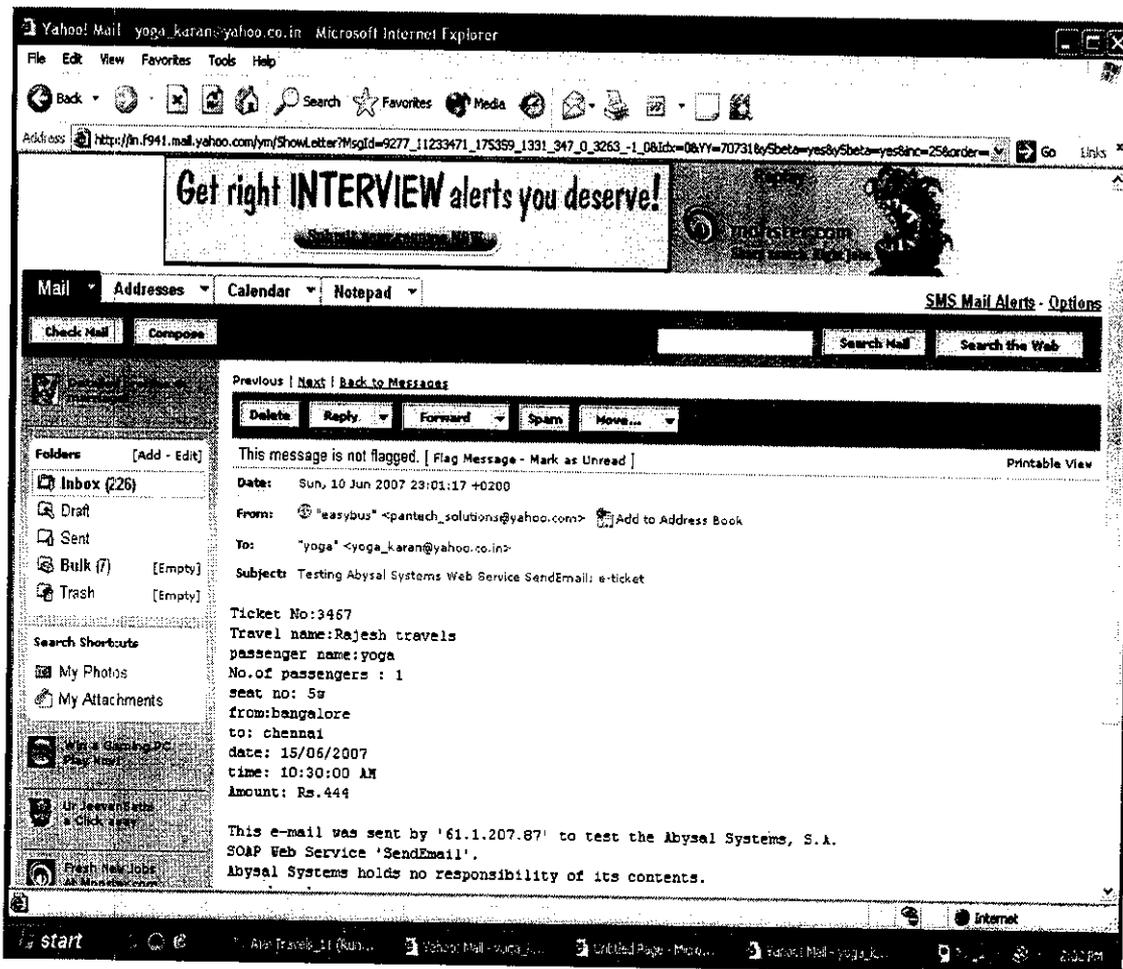


Figure A.11 E-Ticket Email

## CANCELLATION FORM

Microsoft Internet Explorer  
Address: http://localhost:1866/AjaxTravels\_11/Cancellation.aspx

Cancel Ticket

**Cancellation charges will be taken ...!**

LoginName:

Ticket No.:

Bus No.:

Date of journey:

No. Of Passengers:

Amount:

Seat No.:

No. of tickets to cancel:

TRAVEL PARTNERS    SALIENT FEATURES    TRAVEL ALERTS    Thursday, April 05, 2007

Figure A.12 Cancellation Form

## TOUR PACKAGE RESERVATION FORM

The image shows a screenshot of a Microsoft Internet Explorer browser window displaying a web form titled "General Reservation Form". The browser's address bar shows the URL "http://localhost:1866/AjaxTravels\_L1/TourBangalore.aspx". The form contains the following fields and values:

Field Label	Value
Your Name :	sri
CodeNo :	1801
Amount For Single Person :	15000
NoOfPassengers to Travel :	1 Total :
Your Email :	sri_saraha@yahoo.com
Tentative Date :	4/14/2007
Travel Company Name	Paulo Travels

The browser's status bar at the bottom indicates "Done" and "Local Intranet".

Figure A.13 Tour Package Reservation Form

# FEEDBACK FORM

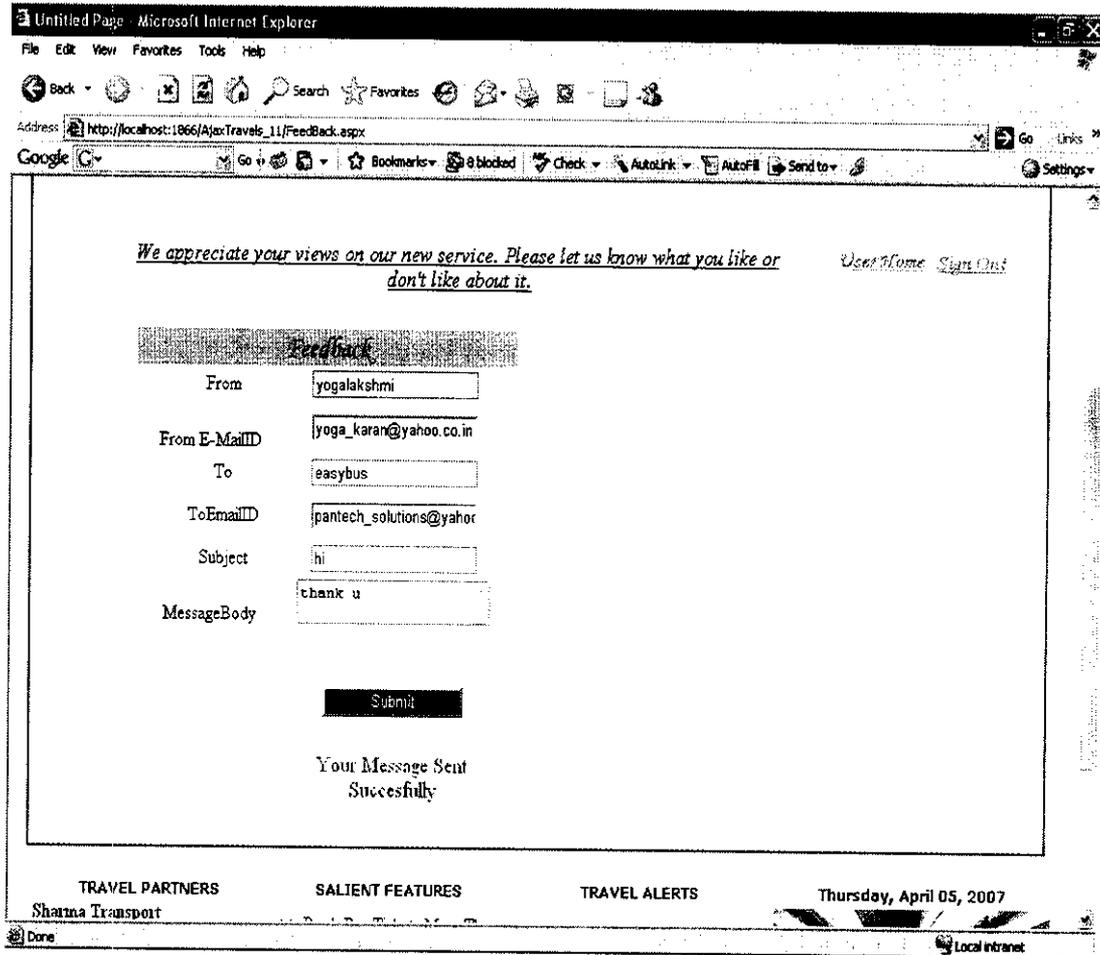


Figure A.14 Feedback Form

## FEEDBACK MAIL

The screenshot displays a web browser window with the Yahoo! Mail interface. At the top, there is a navigation bar with 'Mail', 'Addresses', 'Calendar', and 'Notepad' menus. Below this is a search bar and a 'Check Mail' button. The left sidebar shows a folder list including 'Inbox (56)', 'Draft', 'Sent', 'Bulk (14)', 'Trash', and 'My Folders' with sub-folders like 'Chennai', 'Combiatore (22)', 'DSP', 'EEE', 'HYDERABAD', and 'Madurai (1)'. The main content area shows an email with the following details:

- Date:** Thu, 05 Apr 2007 14:55:07 +0200
- From:** "yogalakshmi" <yoga\_karan@yahoo.co.in>
- To:** "easybus" <pantech\_solutions@yahoo.co.in>
- Subject:** Testing Abysal Systems Web Service SendEmail: hi

The email body contains the text: "thank u" followed by a disclaimer: "This e-mail was sent by '122.164.35.90' to test the Abysal Systems, S.A. SOAP Web Service 'SendEmail'. Abysal Systems holds no responsibility of its contents. www.abysal.com".

At the bottom of the browser window, the taskbar shows the Start button, Internet Explorer, and Microsoft Word, with the system clock indicating 8:30 PM.

Figure A.15 Feedback Mail

# ADMIN HOME PAGE

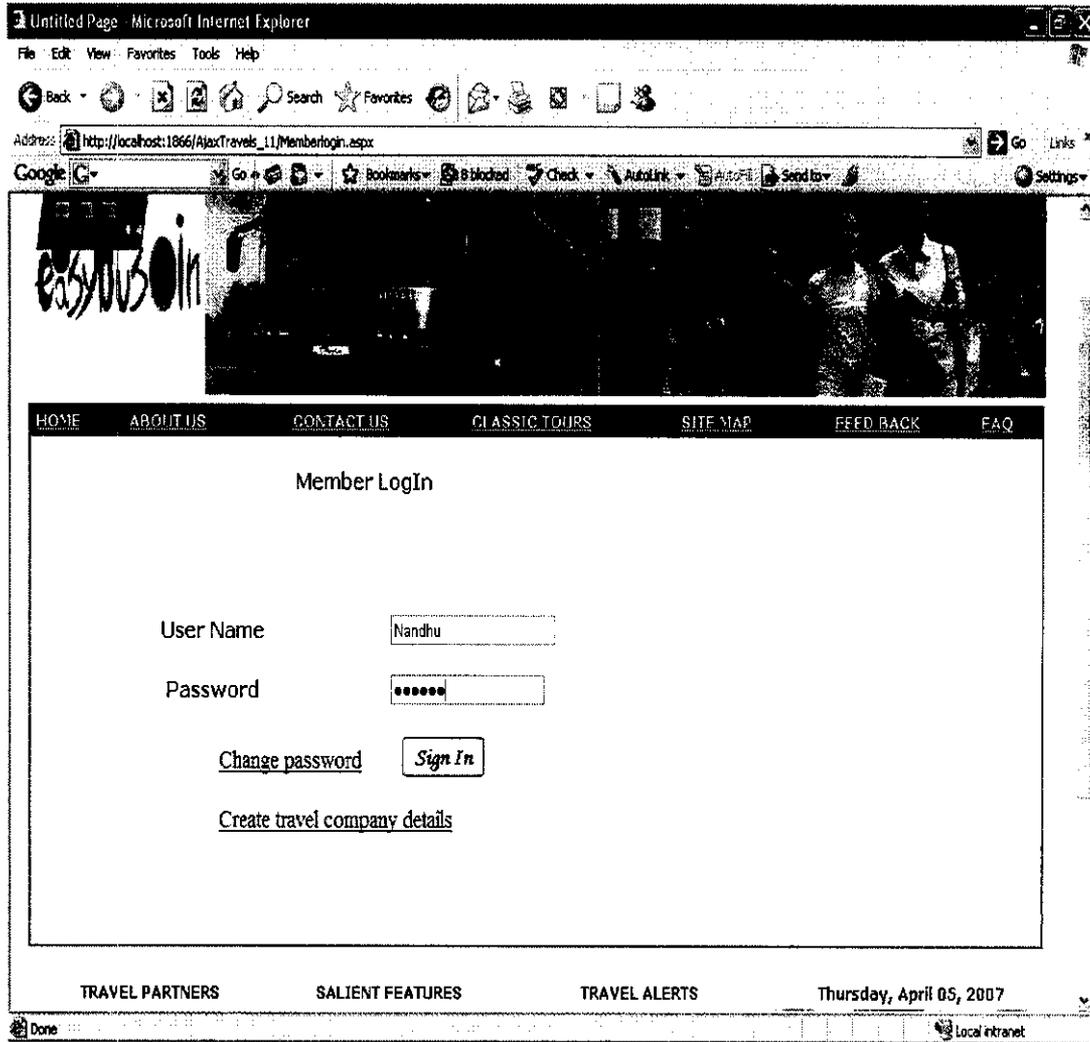


Figure A.16 Admin Home Page

## ADMIN SUB-MODULES PAGE

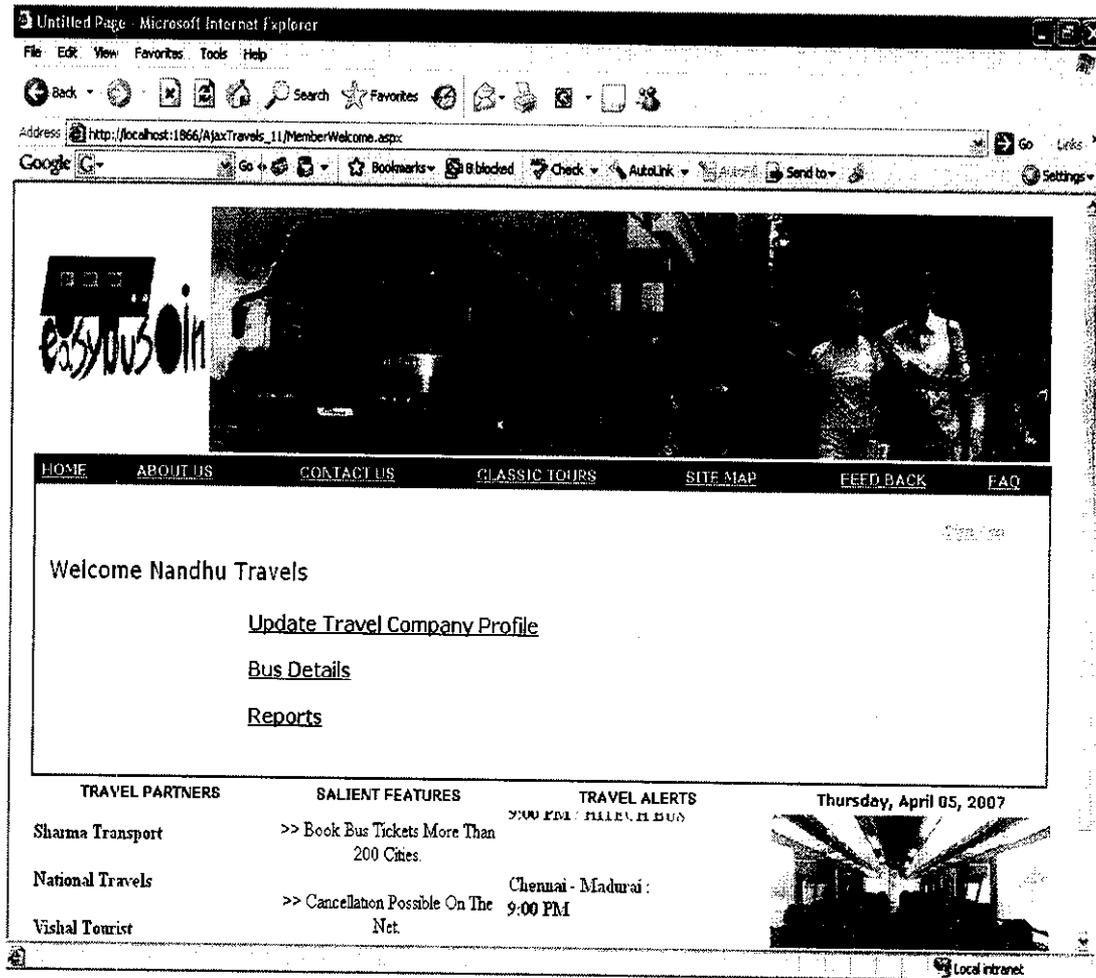


Figure A.17 Admin Sub-Modules Page

## ADMIN UPDATE PROFILE FORM

Microsoft Internet Explorer  
Address: http://localhost:1866/AjaxTravels\_11/MemberChangingTravels.aspx

Member Name Sign Out

Welcome **Nandhu** Update Your Travel Details

TravelID

[Click to fill up previous Travel Details](#)

Name	<input type="text" value="Nandhu Travels"/>
Number Of Buses	<input type="text" value="11"/>
Landline No.	<input type="text" value="5645546"/>
Mobile No.	<input type="text" value="9676666767"/>
E-mail	<input type="text" value="nandhu_tra@yahoo.com"/>
Address	<input type="text" value="Thilai street"/>
City	<input type="text" value="Chennai"/>
State	<input type="text" value="TamilNadu"/>
Pincode	<input type="text" value="600024"/>
country	<input type="text" value="India"/>

Local Intranet

Figure A.18 Admin Update Profile Form

## ADD, UPDATE AND DELETE BUS DETAILS FORM

Microsoft Internet Explorer  
 File Edit View Favorites Tools Help  
 Address http://localhost:1866/AjaxTravels\_11/MemberUpdates.aspx  
 Google  
 HOME ABOUT US CONTACT US CLASSIC TOURS SITE MAP FEED BACK FAQ  
 Member Sign Out

Welcome Nandhu Travels

Travel ID   
 Bus Number   
 Total Seats   
 Fare   
 Bus Type  
 Type

TRAVEL PARTNERS  
 SALIENT FEATURES  
 >> Book Bus Tickets More Than 200 Cities.  
 >> Cancellation Possible On The Net.  
 TRAVEL ALERTS  
 10:15 PM : 2+1 Non A/C Air Bus  
 Bangalore - Salem :  
 9:30 PM : 2+1 Non A/C Air Bus  
 Thursday, April 05, 2007  
  
 Done Local Intranet

Figure A.19 Add, Update and Delete Bus Details Form

## ADD BUS TIMINGS

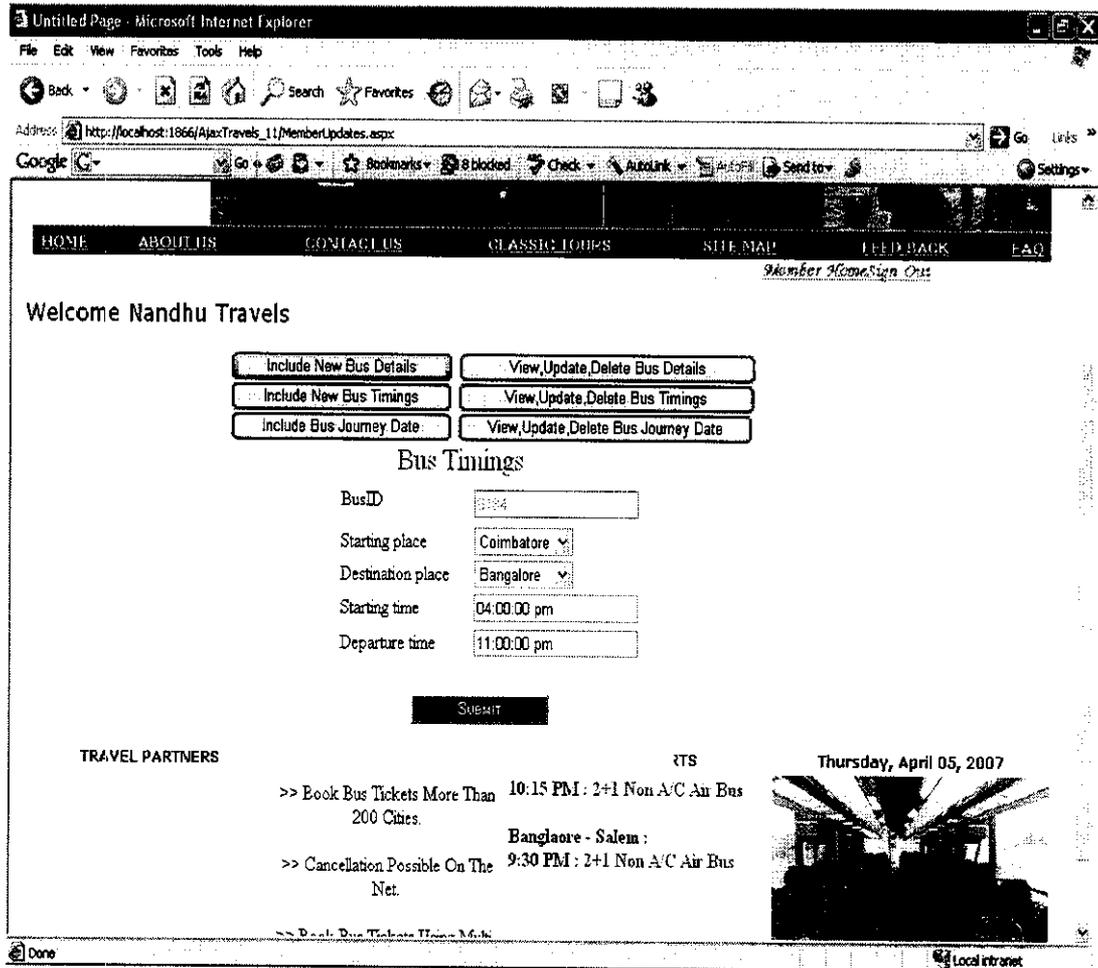


Figure A.20 Add Bus Timings

## UPDATE BUS DETAILS

Microsoft Internet Explorer window showing the URL: [http://localhost:1866/AjaxTravels\\_11/MemberUpdates.aspx](http://localhost:1866/AjaxTravels_11/MemberUpdates.aspx)

Navigation menu: HOME, ABOUT US, CONTACT US, CLASSIC TOURS, SITE MAP, FEED BACK, FAQ

Welcome Nandhu Travels

Member Home Sign Out

Buttons for bus management:

- Include New Bus Details
- View, Update, Delete Bus Details
- Include New Bus Timings
- View, Update, Delete Bus Timings
- Include Bus Journey Date
- View, Update, Delete Bus Journey Date

	<u>BusID</u>	<u>TravelID</u>	<u>BusNo</u>	<u>BusType</u>	<u>Seats</u>	<u>Fare</u>
<a href="#">Edit</a> <a href="#">Delete</a>	6164	7	DES-342	Ac with Semi Sleeper	33	344
<a href="#">Edit</a> <a href="#">Delete</a>	6184	7	abc-1234	Ac with Semi Sleeper	36	340

TRAVEL PARTNERS      SALIENT FEATURES      TRAVEL ALERTS

>> Book Bus Tickets More Than 200 Cities.

>> Cancellation Possible On The Net.

10:15 PM : 2+1 Non A/C Air Bus  
Bangalore - Salem :  
9:30 PM : 2+1 Non A/C Air Bus

Thursday, April 05, 2007

Local intranet

Figure A.21 Update Bus Details

## DELETE BUS DETAILS

Microsoft Internet Explorer  
 Address: http://localhost:1866/AjaxTravels\_11/MemberUpdates.aspx

HOME ABOUT US CONTACT US CLASSIC TOURS SITE MAP FEED BACK  
 Member Home Sign Out

Welcome Nandhu Travels

Busid	StartingPlace	Destination	StartingTime	DepartureTime	TravellingHours
<a href="#">Edit</a> <a href="#">Delete</a> 6164	Bangalore	Chennai	21.00	05.00	8

**TRAVEL PARTNERS**  
**SALIENT FEATURES**  
 >> Book Bus Tickets More Than 200 Cities.  
 >> Cancellation Possible On The Net.  
 >> Book Bus Tickets Home Mail.

**TRAVEL ALERTS**  
 10:15 PM : 2+1 Non A/C Air Bus  
 Bangalore - Salem :  
 9:30 PM : 2+1 Non A/C Air Bus

Thursday, April 05, 2007

Done Local intranet

Figure A.22 Delete Bus Details

# REPORTS

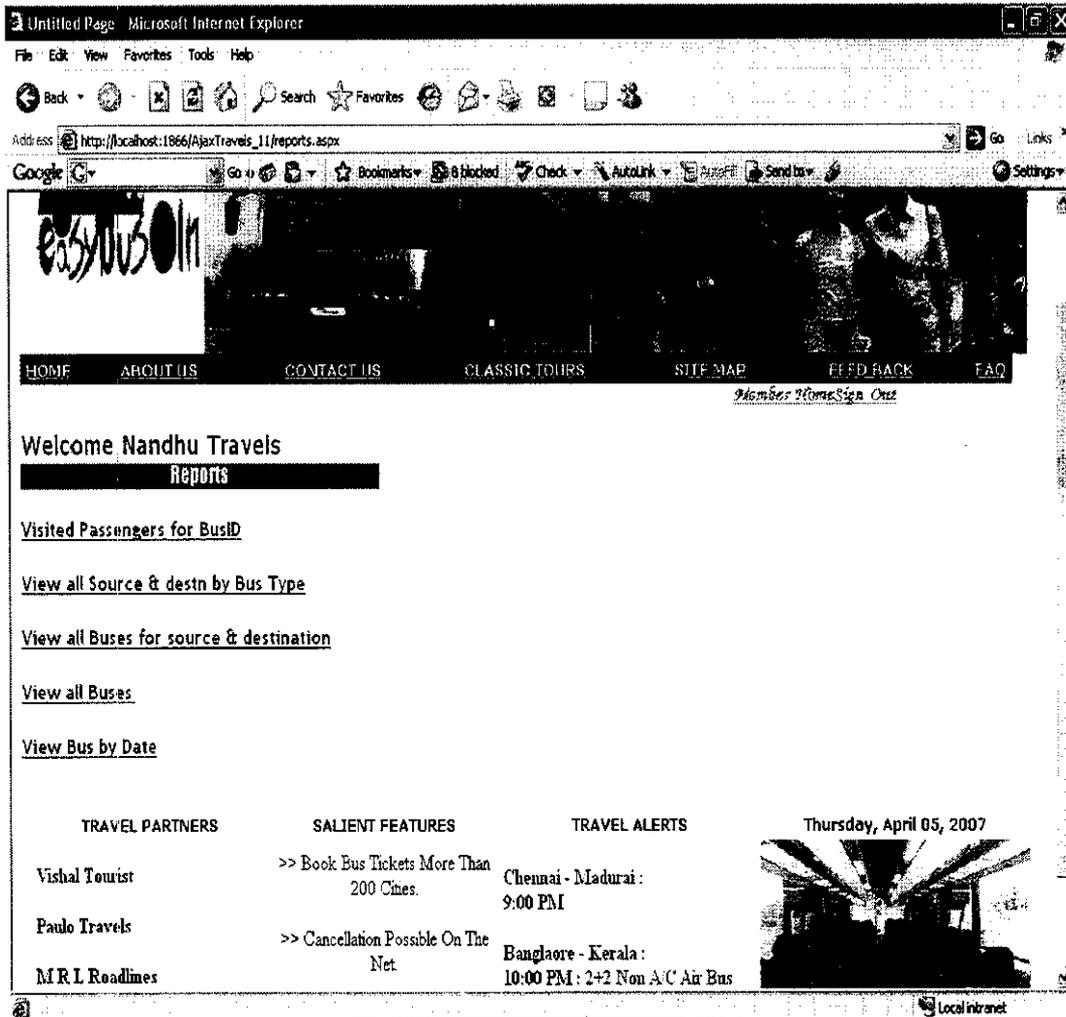


Figure A.23 Reports

## FREQUENTLY USED VISITORS

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://localhost:1866/AjaxTravels\_11/Reports/Rpt\_Freq\_Passgrs.aspx

Google

HOME ABOUT US CONTACT US CLASSIC TOURS SITE MAP FEED BACK FAQ

**Frequently visited users of a particular bus**

Bus ID

StartingPlace	Destination	Name
Erode	Chennai	Raja

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Local intranet

Figure A.24 Frequently Visited Users

## REFERENCES

### BOOKS

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2. Software Engineering, A Practitioners Approach, 6<sup>th</sup> Edition, Roger S. Pressman.
3. ASP.NET in a Nutshell, 2<sup>nd</sup> Edition, G. Andrew Duthie, Matthew MacDonald.

### WEBSITES

1. <http://www.msdn.microsoft.com>
2. <http://www.webopedia.com>
3. <http://www.dotnetspider.com>
4. <http://www.w3Schools.com>