

PROJECT REPORT

ON

RAILWAY RESERVATION

SYSTEM

(IRCTC)

**IN PARTIAL FULFILLMENT OF REQUIREMENTS FOR THE
AWARD OF THE DEGREE OF
BACHELOR OF COMPUTER APPLICATION.**



SESSION: 2015-2018

PROJECT GUIDE:

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* PREFACE *

- When a software succeeds-when it meets the need of people who use when it performs flawlessly over a long period of time, when it is easy to modify and easier to use – it can does change things foe the better. But when software fails – when its user are dissatisfied, when error prone, when it is difficult to change and even harder to use – bad things can and do happen. We all want to build software that make things better, avoiding the bad things that lurk in the shadow of failed efforts. To success, we need discipline when software is designed and build. We need an engineering approach. Computer make it easy to do lot of things, but most of thing that they make it easier to do don't need to be done.
- This project is a group effort that capitalizes on the easy computerization of the working of **INDIAN RAILWAY RESERVATION** for the new passenger.
- This project has been developed after keeping in mind the software engineering approach i.e. it is the practice of sound engineering principles in order to obtain economical software that can be produced at reasonable cost, reliable software that is failure proof and functional that can work on real system or complaint to the requirements.
- This project basically focuses on the addition of the details of the new passenger, generate the E-Tickets and many more.

*** CANDIDATE DECLARATION ***

This declaration has been undertaken as a partially fulfill of the requirement for the degree of Bachelor of computer Application of Kumaun University, Nainital.

This project has not been copied or translated from any other source. It presents a unique interface to work with. This project has not been present in any seminar or submitted else where for the award of any Degree or Diploma.

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*** ACKNOWLEDGEMENT ***

I approach this important matter of acknowledgement through there line trying my best to give full credit where it is due. With deep gratitude I think **Dr. Kewal Kumar** (Director) who has been a constant source of inspiration to me.

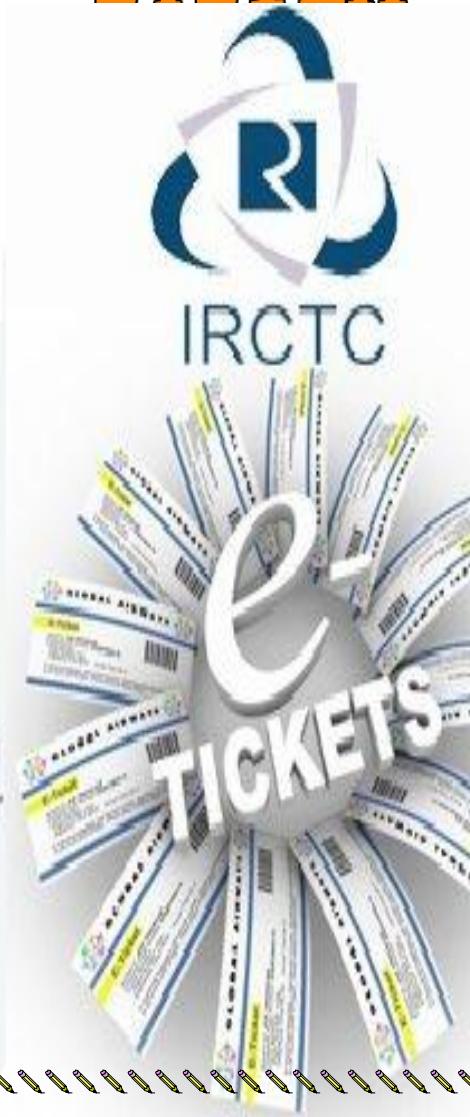
I also like to think **Mr. Munish Kumar Sharma** (Principal) Who gave me voluble insights & guidance all through the course. We present our Sincere Thanks to our faculty & project incharge **Mr. Ritesh Kandari** (Lecturer B.C.A. department) without whose inspiration & Motivation this project would not have been a possibility. I also like to extent my sincere gratitude to my “family”.



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*** TITLE OF THE PROJECT ***

INDIAN
RAILWAY
RESERVATION
SYSTEM



INTRODUCTION

INTRODUCTION

Proposed **Railway Reservation System** is developed for to automate the railway reservation system. It includes modules required to successfully operate railway reversion process smoothly. It has train master to add modify train information, Train schedule to enter train journey details include all the station name, arrival time and departure time. It includes automatic fare calculation as per the distance between two stations. Reservation module consist of automatic seat no and coach no allocation system. Daily schedule for updating of not confirm seat and coach no. All master like train master, train schedule, reservation fees, cancellation fees charges can be modified individually from frontend and changes reflect in all modules immediately. Therefore proposed

Railway Reservation System

has been designed to automate the process of railway for ticket reservation and back office activities. System can make the daily activities efficient and providing the fast response.

The Indian Railways (IR) carries about 5.5 lacks passengers in reserved accommodations every day. The Computerized Passenger Reservation System(PRS) facilities the booking and cancellation of tickets from any of the 4000 terminals(i.e. PRS booking window all over the countries). These tickets can be booked or cancelled for journeys commencing in any part of India and ending in any other part, with travel time as long as 72hours and distance up to several thousand kilometers. The project of PRS was launched on 15th November 1985, over Northern Railway with the installation of Integrated Multiple Train Passenger Reservation System(IMPRESS), an online transaction processing system developed by Indian Railways in association with Computer Maintenance Corporation Ltd., at New Delhi. The objective was to provide reserved accommodations on any train from any counter, preparation of train charts and accounting of the money collected. The application was implemented in 1987 Mumbai,Chennai,Kolkata,Secunderabad subsequently.

*** EXISTING SYSTEM ***

The present system is manual & complex. It is very time consuming lengthy & includes a lot of manual work. A record of all the passenger has to be maintained manually (like name, age, passenger detail, agent record, etc). Updating the record of passenger is a Herculean task.

Problems in the Existing System

As everyone know that there is a big difference between Manual and a Computerized System. A Computer System is used for better performance in comparison to the Manual System or the Manual System is upgraded to Computer System due to various problems (like modification in the registers, wastage of time and space, wastage of stationary, etc.). Some problems present in the Existing Salary System are given below:

- It was very complex and time consuming.
- A lot of manual work has to be done.
- Separate registers and a record has to be maintained.
- Lot of calculations has to be done before generating the premium rate.
- It was very expensive and requires a lot of space to retain the records.
- It was very difficult for a newer agent to understand and to work immediately in the existing system.
- Complex for checking and record maintenance purposes.

*** PROPOSED SYSTEM ***

The proposed system works according the requirement of the existing system. We can say that the proposed system fulfilled at the requirement of the existing system.

I have tried to fulfill all the requirement of the existing system. I have tried to remove the entire unnecessary thing which was used by the existing system. I have designed this system at variance of existing system.

There is some points to clarify the meanings of proposed system:-

- This system saves the time.
- This is a user friendly system, anybody can understand.
- Faster accessibility is another task of this system.
- Exotic looking.

*** TOOLS & PLATFORM ***

This application is developed using the following tools:

- Window 10, as operating system.
- Visual Basic 6.0 as the front end application development tool.
- Ms Access as the back end tool to store data.
- Crystal report software (to generate crystal report)

1. WINDOWS 10

The Microsoft Windows 10 operating system is a 64-bit multi-tasking O.S. for modern microprocessors. Key goal for the system are portability, security, portable O.S. Interface (POSIX) or IEEE std. 1003.1 compliance, multiprocessor support, extensibility, international support, and compatibility with MS-Dos and MS-Windows applications. Two versions of 10 are **Windows 10** workstation and Windows 10 Server. They are same kernel and operating system code, but **Windows 10** Server is configured for Client-Server application and an act as application server on Netware and Microsoft LANs.

2. FRONTEND: VISUAL BASIC 6.0 PROFESSIONAL EDITION

In this software the **VISUAL BASIC 6.0 PROFESSIONAL** edition is used as frontend. The Professional edition provides computer professionals with a full-featured set of tools for developing solutions for others. Microsoft **VISUAL BASIC**, the fastest and easiest way to create applications for Microsoft Windows®.and provide a complete set of tools to simplify rapid application development.

THE GUI FEATURE

The "Visual" part refers to the method used to create the graphical user interface (GUI). Rather than writing numerous lines of code to describe the appearance and location of interface elements, visual basic provide pre-built objects to place on screen which create effective user interface.

3. BACKEND: MS ACCESS

MS access is used as backend tool to create and manage databases with visual basic as front-end applications. MS access is an example of DBMS (data base management system). A database is collection of related information stored so that it is available to many users for different purposes. The data control component of the visual basic is used for MS access connectivity.

Data access Objects (DAO)

Data access Objects (DAO) is designed to be an easy-to-use application-level interface to any OLE DB data provider, including relational and non-relational databases, DAO uses the Microsoft Jet database engine to provide a set of data access objects: database

objects, tabledef and querydef objects, recordset objects, and others. DAO works best with .MDB files like those created by Microsoft Access. Data Access Objects (DAO) provides data access to native Microsoft Jet engine databases (.mdb files) and any ODBC data source.

The general characteristics of DAO are:

- Ease of use.
- High performance.
- Programmatic control of cursors.
- Complex cursor types, including batch and server- and client-side cursors.
- Ability to return multiple result sets from a single query.
- Synchronous, asynchronous, or event-driven query execution.
- Reusable, property-changeable objects.
- Advanced recordset cache management.
- Flexibility — it works with existing database technologies and all OLE DB providers.

ANALYSIS

*** REQUIREMENT ANALYSIS ***

A complete understanding of the requirement is essential for the success of the software development efforts. The analysis task is a process of discovery, refinement, modeling and specification. The software scope, initially established by the system engineer and refine during software project planning, is refining in detail. Model of required data, information and control flow, and operational behavior are created.

Requirement Analysis

Requirement analysis enables the system engineer to specify software function and performance, indicate software's interface with other system elements, and establish constraints that software must meet. Requirement analysis allows the software engineer to refine the software allocation and build model of data, functional, behavioral domains that will be treated by software. Requirement analysis provides the software designer with models that can be translated into data, architectural, interface, and procedural design. Finally the requirements specification provides the developer and the customer with the means to access quality once software is build.

Requirement analysis may be divided into five areas of effort:

(1) The first is the Problem recognition (user requirements) such as the followings:

- What type of input/output user want?
- What type of report user want to generate?
- What type of interface user want?

This type of many questions arise at requirement phase.

(2) Problem Evaluation and Synthesis is the second area of effort for analysts.

(3) The third area of effort is Modeling. Data modeling answers a set of specific questions that are relevant to any data processing application. For example:

- What are the primary data objects to be processed?
- What is the composition of each data object?
- What attributes describe the object?
- What are the relationships between the objects and the processes that transform them?

(4) The fourth area of effort is the Specification

(5) The last area of effort is the Review.

System analysis is therefore, the process of gathering and interpreting facts, diagnosing problem and using the information to recommended improvement in the system. System analysis is conducted with the following objects in mind:

- Identify the organization need.
- Evaluate the system concept for feasibility.
- Perform economic and technical analysis.
- Allocate function to hardware, software, people, database and other system element.
- Establish cost and schedule constraint.
- Create a system definition that forms the foundation for all subsequent engineering work.

- System analysis refers to the process of examining a situation with the intent of improving it through better procedures and methods.

The main objective of the system is to provide comprehensive, online, reliable and fast information service to all the receipt activities in the organization. The other objectives include: -

- User friendliness and ease of work.
- Immediate response to all type of queries.
- Generation of reports.
- Flexibility to incorporate various levels of security measures.
- Expandability of the system when the plant under goes renovation in the production

System design is the process of planning a new system to either replace or complement the existing system. But before the planning is done, the old system must be thoroughly understood and the requirement must be determined.

*** FEASIBILITY STUDY ***

All projects are feasible – given unlimited resources and infinite time! Unfortunately, the development of a computer based system or product is more likely plagued by scarcity of resources and difficult delivery dates. It is both necessary and prudent to evaluate the feasibility of a project at the earliest possible time, month or

years of effort, thousands or millions of dollars, and untold professional embarrassment can be averted if an ill-conceived system is recognized early in the definition phase.

Feasibility and risk analysis are related to each other in many ways. If the project risk is great, the feasibility of producing quality software is reduced. However we concentrate our attention on four primary areas of interest:

ECONOMIC FEASIBILITY:

An evaluation of software development cost weighed against the ultimate income or benefit derived from the development system or product.

TECHNICAL FEASIBILITY:

A study of function, performance, and constraints that may affect the ability to achieve an acceptable system.

LEGAL FEASIBILITY:

A determination of any infringement, violation, or liability that could result from development of the system.

OPERATIONAL FEASIBILITY:

Will the system be used if it is developed and implemented? Will there be resistance from user that will undermine the possible application benefits?

ALTERNATIVES:

An evaluation of alternative approaches to the development of the system or product.

A feasibility study is not warranted for a system in which economic justification is obvious, technical risk is low, few legal problems are expected and no reasonable alternative exists. However, if any of the proceeding conditions fail, a study of that area should be conducted.

Economic justification is generally the “bottom-line” consideration for most systems. Economic justification includes a broad range of concern that include cost benefit analysis, long term corporate income strategies, impact on other profit concern or products, cost of resources needed for development, and potential market growth.

Technical feasibility is frequently most difficult area to access at this stage of the product engineering process. Because objective, function and performance are somewhat hazy, anything seems possible if “right” assumptions are made. It is essential that the process of analysis and definition be concrete in parallel with an assessment of technical feasibility. In this way concrete specification may be judged, as they are determined.

The considerations that are normally associated with technical feasibility include:

DEVELOPMENT RISK:

Can the system element be design so the necessary function and the performance are achieved within the constraints uncovered during analysis?

RESOURCE AVAILABILITY:

Are skilled stuff available to develop the system element in question? Are other necessary resource (hardware and software) are available to build the system?

TECHNOLOGY:

Has the relevant technology progressed to a state that will support the system?

Developers of computer-based systems are optimists by nature. However, during an evaluation of technical feasibility, a cynical, if not pessimistic, attitude should prevail. Misjudgment at this stage can be disastrous. Legal feasibility encompasses a broad range of concerns that include contracts, liability, infringement, and myriad other traps frequently unknown to technical stuff. The degree of which alternatives are considered is often limited by cost and time constraints.

REQUEST APPROVAL:

It is not necessary that all requested projects are desirable or feasible, because requested projects only initialize when they are feasible in each and every aspect. If the cost of project is more than the cost of benefit after project releases then the project request is dropped.

Under this feasibility study the candidate system "**LIFE INSURANCE CORPORATION OF INDIA**" is feasible in each and every aspect. In other words we can say that the candidate system is technically feasible, economically feasible, Operational feasible and legally feasible.

ABSTRACT

ABSTRACT

In this emerging world of computers all most all manual system automated and computerized but maximum of them are so complex and a common user is unable to operate that software system. We are developing the “Online Railway Reservation System” to model the present system and to remove the drawbacks. This project explores how computer technology can be used to solve the problem of user.

We specifically props way to computerize the administration and engineering offices of Indian Railway Online. A high speed communication network needs to be developed for interconnecting the offices of railways. This same communication network can be used to provide high speed internet connection to the public and leas out network capacity to internet service providers.

SYSTEM DESIGN

DATA FLOW DIAGRAM

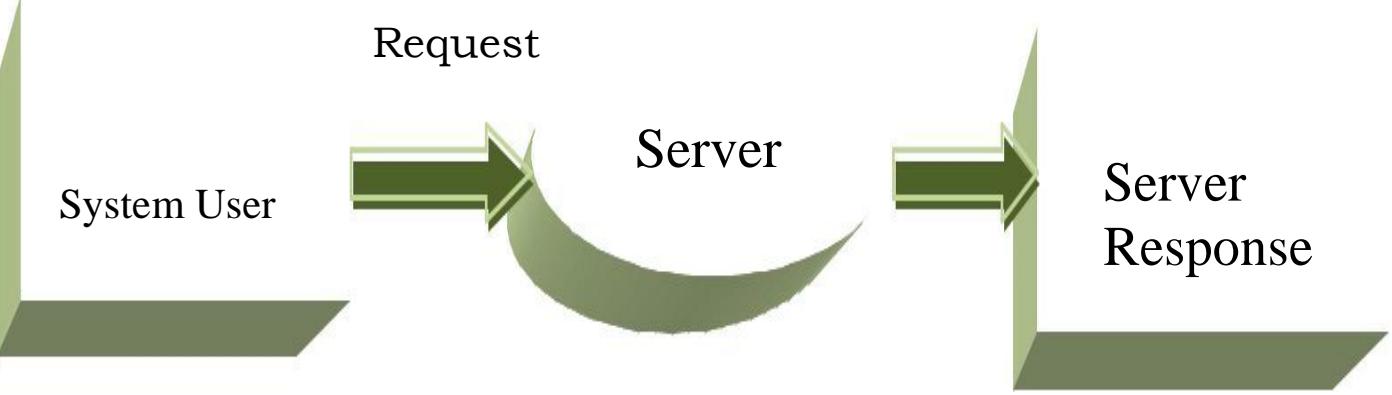
It displays the system requirements in a graphical form. It functionally decomposes the requirement specification down to the lowest level of detail.

DFD describes the flow of data within a given set of system. A DFD is generally made up of entities, processes, data stores and flow lines. Entities describe the source or the destination, processes describe the transformation of data, data store is used for storage purpose and flow lines depict the data in motion.

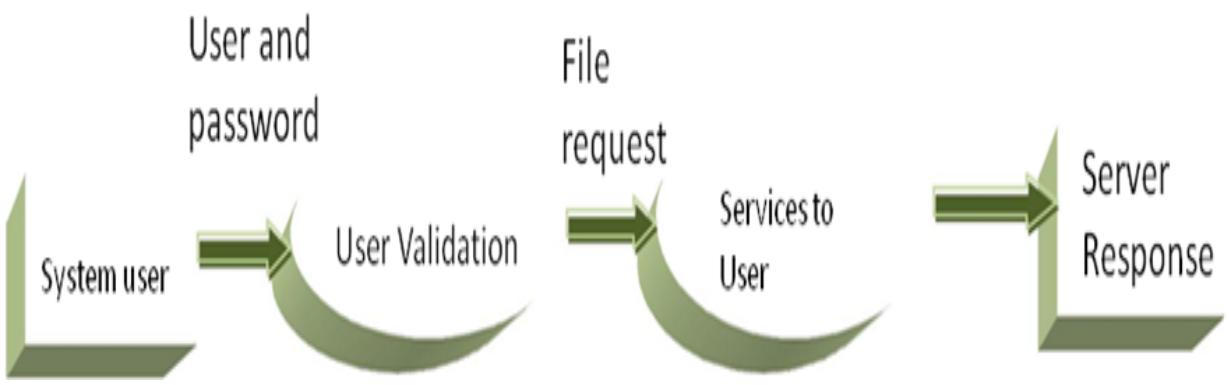
DFD serves the following purposes: -

- It provides an integration of how the data are transformed as we move through the system.
- It helps to depict the function and sub function that transforms the data flow.
- It provides additional information that is used during analysis of Information domain and serves as basis for modeling of functions.

Hence, the entire data flow; their transformation and storage can be properly analyzed in a DFD

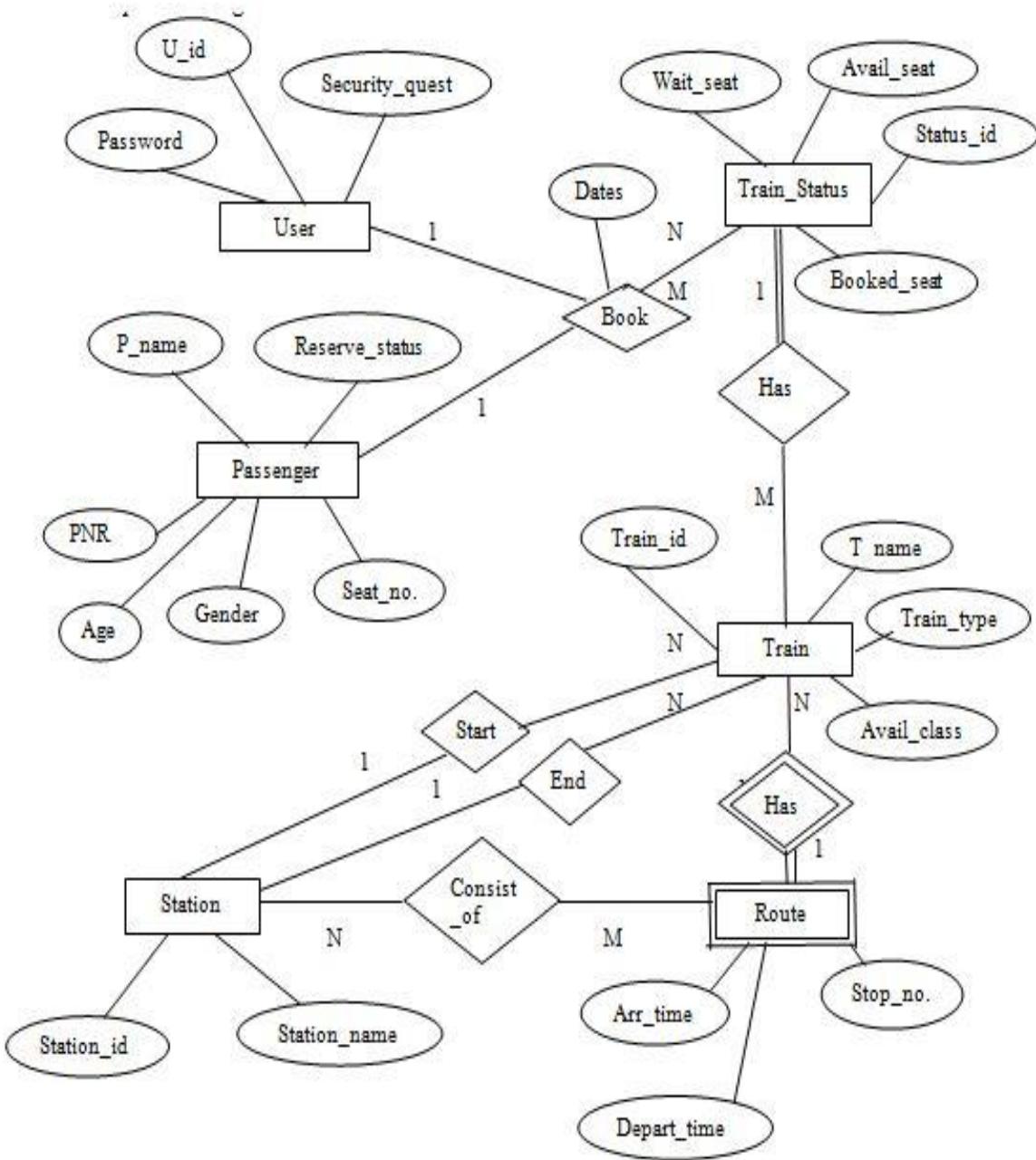


LEVEL 1 DFD OF ORRS



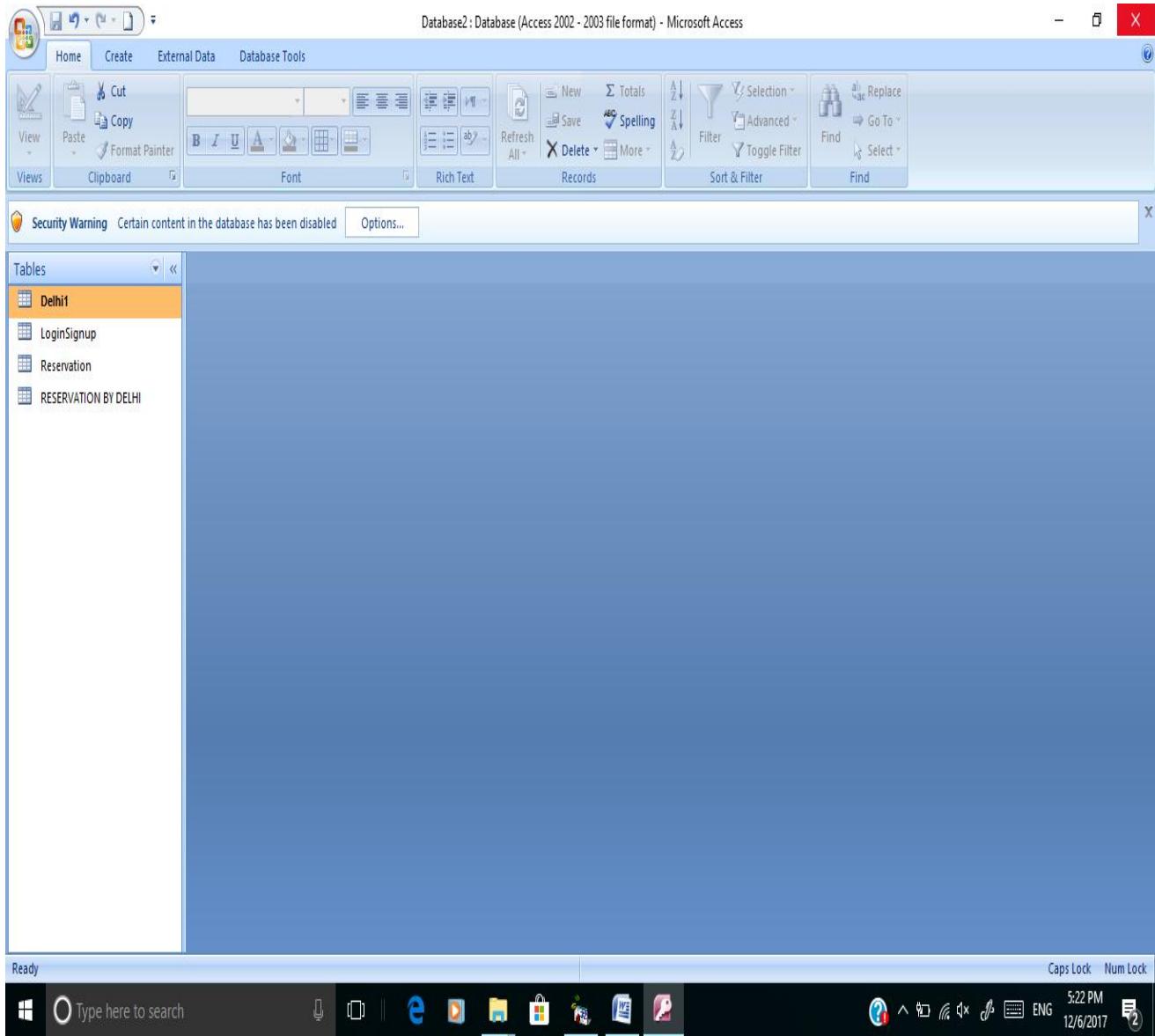
LEVEL 2 DFD OF ORRS

* E-R- DIAGRAM OF RAILWAY RESERVATION SYSTEM *



*

DATABASE DESIGN



LOGIN / SIGNUP TABLE DATABASE

The screenshot shows the Microsoft Access application interface. The title bar reads "Database2 : Database (Access 2002 - 2003 file format) - Microsoft Access". The ribbon is visible at the top, with the "Table Tools" tab selected. The "Home" tab is active. The main area displays a datasheet titled "LoginSignup" containing the following data:

Record:	1 of 1									
Address	Gender	Date of Birth	Martial Status	E-Mail	Mobile No	Pin Code	City/District	SQuestion	YAns	Occupation
*	PRAKHAR	Male	11/21/2014	Unmarried	PRAKHARA96@8533079043	RAMNAGAR	244715	What is your fa COMPUTER	COMPUTER	Student

The navigation pane on the left shows the table name "LoginSignup". The status bar at the bottom indicates "Datasheet View".

RESERVATION TABLE

Screenshot of Microsoft Access 2007 showing the Reservation table.

The window title is "Database2 : Database (Access 2002 - 2003 file format) - Microsoft Access".

The ribbon tabs are Home, Create, External Data, Database Tools, and Datasheet. The Datasheet tab is selected.

The toolbar includes: View, Paste, Cut, Copy, Format Painter, Refresh All, New, Totals, Selection, Advanced, Filter, Find, Replace, Go To, Select, and Find.

A security warning message is displayed: "Security Warning Certain content in the database has been disabled Options..."

The Navigation Pane shows two tables: LoginSignup and Reservation.

The Reservation table has the following columns:

PNR_NO	Train_No	Train_Name	From	To	Date_Travel	Class	Passenger_Na	Age	Sex	Senior_Citz	Seat_No
*	0	0						0			0

Record: 1 of 1

Datasheet View

Windows Taskbar icons: Start, Search, File Explorer, Edge, Movie & Music, Photos, OneDrive, Google Chrome, Paint, and others. System status: Caps Lock, Num Lock, 4:56 PM, ENG, 12/6/2017.

RESERVATION BY DELHI

Table Tools Database2 : Database (Access 2002 - 2003 file format) - Microsoft Access

Home Create External Data Database Tools Datasheet

Views Clipboard

Font Rich Text

Records Sort & Filter Find

Calibri 11

New Save Spelling Refresh All Totals Selection Advanced Filter Toggle Filter Find Replace Go To Select

Security Warning Certain content in the database has been disabled Options...

Navigation Pane

RESERVATION BY DELHI

TrainNo	Coach No	TrainName	Source	Destination	entertime	ArrivalTime	Departure	Arrival	Adult
2302	S1	New delhi Howrah Rajdhani Exp.	New Delhi	Howrah	5:00:00 PM	10:45:00 AM	Except F	Except Sa	560
2306	S2	New Delhi Howrah Rajdhani Exp.	New Delhi	Howrah	5:00:00 PM	1:30:00 PM	F	Sa	350
2310	S3	New Delhi Rajendra Nagar Rajdhani Exp.	New Delhi	Rajendranagar	5:15:00 PM	6:25:00 AM	Th,Su	F,M	200
2394	S4	New Delhi Patna Sampoorna Kranti Exp.	New Delhi	Patna	6:10:00 PM	8:45:00 AM	Daily	Daily	220
2330	S5	Delhi Sealdah West Bengal Sampark Kranti Exp.	Delhi	Sealdah	6:45:00 PM	5:45:00 PM	Tu,Sa	W,Su	400
2402	S6	New Delhi Islampur Magadh Exp.	New Delhi	Islampur	8:00:00 PM	2:25:00 PM	Daily	Daily	750
2418	S7	New Delhi Allahabad Prayagraj Exp.	New Delhi	Allahabad	9:30:00 PM	6:50:00 AM	Daily	Daily	1150
3414	S8	Bhawan Maldatown Farakka Exp.	Delhi	Malda Town	9:45:00 PM	7:35:00 AM	M,W,Sa/Tu,Th,F,Su	W,F,M,Th,Sa,Su,Tu	2750
3112	S5	Delhi Sealdah Lal Quila Exp.	Delhi	Sealdah	10:00:00 PM	7:15:00 AM	Daily	Daily	550
2452	S6	New Delhi Kanpur Shram Shakti Exp.	New Delhi	Kanpur	11:30:00 PM	6:20:00 AM	Daily	Daily	330
2138	S7	Firozpur Mumbai CST Punjab Mail	New Delhi	Mumbai CST	5:30:00 AM	7:35:00 AM	Daily	Daily	175
2002	S5	New Delhi Bhopal Shatabdi Exp.	New Delhi	Bhopal	6:00:00 AM	2:10:00 PM	Daily	Daily	200
2180	S6	Nizamuddin Gwalior Taj Exp.	Nizamuddin	Gwalior	7:15:00 AM	11:55:00 AM	Daily	Daily	375
2406	S7	Nizamuddin Bhusaval Gondwana Exp.	Nizamuddin	Bhusaval	2:30:00 PM	3:50:00 PM	F,Su	Sa,M	730
1104	S8	Nizamuddin Agra Cantt. Intercity Exp.	Nizamuddin	Agra Cantt.	6:10:00 PM	9:35:00 PM	Daily	Daily	1100
1058	S2	Amritsar Dadar Exp.	New Delhi	Dadar	8:45:00 PM	4:00:00 AM	Daily	Daily	2500
2156	S3	Nizamuddin Habibganj Bhopal Exp.	Nizamuddin	Habibganj	9:00:00 PM	7:05:00 AM	Daily	Daily	560
2904	S4	Amritsar Mumbai Golden Temple Mail	New Delhi	Mumbai CST	7:55:00 AM	6:05:00 AM	Daily	Daily	350
2060	S6	Nizamuddin Kota Jan Shatabdi Exp.	Nizamuddin	Kota	1:10:00 PM	7:40:00 PM	Except Su	Except Su	200
2918	S7	Nizamuddin Ahmedabad Gujrat Sampark Kranti Exp.	Nizamuddin	Ahmedabad	2:00:00 PM	6:55:00 AM	Tu,Th,Sa	W,F,Su	220
9024	S5	Firozpur Mumbai Janata Exp.	New Delhi	Mumbai CST	2:00:00 PM	8:40:00 PM	Daily	Daily	400
2952	S8	New Delhi Mumbai Rajdhani Exp.	New Delhi	Mumbai CST	4:00:00 PM	8:35:00 AM	Daily	Daily	750
2954	S1	Nizamuddin Mumbai August Kranti Exp.	Nizamuddin	Mumbai CST	4:55:00 PM	10:15:00 AM	Daily	Daily	1150
2926	S2	Amritsar/kalka Bandra Terminus Paschim Exp.	New Delhi	Bandra	5:00:00 PM	3:20:00 PM	Daily	Daily	2750
2472	S3	Jammu Tawi Mumbai Swaraj Exp.	New Delhi	Mumbai CST	9:55:00 PM	7:00:00 PM	Tu,W,F,Sa	W,Th,Sa,Su	550
2416	S4	Nizamuddin Mumbai Jhansi Exp.	New Delhi	Jhansi	10:15:00 PM	11:50:00 AM	Daily	Daily	200

Record: 1 of 246 | No Filter | Search |

Caps Lock Num Lock

Type here to search

Windows Start Task View Home Back Forward Stop Refresh

File Edit View Insert Tools Database Tools Forms Reports Macros Tools Help

5:08 PM 12/6/2017 ENG

Database2 : Database (Access 2002 - 2003 file format) - Microsoft Access

Home Create External Data Database Tools Datasheet

Views Clipboard

Font Rich Text Records Sort & Filter Find

Calibri 11

Font

Rich Text

Records

Sort & Filter

Find

Security Warning Certain content in the database has been disabled Options...

RESERVATION BY DELHI

TrainNo	Coach No	TrainName	Source	Destination	entertime	ArrivalTime	Departure	Arrival	Adult
2416	S4	Nizamuddin Indore Exp.	Nizamuddin	Indore	10:15:00 PM	11:50:00 AM Daily		Daily	330
2908	S5	Nizamuddin Bandra Maharashtra Sampark Kranti Exp.	Nizamuddin	Bandra	9:35:00 PM	6:45:00 PM Th,M		F,Tu	175
6034	S6	Dehradun/Chandigarh Chennai Exp.	New Delhi	Chennai Central	2:55:00 PM	4:25:00 AM M		W	200
6032	S7	Jammu Tawi Chennai Andaman Exp.	New Delhi	Chennai Central	2:55:00 PM	11:20:00 AM Tu,F,Sa		F,M,Tu	375
2434	S8	Nizamuddin Chennai Rajdhani Exp.	Nizamuddin	Chennai Central	3:30:00 PM	8:05:00 PM W,F		Th,Sa	730
2616	S5	New Delhi Chennai Grand Trunk Exp.	New Delhi	Chennai Central	6:40:00 PM	6:15:00 AM Daily		Daily	1100
2622	S6	New Delhi Chennai Tamil Nadu Exp.	New Delhi	Chennai Central	10:30:00 PM	7:05:00 AM Daily		Daily	2500
6218	S7	Nizamuddin Mysore Swama Jayanti Exp.	Nizamuddin	Mysore	5:50:00 AM	11:45:00 AM M		W	560
2650	S5	Nizamuddin Yavantpur Karnataka Sampark Kranti Exp	Nizamuddin	Yavantpur	6:40:00 AM	8:00:00 PM Daily		Daily	350
2648	S6	Nizamuddin Coimbatore Kongu Exp.	Nizamuddin	Banglore	8:40:00 AM	2:00:00 AM W		F	200
2780	S7	Nizamuddin Vasco Goa Exp.	Nizamuddin	Vasco-da-Gama	3:00:00 PM	7:05:00 AM Daily		Daily	220
2724	S8	New Delhi Hyderabad Andhra Pradesh Exp.	New Delhi	Hyderabad	5:45:00 PM	7:40:00 PM Daily		Daily	400
7022	S2	Nizamuddin Hyderabad Dakshin Exp.	Nizamuddin	Hyderabad	8:15:00 PM	6:55:00 AM Daily		Daily	750
2430	S3	Nizmuddin Bangalore Rajdhani Exp.	Nizamuddin	Banglore	8:50:00 PM	7:25:00 AM M,Tu,F,Sa		W,Th,Su,M	1150
2438	S4	Nizamuddin Secunderabad Rajdhani Exp.	Nizamuddin	Secunderabad	8:50:00 PM	7:10:00 PM Su		M	2750
2628	S6	New Delhi Bangalore Karantaka Exp.	New Delhi	Banglore	9:15:00 PM	1:40:00 PM Daily		Daily	550
2708	S7	Nizamuddin Secunderabad AP Sampark Kranti Exp.	Nizamuddin	Secunderabad	7:25:00 AM	10:30:00 AM W,F,Su		Th,Sa,M	330
5707	S5	Kathiar Amritsar Exp.	Delhi	Amritsar	4:30:00 AM	12:25:00 PM Daily		Daily	175
1057	S8	Dadar Amritsar Exp.	New Delhi	Amritsar	5:10:00 AM	4:50:00 PM Daily		Daily	200
2497	S1	Nizamuddin Amritsar Shan-e-Punjab Exp.	Nizamuddin	Amritsar	6:10:00 AM	2:15:00 PM Daily		Daily	375
2029	S2	New Delhi Amritsar Swam Shatabdi Exp.	New Delhi	Amritsar	7:20:00 AM	1:05:00 PM Except W		Except W	730
2031	S3	New Delhi Amritsar Shatabdi Exp.	New Delhi	Amritsar	7:20:00 AM	1:05:00 PM W		W	1100
2925	S4	Mumbai Central Amritsar Paschim Exp.	New Delhi	Amritsar	11:00:00 AM	7:35:00 PM Daily		Daily	2500
4649	S5	Darbhanga Amritsar Saryu Yamuna Exp.	Delhi	Amritsar	12:10:00 PM	9:05:00 PM W,Sa,M		W,Sa,M	560
4673	S6	Darbhanga Amritsar Shaheed Exp.	Delhi	Amritsar	12:10:00 PM	9:05:00 PM Tu,Th,F,Su		Tu,Th,F,Su	350

Record: 14 50 of 246 Next No Filter Search

Datasheet View Caps Lock Num Lock

Type here to search

Windows Start Task View Home Office Mail Photos People File Explorer Control Panel Settings

5:08 PM 12/6/2017

The screenshot shows a Microsoft Access application window titled "Database2 : Database (Access 2002 - 2003 file format) - Microsoft Access". The ribbon bar at the top has tabs for Home, Create, External Data, Database Tools, and Datasheet. The Home tab is selected. Below the ribbon is a toolbar with various icons for operations like Cut, Copy, Paste, Format Painter, Refresh All, Save, Spelling, Filter, Advanced, Find, and Replace.

A security warning message is displayed: "Security Warning Certain content in the database has been disabled Options...".

The main area displays a Datasheet view titled "RESERVATION BY DELHI". The table structure includes columns: TrainNo, Coach No, TrainName, Source, Destination, entertime, ArrivalTime, Departure, Arrival, and Adult. The data lists numerous train routes originating from New Delhi, such as the New Delhi Amritsar Exp., Nanded Amritsar Sachkhand Exp., and New Delhi Amritsar Shatabdi Exp., among many others.

The left side of the screen features a vertical "Navigation Pane" which is currently empty.

At the bottom, there are navigation buttons for records (Record: < 45 of 246 >), a search bar ("Search"), and system status indicators for Caps Lock, Num Lock, and network connectivity.

Database2 : Database (Access 2002 - 2003 file format) - Microsoft Access

Home Create External Data Database Tools Datasheet

Views Clipboard Font Rich Text Refresh All New Save Totals Spelling Selection Advanced Filter More Toggle Filter Find Replace Go To Select

Security Warning Certain content in the database has been disabled Options...

Navigation Pane

RESERVATION BY DELHI

TrainNo	Coach No	TrainName	Source	Destination	entertime	ArrivalTime	Departure	Arrival	Adult
4659	S7	New Delhi Amritsar Exp.	New Delhi	Amritsar	1:20:00 PM	9:25:00 PM	Daily	Daily	200
2715	S8	Nanded Amritsar Sachkhand Exp.	New Delhi	Amritsar	1:40:00 PM	9:45:00 PM	Tu,W,F,Sa,Su	Tu,W,F,Sa,Su	220
2013	S5	New Delhi Amritsar Shatabdi Exp.	New Delhi	Amritsar	4:30:00 PM	10:15:00 PM	Daily	Daily	400
2903	S6	Mumbai Amritsar Golden Temple Mail	New Delhi	Amritsar	7:35:00 PM	6:15:00 AM	Daily	Daily	750
8237	S7	Bilaspur Amritsar Chhattisgarh Exp.	New Delhi	Amritsar	9:05:00 PM	8:40:00 AM	Daily	Daily	1150
4523	S5	Sonpur Ambala Harihar Exp.	Delhi	Ambala Cantt.	7:50:00 AM	11:50:00 AM	Tu,F	Tu,F	2750
4517	S6	Allahabad Ambala Unchahar exp.	New Delhi	Ambala Cantt.	5:30:00 AM	9:20:00 AM	Daily	Daily	550
9367	S7	Indore Jammu Tawi Malwa Exp.	New Delhi	Jammu Tawi	8:10:00 AM	6:40:00 PM	Daily	Daily	330
4035	S8	Delhi Pathankot Dhauladhar Exp.	Delhi	Pathankot	9:30:00 PM	8:20:00 AM	M,W,F	Tu,Th,Sa	175
2001	S2	HWD	Delhi	Shamli	5:30:00 AM	12:30:00 PM	daily	daily	200
4681	S3	New Delhi Jalandar Exp.	New Delhi	Jalandhar	2:50:00 PM	11:45:00 PM	Daily	Daily	375
4645	S4	New Delhi Jammu Tawi Shalimar Exp.	New Delhi	Jammu Tawi	4:05:00 PM	6:30:00 AM	Daily	Daily	730
2425	S6	New Delhi Jammu Tawi Rajdhani Exp.	New Delhi	Jammu Tawi	9:00:00 PM	6:00:00 AM	F	Sa	1100
4033	S7	Delhi Jammu Tawi Jammu Mail	Delhi	Jammu Tawi	9:10:00 PM	11:10:00 AM	Daily	Daily	2500
2403	S5	Delhi Jammu Tawi Exp.	Delhi	Jammu Tawi	10:35:00 PM	8:25:00 AM	Daily	Daily	560
1077	S8	Pune Jammu Tawi Jhelum Exp.	New Delhi	Jammu Tawi	9:50:00 PM	11:55:00 AM	Daily	Daily	350
4553	S1	Delhi Una Himachal Exp.	Delhi	Una	11:10:00 PM	7:45:00 AM	Daily	Daily	200
6031	S2	Chennai Jammu Tawi Andaman Exp.	New Delhi	Jammu Tawi	12:35:00 AM	3:10:00 PM	F,Sa,Tu	F,Sa,Tu	220
2445	S3	New Delhi Udhampur Uttar Sampark Kranti Exp.	New Delhi	Udhampur	8:30:00 PM	7:50:00 AM	Tu,Th,Sa	W,F,Su	400
5622	S4	New Delhi Guwahati N.E. Exp.	New Delhi	Guwahati	6:40:00 AM	7:00:00 PM	Daily	Daily	750
4084	S5	Delhi New Jalpaiguri Sikkim Mahananda Exp.	Delhi	New Jalpaiguri	6:35:00 AM	2:15:00 PM	Daily	Daily	1150
5610	S6	Delhi Sarai Rohila Guwahati Avadh Assam Exp.	Delhi	Guwahati	8:25:00 AM	4:00:00 AM	Daily	Daily	2750
2502	S7	New Delhi Guwahati Poorvottor Sampark Kranti Exp.	New Delhi	Guwahati	7:25:00 AM	6:45:00 PM	M,Th	Tu,F	560
5708	S8	Amritsar Kathiar Exp.	Delhi	Kathiar	3:20:00 PM	8:15:00 PM	Daily	Daily	350
5206	S5	New Delhi Muzaffarpur Lichchavi Exp.	New Delhi	Muzaffarpur	3:45:00 PM	2:40:00 PM	Daily	Daily	200
2550	S6	Delhi Muzaffarpur Gangtok Exp.	New Delhi	Gangtok	4:45:00 PM	10:30:00 PM	Daily	Daily	200

Record: 14 51 of 246 < > No Filter Search

Caps Lock Num Lock 5:18 PM 12/6/2017

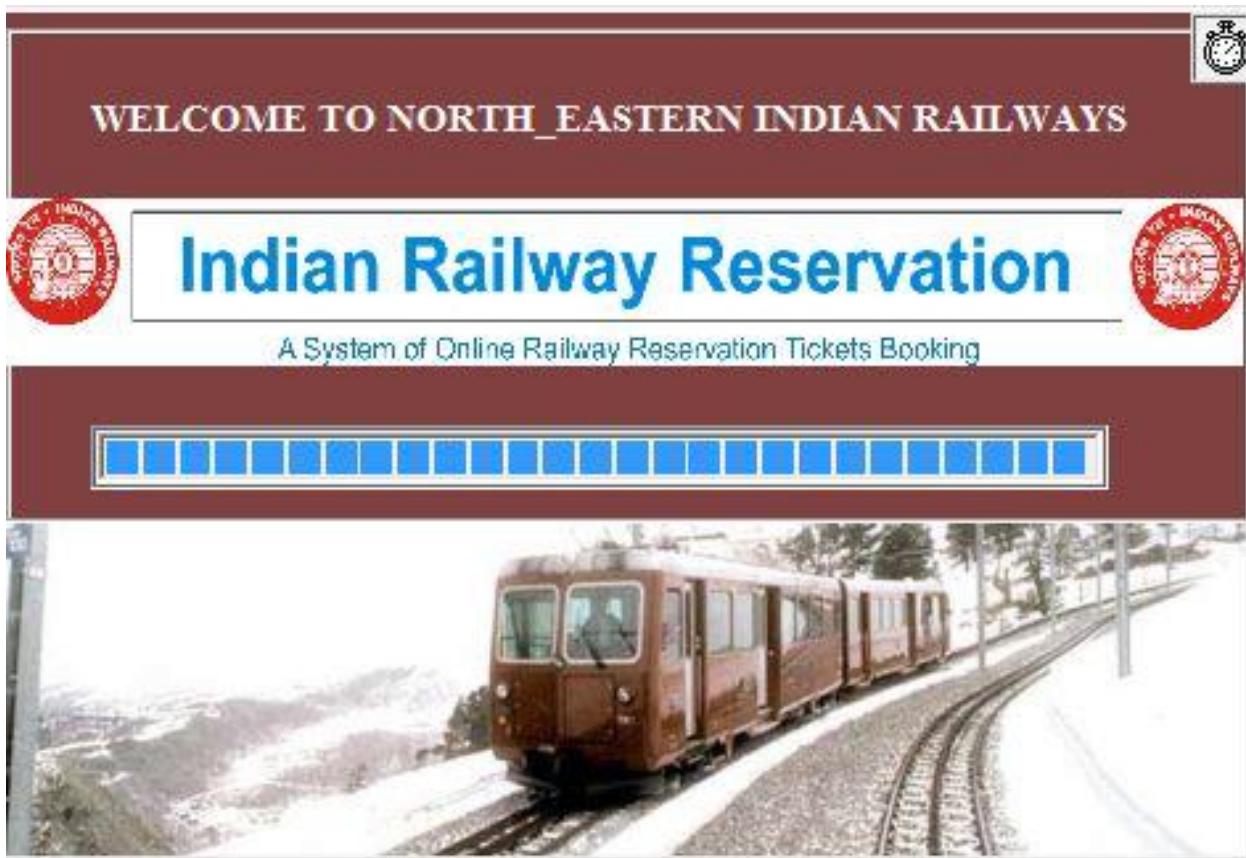
RESERVATION OF DELHI

RESERVATION BY DELHI												
TrainNo	TrainName	Source	Destination	entertime	ArrivalTime	Departure	Arrival	Class	Adult	Child	Senior Citizen	Infant
2302	New delhi Howrah Rajdhani Exp.	New Delhi	Howrah	5:00:00 PM	10:45:00 AM Except F		Except Sa	SL 2A 3A 1A	560			
2306	New Delhi Howrah Rajdhani Exp.	New Delhi	Howrah	5:00:00 PM	1:30:00 PM F		Sa	SL 2A 3A 1A	350			
2310	New Delhi Rajendra Nagar Rajdhani Exp.	New Delhi	Rajendranagar	5:15:00 PM	6:25:00 AM Th,Su		F,M	SL 2A 3A 1A	200			
2394	New Delhi Patna Sampoorna Kranti Exp.	New Delhi	Patna	6:10:00 PM	8:45:00 AM Daily		Daily	SL 2A 3A 1A	220			
2330	Delhi Sealdah West Bengal Sampark Kranti Exp.	Delhi	Sealdah	6:45:00 PM	5:45:00 PM Tu,Sa		W,Su	SL 2A 3A 1A	400			
2402	New Delhi Islampur Magadh Exp.	New Delhi	Islampur	8:00:00 PM	2:25:00 PM Daily		Daily	SL 2A 3A 1A	750			
2418	New Delhi Allahabad Prayagraj Exp.	New Delhi	Allahabad	9:30:00 PM	6:50:00 AM Daily		Daily	SL 2A 3A 1A	1150			
3414	Bhiwani Maldatton Farakka Exp.	Delhi	Malda Town	9:45:00 PM	7:35:00 AM M,W,Sa/Tu,Th,F,Su		W,F,M/Th,Sa,Su,Tu	SL 2A 3A 1A	2750			
3112	Delhi Sealdah Lal Quila Exp.	Delhi	Sealdah	10:00:00 PM	7:15:00 AM Daily		Daily	SL 2A 3A 1A	550			
2452	New Delhi Kanpur Shram Shakti Exp.	New Delhi	Kanpur	11:30:00 PM	6:20:00 AM Daily		Daily	SL 2A 3A 1A	330			
2138	Firozpur Mumbai CST Punjab Mail	New Delhi	Mumbai CST	5:30:00 AM	7:35:00 AM Daily		Daily	SL 2A 3A 1A	175			
2002	New Delhi Bhopal Shatabdi Exp.	New Delhi	Bhopal	6:00:00 AM	2:10:00 PM Daily		Daily	SL 2A 3A 1A	200			
2180	Nizamuddin Gwalior Taj Exp.	Nizamuddin	Gwalior	7:15:00 AM	11:55:00 AM Daily		Daily	SL 2A 3A 1A	375			
2406	Nizamuddin Bhusaval Gondwana Exp.	Nizamuddin	Bhusaval	2:30:00 PM	3:50:00 PM F,Su		Sa,M	SL 2A 3A 1A	730			
1104	Nizamuddin Agra Cantt. Intercity Exp.	Nizamuddin	Agra Cantt.	6:10:00 PM	9:35:00 PM Daily		Daily	SL 2A 3A 1A	1100			
1058	Amritsar Dadar Exp.	New Delhi	Dadar	8:45:00 PM	4:00:00 AM Daily		Daily	SL 2A 3A 1A	2500			
2156	Nizamuddin Habibganj Bhopal Exp.	Nizamuddin	Habibganj	9:00:00 PM	7:05:00 AM Daily		Daily	SL 2A 3A 1A	560			
2904	Amritsar Mumbai Golden Temple Mail	New Delhi	Mumbai CST	7:55:00 AM	6:05:00 AM Daily		Daily	SL 2A 3A 1A	350			
2060	Nizamuddin Kota Jan Shatabdi Exp.	Nizamuddin	Kota	1:10:00 PM	7:40:00 PM Except Su		Except Su	SL 2A 3A 1A	200			
2918	Nizamuddin Ahmedabad Gujurat Sampark Kranti Exp.	Nizamuddin	Ahmedabad	2:00:00 PM	6:55:00 AM Tu,Th,Sa		W,F,Su	SL 2A 3A 1A	220			
9024	Firozpur Mumbai Janata Exp.	New Delhi	Mumbai CST	2:00:00 PM	8:40:00 PM Daily		Daily	SL 2A 3A 1A	400			
2952	New Delhi Mumbai Rajdhani Exp.	New Delhi	Mumbai CST	4:00:00 PM	8:35:00 AM Daily		Daily	SL 2A 3A 1A	750			
2954	Nizamuddin Mumbai August Kranti Exp.	Nizamuddin	Mumbai CST	4:55:00 PM	10:15:00 AM Daily		Daily	SL 2A 3A 1A	1150			
2926	Amritsar/kalka Bandra Terminus Paschim Exp.	New Delhi	Bandra	5:00:00 PM	3:20:00 PM Daily		Daily	SL 2A 3A 1A	2750			
2472	Jammu Tawi Mumbai Swaraj Exp.	New Delhi	Mumbai CST	9:55:00 PM	7:00:00 PM Tu,W,F,Sa		W,Th,Sa,Su	SL 2A 3A 1A	550			

FORMS AND CODING

*** SCREEN DISPLAY ***

SPLASH FORM



This is the splash form. It will show the loading process for required information to run the software.

```
Private Sub Form_Load()
```

```
    Timer1.Interval = 50
```

```
End Sub
```

```
Private Sub Timer1_Timer()
```

```
    ProgressBar1.Value = ProgressBar1.Value + 1
```

```
Select Case ProgressBar1.Value
```

```
Case "10"
```

```
    Label1.Caption = "LOADING..."
```

```
Case "35"
```

```
    Label1.Caption = "OPENING DATABASE..."
```

```
Case "65"
```

```
    Label1.Caption = "CHECKING CONNECTIVITY..."
```

```
Case "90"
```

```
    Label1.Caption = " Created By--PRAKHAR AGRAWAL"
```

```
Case "100"
```

```
Unload Me
```

```
ABOUTUS.Show
```

```
End Select
```

```
End Sub
```

ABOUT US FORM

About Us

Railway Reservation System



This system, a practical approach has been taken under study to understand how online reservation system works. This system will include all the necessary fields which are required during online reservation system. This system will be easy to use and can be used by any person. The basic idea behind this project is to save data in a central database which can be accessed by any authorize person to get information and saves time and burden which are being faced by their customers.

Even though the online reservation system is available but the passengers have to fill all their necessary details using pen and paper which involves manual working. It's the main counter is not open due to late arrival or due to some reasons then in this case, passengers have to wait and in certain cases they have to wait in line, waiting for their chance to come. After wasting so much time, customers able to get their answers and sometimes they did not positive response.

Created By:
Prakhar Agrawal
BCA V Sem (IMT Kashipur)

QUICK START

```
Private Sub Image3_Click()
LOGIN.Show
Unload Me
End Sub
```

LOGIN FORM

Welcome to Indian Railway Reservation System

Indian Railway Reservation

A System of Online Railway Reservation Tickets Booking

Now get meals on your seat in the train. Just call 1800-10

Login

User ID: PRAKHAR

Password: *****

Login Registration Cancel

Information & News Alerts

A verification call may be made for the bookings done between 10:00 am to 10:15 am to verify user id, pnr, passenger mobile number and passenger details. Any misleading information may lead to cancellation of e-ticket and an appropriate legal action. Internet booking is not in the overseas train nos 14001, 14002, 14889, 13108 & 131. Never purchase e-ticket from unauthorized agents or persons using their personal IDs for commercial purposes. Such

Never purchase e-ticket from unauthorized agents or perso

Now Book your Rail Ticket on 139

All Master/ Visa Credit & Debit Card accepted

Secured IVR payment gateway

Instant Ticket delivery on E-mail

To book now dial 139 & select option 5 from main menu

Kereta-api.co.id | Starting August 3rd, 2012

Internet Reservation

anywhere and anytime you can buy the ticket

RESERVATION H-90

```
Dim con As New ADODB.Connection
Dim rs As New ADODB.Recordset
Dim i As Integer
Dim chk As Integer

Private Sub cmdOK_Click()
chk = True
If Combo1.Text = "" And txtPassword.Text = "" Or Combo1.Text = "" Or txtPassword.Text = "" Then
    MsgBox ("You cannot blank User Name or Password"), vbCritical, "Error"
Else
    Adodc1.Recordset.MoveFirst
    For i = 0 To Adodc1.Recordset.RecordCount - 1
        If Combo1.Text = Adodc1.Recordset.Fields("Username") And txtPassword.Text = Adodc1.Recordset.Fields("Password") Then
            chk = False
            MDIForm1.Show
            Me.Hide
            Exit For
        Else
            Adodc1.Recordset.MoveNext
        End If
    Next
    If chk = True Then
        MsgBox ("Please enter the correct username and password"), vbExclamation, "Error"
        Combo1.Text = ""
        txtPassword.Text = ""
        Combo1.SetFocus
    End If
End If

End Sub
```

```
Private Sub Combo1_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or KeyAscii = Asc(vbBack)) Then
    KeyAscii = 0
End If
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or (KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or KeyAscii = Asc(vbBack)))
Then
    KeyAscii = 0
End If
End Sub
```

```
Private Sub Command1_Click()
Dialog.Show
Me.Hide
End Sub
```

```
Private Sub Command2_Click()
REGISTRATION.Show
Me.Hide
End Sub
```

```
Private Sub Form_Load()
Set con = New ADODB.Connection
con.Provider = "Microsoft.Jet.OLEDB.4.0"
con.ConnectionString = "Data Source=" & App.Path &
"\Database2.mdb"
con.Open
rs.Open "select distinct Username from loginsignup", con,
adOpenDynamic, adLockOptimistic, adCmdText
While rs.EOF = False
    Combo1.AddItem rs.Fields(0)
    rs.MoveNext
```

```
Wend  
rs.Close  
End Sub
```

```
Private Sub Timer1_Timer()  
If (Label3.Left + Label3.Width) <= 0 Then  
    Label3.Left = Me.Width  
End If  
  
Label3.Left = Label3.Left - 25  
End Sub
```

```
Private Sub Timer2_Timer()  
If (Image6.Top + Image6.Width) <= 0 Then  
    Image6.Top = Me.Width  
End If  
  
Image6.Top = Image6.Top - 25  
End Sub
```

```
Private Sub Timer3_Timer()  
If (Label4.Left + Label4.Width) <= 0 Then  
    Label4.Left = Me.Width  
End If  
  
Label4.Left = Label4.Left - 25  
End Sub
```

REGISTRATION FORM

Fill Your Information X



Indian Railway Reservation
A System of Online Railway Reservation Tickets Booking

Registration Form

Username : *	PRAKHARAG
Password : *	*****
<u>If you Forget your password,we will identify you with this information</u>	
Security Question : *	What is your favorite pass-time?
Your Answer : *	CODING
Gender : *	Male
Date of Birth : *	10/18/1995
Occupation : *	Student
Martial Status : *	Unmarried
Adhaar Card	8454745478545745
E-mail ID : *	prakhara960@gmail.com
Mobile : *	8533079043
Address : *	Ramnagar
Pin\Zip : *	244715
Submit Reset	

```
Private Sub Combo1_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or
KeyAscii = Asc(vbBack))) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Combo2_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or
KeyAscii = Asc(vbBack))) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Combo6_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
```

```
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or  
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or  
KeyAscii = Asc(vbBack))) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Combo7_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or  
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or  
KeyAscii = Asc(vbBack))) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Command1_Click()
```

```
Adodc2.Recordset.AddNew  
Adodc2.Recordset.Fields("Username") = Text1.Text  
Adodc2.Recordset.Fields("Password") = Text2.Text  
Adodc2.Recordset.Fields("SQuestion") = Combo1.Text  
Adodc2.Recordset.Fields("Gender") = Combo2.Text  
Adodc2.Recordset.Fields("YAns") = Text3.Text  
Adodc2.Recordset.Fields("Martial Status") = Combo7.Text  
Adodc2.Recordset.Fields("Occupation") = Combo6.Text  
Adodc2.Recordset.Fields("Date of Birth") = DTPicker1.Value
```

```
Adodc2.Recordset.Fields("Aadhaar Card No") = Text4.Text  
Adodc2.Recordset.Fields("E-Mail") = Text5.Text  
Adodc2.Recordset.Fields("Mobile No") = Text6.Text  
Adodc2.Recordset.Fields("Address") = Text7.Text
```

```
Adodc2.Recordset.Fields("Pin Code") = Text8.Text
```

```
Adodc2.Recordset.Save
```

```
If Text1.Text = "" Or Text2.Text = "" Or Text3.Text = "" Or  
Text6.Text = "" Or Text7.Text = "" Or Text8.Text = "" Or  
Combo1 = "" Or Combo2 = "" Or Combo7 = "" Or Combo6  
= "" Or DTPicker1 = "" Then  
MsgBox "Some * fields are left Blank, Please fill Them",  
vbExclamation, "Error"
```

```
Exit Sub
```

```
End If
```

```
MsgBox ("Record is successfully submitted"),  
vbMsgBoxSetForeground, "Success"
```

```
Form3.Show
```

```
Unload Me
```

```
End Sub
```

```
Private Sub Command2_Click()
```

```
Text1.Text = ""
```

```
Text2.Text = ""
```

```
Text5.Text = ""
```

```
Text6.Text = ""
```

```
Text7.Text = ""
```

```
Text3.Text = ""
```

```
Text4.Text = ""
```

Text5.Text = ""

Text8.Text = ""

Combo1.Text = ""

Combo2.Text = ""

Combo6.Text = ""

Combo7.Text = ""

Text1.SetFocus

End Sub

Private Sub Form_Load()

Combo1.AddItem "What is your pets name?"

Combo1.AddItem "Who was your childhood hero?"

Combo1.AddItem "What is your favorite pass-time?"

Combo1.AddItem "What make was your Favorite sports team?"

Combo1.AddItem "What is your favorite clothes brand?"

Combo1.AddItem "What was the name of your first school"

Combo1.AddItem "Name the person whom u want's to copy?"

Combo2.AddItem "Male"

Combo2.AddItem "Female"

Combo6.AddItem "Government"

Combo6.AddItem "Public"

Combo6.AddItem "Private"

Combo6.AddItem "Professional"

Combo6.AddItem "Employed"

Combo6.AddItem "Student"

```
Combo6.AddItem "Other"
Combo7.AddItem "Married"
Combo7.AddItem "Unmarried"
Combo7.AddItem "Divorced"
End Sub
```

```
Private Sub Text1_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or
KeyAscii = Asc(vbBack))) Then
KeyAscii = 0
End If
End Sub
```

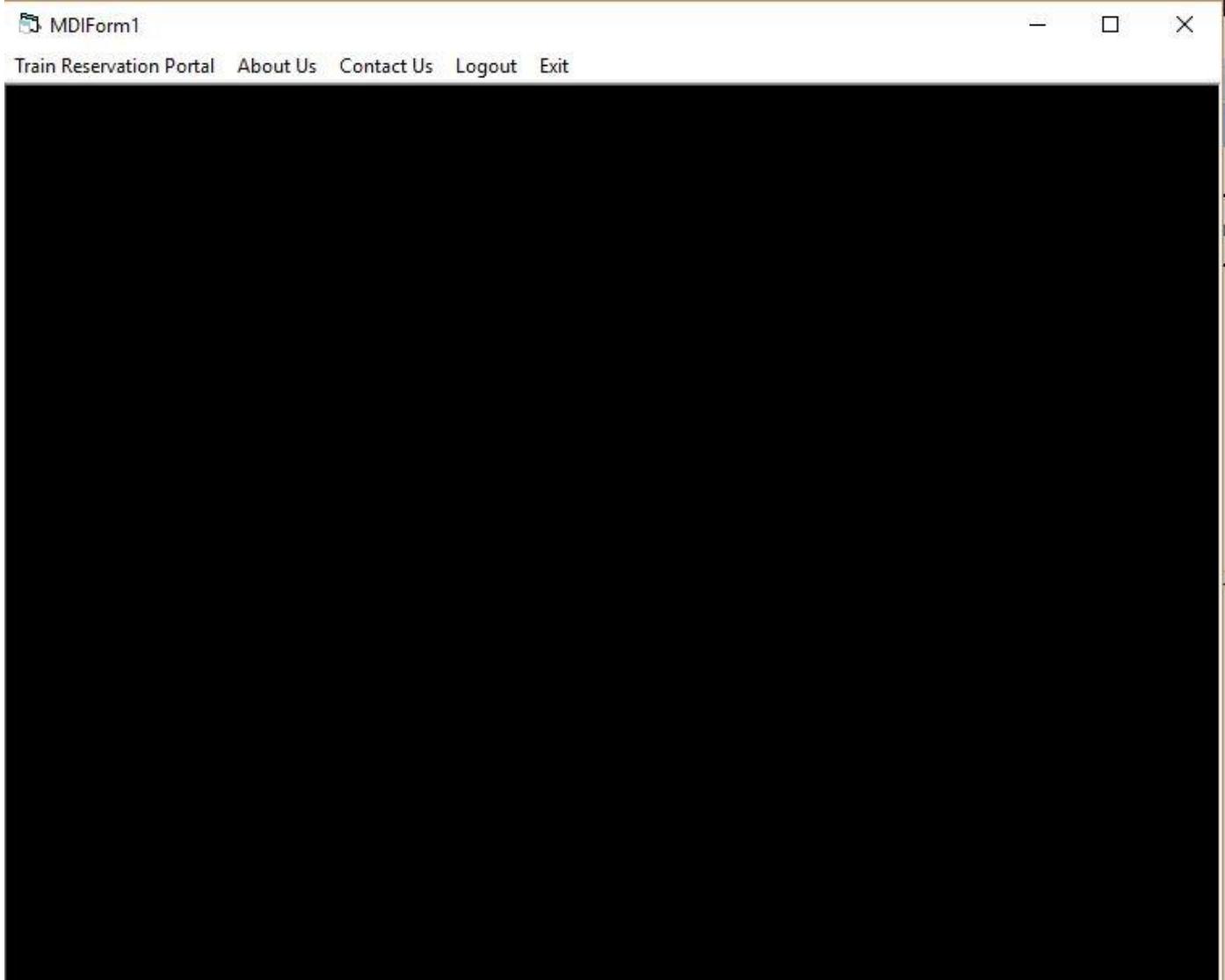
```
Private Sub Text10_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or
KeyAscii = Asc(vbBack))) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Text4_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Text6_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Text8_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

MDIForm



Option Explicit

```
Private Sub newreg_Click()
Form13.Show
Unload Me
```

```
End Sub
```

```
Private Sub Picture1_Click()
```

```
End Sub
```

```
Private Sub Abtus_Click()
ABOUTUS.Show
Me.Hide
```

```
End Sub
```

```
Private Sub contact_Click()
Contactus.Show
Me.Hide
```

```
End Sub
```

```
Private Sub exit_Click()
Dialog.Show
Me.Hide
```

```
End Sub
```

```
Private Sub logout_Click()
```

```
LOGIN.Show
```

```
Me.Hide
```

```
End Sub
```

```
Private Sub TRP_Click()
```

```
Form3.Show
```

```
Unload Me
```

```
End Sub
```

FAVORABLE JOURNEY FORM

(FORM 3)

Select Journey Criteria

Indian Railway Reservation

A System of Online Railway Reservation Tickets Booking

6:59:18 PM 12/6/2017

Select Favourite Journey List

From Station: Bangalore To Station: Kanniyakumari Journey Date: 12/29/2017 Quota: Tatkal

Search Reset

Train between Station



Your Selected Journey List

Train Name: Bangalore Kanniyakumari Exp. Journey Date: 12/29/2017 Class: 2A

From Station: Bangalore To Station: Kanniyakumari Quota: Tatkal

Book Now

```
Dim con As New ADODB.Connection  
Dim rs As New ADODB.Recordset  
Dim rs1 As New ADODB.Recordset  
Dim rs2 As New ADODB.Recordset  
Private Sub Combo1_Click()  
  
Combo2.Clear  
rs.Open "select distinct Destination from delhi where  
Source=''" & Combo1.Text & "", con, adOpenDynamic,  
adLockOptimistic, adCmdText  
While rs.EOF = False  
Combo2.AddItem rs.Fields(0)  
rs.MoveNext  
Wend  
rs.Close  
  
End Sub
```

```
Private Sub Combo1_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or  
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or  
KeyAscii = Asc(vbBack))) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Combo2_GotFocus()
If Combo1.Text = "" Then
MsgBox "Please select the train to move forward ",
vbExclamation, "Error"
Combo1.SetFocus
End If
End Sub
```

```
Private Sub Combo2_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
MSHFlexGrid1.Visible = True
rs.Open "select * from delhi where Source=""" & Combo1.Text
& """ and Destination=""" & Combo2.Text & """", con,
adOpenDynamic, adLockOptimistic, adCmdText
Set Form3.MSHFlexGrid1.DataSource = rs
rs.Close
Else
End If
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or
KeyAscii = Asc(vbBack))) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Combo3_Click()
```

```
    search.SetFocus
```

```
    End Sub
```

```
Private Sub Combo3_KeyPress(KeyAscii As Integer)
```

```
    If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
    KeyAscii = Asc(vbBack)) Then
```

```
        KeyAscii = 0
```

```
    End If
```

```
    If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or  
    (KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or
```

```
    KeyAscii = Asc(vbBack))) Then
```

```
        KeyAscii = 0
```

```
    End If
```

```
    End Sub
```

```
Private Sub Combo4_KeyPress(KeyAscii As Integer)
```

```
    If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
    KeyAscii = Asc(vbBack)) Then
```

```
        KeyAscii = 0
```

```
    End If
```

```
    If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or  
    (KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or
```

```
    KeyAscii = Asc(vbBack))) Then
```

```
        KeyAscii = 0
```

```
    End If
```

```
    End Sub
```

```
Private Sub Command1_Click()
```

```
End Sub
```

```
Private Sub Command2_Click()
```

```
Combo1.Text = ""
```

```
Combo2.Text = ""
```

```
Combo4.Text = ""
```

```
End Sub
```

```
Private Sub DTPicker1_GotFocus()
```

```
If Combo2.Text = "" Then
```

```
MsgBox "Please select the Train to move forward ",  
vbExclamation, "Error"
```

```
Combo2.SetFocus
```

```
End If
```

```
End Sub
```

```
Private Sub DTPicker2_CallbackKeyDown(ByVal KeyCode  
As Integer, ByVal Shift As Integer, ByVal CallbackField As  
String, CallbackDate As Date)
```

```
DTPicker1 = DTPicker2
```

```
End Sub
```

```
Private Sub Form_Load()
```

```
Set con = New ADODB.Connection
```

```
con.Provider = "Microsoft.Jet.OLEDB.4.0"
con.ConnectionString = "Data Source=" & App.Path &
"\Database2.mdb"
con.Open
```

```
rs2.Open "select distinct Source from delhi", con,
adOpenDynamic, adLockOptimistic, adCmdText
While rs2.EOF = False
Combo1.AddItem rs2.Fields(0)
rs2.MoveNext
Wend
rs2.Close
End Sub
```

```
Private Sub Form_Unload(Cancel As Integer)
con.Close
End Sub
```

```
Private Sub Picture3_Click(Index As Integer)
```

```
If Combo3.Text = "" Or Combo2.Text = "" Or Combo1.Text
= "" Or Label9 = "" Then
MsgBox " Fill Full Details ", vbCritical, "Error"
Combo1.SetFocus
Else
If Not Combo3.Text = "" Then
Form2.Label3 = Label9
Form2.Label5 = Label10
```

Form2.Label13 = DTPicker1
Form2.Label9 = Label11
Form2.Label11 = Combo3.Text
Form2.Label13 = Label12
Form5.Label22 = Label9
Form5.Label13 = Label10
Form5.Label23 = DTPicker1
Form5.Label24 = Label11
Form5.Label21 = Combo3.Text
Form5.Label20 = Label12

Form5.Label55 = Text1.Text
Form11.Label22 = Label9
Form11.Label28 = Label10
Form11.Label29 = DTPicker1
Form11.Label30 = Text5.Text
Form11.Label24 = Label11
Form11.Label25 = Combo3.Text

Form12.Label22 = Label9
Form12.Label28 = Label10
Form12.Label29 = DTPicker1
Form12.Label30 = Text5.Text
Form12.Label24 = Label11
Form12.Label25 = Combo3.Text

Form12.Label26 = Text4.Text
Form5.Label21 = Combo3.Text
Form2.Show
Unload Me

Unload Me

End If

End If

End Sub

Private Sub search_Click()

If Combo1.Text <> "" And Combo2.Text <> "" Then

Label10 = Combo1.Text

Label11 = Combo2.Text

End If

rs.Open "select * from delhi where Source="" & Combo1.Text & "" and Destination="" & Combo2.Text & "", con, adOpenDynamic, adLockOptimistic, adCmdText

Set Label9.DataSource = rs

Set Text2.DataSource = rs

Set Text4.DataSource = rs

Set Text5.DataSource = rs

Text2.DataField = "Availiblity"

Text4.DataField = "PNR No"

Text5.DataField = "Transaction _ID"

Form5.Label58 = Text2.Text

Label9.DataField = "TrainName"

If Combo1.Text = " " And Combo2.Text = "" And

Combo4.Text = "" And DTPicker1 = "" Or Combo1.Text = "

" Or Combo2.Text = "" Or Combo4.Text = "" Or DTPicker1 = "" Then

MsgBox (" Fill Full Details "), vbCritical, "Error"

Combo1.Text = ""

Combo2.Text = ""

```
Combo4.Text = ""  
Combo1.SetFocus  
  
End If  
Label12 = Combo4.Text  
Label13 = DTPicker1  
  
End Sub
```

```
Private Sub Timer1_Timer()  
Label7.Caption = Date  
Label8.Caption = Time  
  
End Sub
```

PASSENGER DETAIL

Please fill Some Details X

Indian Railway Reservation

A System of Online Railway Reservation Tickets Booking

Journey Details					
Train No/Name	kathgodam Punjab Express		Journey Date	12/6/2017	class 2A
From Station	Bazpur	To Station	Punjab	Quota	Tatkal

Passenger Details					
S.No.	Passenger Name *	Age *	Gender *	Berth	Senior
1	PRAKHAR AGRAWAL	21	Male	Upper	<input type="checkbox"/>
2					
3					
4					

Passenger Mobile No.: +91 8533079043

Passenger Address: RAMNAGAR

```
Dim con As New ADODB.Connection  
Dim rs As New ADODB.Recordset  
Dim rs1 As New ADODB.Recordset  
Dim rs2 As New ADODB.Recordset
```

```
Private Sub Adodc1_Click()
```

```
End Sub
```

```
Private Sub Combo1_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or  
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z")) Or  
KeyAscii = Asc(vbBack))) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Combo1_LostFocus()  
Picture2.Visible = True
```

```
End Sub
```

```
Private Sub Combo2_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then
```

```
KeyAscii = 0
End If
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or
KeyAscii = Asc(vbBack))) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Combo2_LostFocus()
If Text2.Text >= 60 Then
Check1.Value = 1
Check1.Visible = True
Form5.Label45 = "Yes"

Else: Check1.Value = False
Check1.Visible = True
Form5.Label45 = "No"
End If
If Not Combo2 = "" Then
Frame1.Visible = False
End If

End Sub
```

```
Private Sub Combo3_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
```

```
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or  
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or  
KeyAscii = Asc(vbBack))) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Combo4_Click()  
If Text3.Text = "" Or Combo3 = "" Then  
MsgBox " Please fill your full Details in S.No '2'",  
vbExclamation, "Error"  
Text3.SetFocus  
End If  
End Sub
```

```
Private Sub Combo4_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or  
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or  
KeyAscii = Asc(vbBack))) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Combo4_LostFocus()  
If Text4.Text >= 60 Then  
Check2.Value = 1
```

```
Check2.Visible = True
Form5.Label41 = "Yes"
Else: Check2.Value = False
Check1.Visible = True
Form5.Label41 = "No"
End If
If Not Combo4 = "" Then
Frame2.Visible = False
Form5.Frame1.Visible = False
End If
If Not Combo4 = "" Then
Frame2.Visible = False
Form11.Frame1.Visible = False
End If
If Not Combo4 = "" Then
Frame2.Visible = False
Form12.Frame1.Visible = False
End If
```

```
End Sub
```

```
Private Sub Combo5_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or
KeyAscii = Asc(vbBack))) Then
KeyAscii = 0
End If
```

End Sub

```
Private Sub Combo6_Click()
If Text5.Text = "" Or Combo5 = "" Then
    MsgBox " Please fill your full Details in S.No '3'",
    vbExclamation, "Error"
Text5.SetFocus
End If
End Sub
```

```
Private Sub Combo6_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
    KeyAscii = 0
End If
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z") Or
KeyAscii = Asc(vbBack))) Then
    KeyAscii = 0
End If
End Sub
```

```
Private Sub Combo6_LostFocus()
If Text6.Text >= 60 Then
    Check4.Value = 1
    Check4.Visible = True
    Form5.Label37 = "Yes"
```

```
Else: Check4.Value = False
Check4.Visible = True
Form5.Label37 = "No"

End If
If Not Combo6 = "" Then
Frame3.Visible = False
Form5.Frame2.Visible = False
End If
If Not Combo6 = "" Then
Frame3.Visible = False
Form11.Frame2.Visible = False
End If
If Not Combo6 = "" Then
Frame3.Visible = False
Form12.Frame2.Visible = False
End If

End Sub
```

```
Private Sub Combo7_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z")) Or
KeyAscii = Asc(vbBack))) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Combo8_Click()
If Text7.Text = "" Or Combo7 = "" Then
MsgBox " Please fill your full Details in S.No '2'",
vbExclamation, "Error"
Text7.SetFocus
End If
End Sub
```

```
Private Sub Combo8_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z")) Or
KeyAscii = Asc(vbBack))) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Combo8_LostFocus()
If Text8.Text >= 60 Then
Check5.Value = 1
Check5.Visible = True
Form5.Label33 = "Yes"
Else: Check5.Value = False
Check5.Visible = True
Form5.Label33 = "No"
End If
If Combo8 = "" Then
MsgBox " Fill the column", vbQuestion, "Error"
```

```
Combo8.SetFocus  
End If  
Form5.Frame3.Visible = False  
Form11.Frame3.Visible = False  
Form12.Frame3.Visible = False  
  
End Sub
```

```
Private Sub Command1_Click()  
Text1.Text = """  
Text2.Text = """  
Text3.Text = """  
Text4.Text = """  
Text5.Text = """  
Text6.Text = """  
Text7.Text = """  
Text8.Text = """  
Combo1.Text = """  
Combo2.Text = """  
Combo3.Text = """  
Combo4.Text = """  
Combo5.Text = """  
Combo6.Text = """  
Combo7.Text = """  
Combo8.Text = """  
Check1.Value = 2
```

```
Check2.Value = 2  
Check4.Value = 2  
Check5.Value = 2  
End Sub
```

```
Private Sub Command5_Click()
```

```
End Sub
```

```
Private Sub Form_Load()  
Set con = New ADODB.Connection  
con.Provider = "Microsoft.Jet.OLEDB.4.0"  
con.ConnectionString = "Data Source=" & App.Path &  
"\Database2.mdb"  
con.Open  
rs.Open "select distinct Source from delhi", con,  
adOpenDynamic, adLockOptimistic, adCmdText
```

```
rs.MoveNext
```

```
rs.Close
```

```
Combo1.AddItem "Male"  
Combo1.AddItem "Female"  
Combo2.AddItem "Upper"  
Combo2.AddItem "Middle"
```

```
Combo2.AddItem "Lower"
Combo2.AddItem "Side Upper"
Combo2.AddItem "Side Lower"
Combo3.AddItem "Male"
Combo3.AddItem "Female"
Combo4.AddItem "Upper"
Combo4.AddItem "Middle"
Combo4.AddItem "Lower"
Combo4.AddItem "Side Upper"
Combo4.AddItem "Side Lower"
Combo5.AddItem "Male"
Combo5.AddItem "Female"
Combo6.AddItem "Upper"
Combo6.AddItem "Middle"
Combo6.AddItem "Lower"
Combo6.AddItem "Side Upper"
Combo6.AddItem "Side Lower"
Combo7.AddItem "Male"
Combo7.AddItem "Female"
Combo8.AddItem "Upper"
Combo8.AddItem "Middle"
Combo8.AddItem "Lower"
Combo8.AddItem "Side Upper"
Combo8.AddItem "Side Lower"
```

End Sub

```
Private Sub Picture2_Click()
rs.Open "select * from delhi where Source="" & Label5 & """
and Destination="" & Label9 & "", con, adOpenDynamic,
adLockOptimistic, adCmdText
```

```
Set Text16.DataSource = rs
Set Text12.DataSource = rs
Text16.DataField = "Senior Citizen"
Text12.DataField = "Adult"
rs.Close
```

```
Form5.Label32 = Text1.Text
Form5.Label48 = Text2.Text
Form5.Label47 = Combo1.Text
Form5.Label46 = Combo2.Text
Form5.Label31 = Text3.Text
Form5.Label44 = Text4.Text
Form5.Label43 = Combo3.Text
Form5.Label42 = Combo4.Text
Form5.Label30 = Text5.Text
Form5.Label40 = Text6.Text
Form5.Label39 = Combo5.Text
Form5.Label38 = Combo6.Text
Form5.Label29 = Text7.Text
Form5.Label36 = Text8.Text
Form5.Label35 = Combo7.Text
Form5.Label34 = Combo8.Text
Form11.Label45 = Text1.Text
Form11.Label48 = Text2.Text
Form11.Label44 = Text3.Text
Form11.Label46 = Text4.Text
Form11.Label43 = Text5.Text
Form11.Label42 = Text6.Text
Form11.Label39 = Text7.Text
Form11.Label38 = Text8.Text
Form11.Label49 = Combo1.Text
```

Form11.Label47 = Combo3.Text
Form11.Label41 = Combo5.Text
Form11.Label37 = Combo7.Text
Form12.Label45 = Text1.Text
Form12.Label48 = Text2.Text
Form12.Label44 = Text3.Text
Form12.Label46 = Text4.Text
Form12.Label43 = Text5.Text
Form12.Label42 = Text6.Text
Form12.Label39 = Text7.Text
Form12.Label38 = Text8.Text
Form12.Label49 = Combo1.Text
Form12.Label47 = Combo3.Text
Form12.Label41 = Combo5.Text
Form12.Label37 = Combo7.Text
Form12.Label56 = Text10.Text
Form12.Label19 = Text9.Text

If Check1.Value = 1 And Check2.Value = 1 And Check4.Value = 1 And Check5.Value = 1 Then
Text15.Text = 4
Else
If Check1.Value = 1 And Check2.Value = 1 And Check4.Value = 1 Then
Text15.Text = 3
Else
If Check1.Value = 1 And Check2.Value = 1 And Check5.Value = 1 Then
Text15.Text = 3

```
Else
If Check1.Value = 1 And Check4.Value = 1 And Check5.Value
= 1 Then
Text15.Text = 3
Else
If Check1.Value = 1 And Check4.Value = 1 And Check2.Value
= 1 Then
Text15.Text = 3
Else
If Check1.Value = 1 And Check5.Value = 1 And Check4.Value
= 1 Then
Text15.Text = 3
Else
If Check1.Value = 1 And Check5.Value = 1 And Check2.Value
= 1 Then
Text15.Text = 3
Else
If Check4.Value = 1 And Check1.Value = 1 And Check2.Value
= 1 Then
Text15.Text = 3
Else
If Check4.Value = 1 And Check1.Value = 1 And Check5.Value
= 1 Then
Text15.Text = 3
Else
If Check4.Value = 1 And Check2.Value = 1 And Check5.Value
= 1 Then
Text15.Text = 3
Else
If Check4.Value = 1 And Check2.Value = 1 And Check1.Value
= 1 Then
```

```
Text15.Text = 3
Else
If Check4.Value = 1 And Check5.Value = 1 And Check1.Value
= 1 Then
Text15.Text = 3
Else
If Check4.Value = 1 And Check5.Value = 1 And Check2.Value
= 1 Then
Text15.Text = 3
Else
If Check5.Value = 1 And Check1.Value = 1 And Check2.Value
= 1 Then
Text15.Text = 3
Else
If Check5.Value = 1 And Check1.Value = 1 And Check4.Value
= 1 Then
Text15.Text = 3
Else
If Check5.Value = 1 And Check2.Value = 1 And Check4.Value
= 1 Then
Text15.Text = 3
Else
If Check5.Value = 1 And Check2.Value = 1 And Check1.Value
= 1 Then
Text15.Text = 3
Else
If Check5.Value = 1 And Check4.Value = 1 And Check1.Value
= 1 Then
Text15.Text = 3
Else
```

```
If Check5.Value = 1 And Check4.Value = 1 And Check2.Value  
= 1 Then  
Text15.Text = 3  
Else  
If Check1.Value = 1 And Check2.Value = 1 Then  
Text15.Text = 2  
Else  
If Check1.Value = 1 And Check4.Value = 1 Then  
Text15.Text = 2  
Else  
If Check1.Value = 1 And Check5.Value = 1 Then  
Text15.Text = 2  
Else  
If Check4.Value = 1 And Check2.Value = 1 Then  
Text15.Text = 2  
Else  
  
If Check4.Value = 1 And Check1.Value = 1 Then  
Text15.Text = 2  
Else  
If Check4.Value = 1 And Check5.Value = 1 Then  
Text15.Text = 2  
Else  
If Check5.Value = 1 And Check1.Value = 1 Then  
Text15.Text = 2  
Else  
If Check5.Value = 1 And Check4.Value = 1 Then  
Text15.Text = 2  
Else  
If Check5.Value = 1 And Check2.Value = 1 Then  
Text15.Text = 2
```



```
End If
End If
End If
End If
If Check1.Value = 0 And Check2.Value = 0 And Check4.Value
= 0 And Check5.Value = 0 Then
Text11.Text = 4
Else
If Check1.Value = 0 And Check2.Value = 0 And Check4.Value
= 0 Then
Text11.Text = 3
Else
If Check1.Value = 0 And Check2.Value = 0 And Check5.Value
= 0 Then
Text11.Text = 3
Else
If Check1.Value = 0 And Check4.Value = 0 And Check5.Value
= 0 Then
Text11.Text = 3
Else
If Check1.Value = 0 And Check4.Value = 0 And Check2.Value
= 0 Then
Text11.Text = 3
Else
If Check1.Value = 0 And Check5.Value = 0 And Check4.Value
= 0 Then
Text11.Text = 3
Else
If Check1.Value = 0 And Check5.Value = 0 And Check2.Value
= 0 Then
Text11.Text = 3
```

```
Else
If Check4.Value = 0 And Check1.Value = 0 And Check2.Value
= 0 Then
Text11.Text = 3
Else
If Check4.Value = 0 And Check1.Value = 0 And Check5.Value
= 0 Then
Text11.Text = 3
Else
If Check4.Value = 0 And Check2.Value = 0 And Check5.Value
= 0 Then
Text11.Text = 3
Else
If Check4.Value = 0 And Check2.Value = 0 And Check1.Value
= 0 Then
Text11.Text = 3
Else
If Check4.Value = 0 And Check5.Value = 0 And Check1.Value
= 0 Then
Text11.Text = 3
Else
If Check4.Value = 0 And Check5.Value = 0 And Check2.Value
= 0 Then
Text11.Text = 3
Else
If Check5.Value = 0 And Check1.Value = 0 And Check2.Value
= 0 Then
Text11.Text = 3
Else
If Check5.Value = 0 And Check1.Value = 0 And Check4.Value
= 0 Then
```

```
Text11.Text = 3
Else
If Check5.Value = 0 And Check2.Value = 0 And Check4.Value
= 0 Then
Text11.Text = 3
Else
If Check5.Value = 0 And Check2.Value = 0 And Check1.Value
= 0 Then
Text11.Text = 3
Else
If Check5.Value = 0 And Check4.Value = 0 And Check1.Value
= 0 Then
Text11.Text = 3
Else
If Check5.Value = 0 And Check4.Value = 0 And Check2.Value
= 0 Then
Text11.Text = 3
Else
If Check1.Value = 0 And Check2.Value = 0 Then
Text11.Text = 2
Else
If Check1.Value = 0 And Check4.Value = 0 Then
Text11.Text = 2
Else
If Check1.Value = 0 And Check5.Value = 0 Then
Text11.Text = 2
Else
If Check2.Value = 0 And Check5.Value = 0 Then
Text11.Text = 2
Else
```

```
If Check2.Value = 0 And Check4.Value = 0 Then
Text11.Text = 2
Else
If Check2.Value = 0 And Check1.Value = 0 Then
Text11.Text = 2
Else
If Check4.Value = 0 And Check2.Value = 0 Then
Text11.Text = 2
Else

If Check4.Value = 0 And Check1.Value = 0 Then
Text11.Text = 2
Else
If Check4.Value = 0 And Check5.Value = 0 Then
Text11.Text = 2
Else
If Check5.Value = 0 And Check1.Value = 0 Then
Text11.Text = 2
Else
If Check5.Value = 0 And Check4.Value = 0 Then
Text11.Text = 2
Else
If Check5.Value = 0 And Check2.Value = 0 Then
Text11.Text = 2
Else

If Check1.Value = 0 Or Check2.Value = 0 Or Check4.Value =
0 Or Check5.Value = 0 Then
Text11.Text = 1
Else
Text11.Text = 0
End If
```



```
If Text1.Text = "" Or Text2.Text = "" Or Text9.Text = "" Or  
Text10.Text = "" Or Combo1 = "" Or Combo2.Text = ""  
Then  
MsgBox " Some Compulsary Fields are left blank!!!",  
vbExclamation, "Error"  
End If  
Text13.Text = (Text11.Text * Text12.Text) + (Text15.Text *  
Text16.Text)  
Text14.Text = Text11.Text * Text12.Text + Text15.Text *  
Text16.Text + 10  
Form5.Label57 = Text14.Text  
Form5.Label55 = Text13.Text  
Form12.Label64 = Text13.Text  
Form12.Label62 = Text14.Text  
  
End Sub
```

```
Private Sub Picture2_DblClick()  
If Check1.Value = 1 Then  
Form5.Label51 = Text16.Text  
Else  
Form5.Label51 = Text12.Text  
End If  
If Check2.Value = 1 Then  
Form5.Label52 = Text16.Text  
Else  
Form5.Label52 = Text12.Text  
End If  
If Check4.Value = 1 Then  
Form5.Label53 = Text16.Text
```

```
Else
Form5.Label53 = Text12.Text
End If
If Check5.Value = 1 Then
Form5.Label54 = Text16.Text
Else
Form5.Label54 = Text12.Text
End If
If Text1.Text = "" Or Text2.Text = "" Or Text9.Text = "" Or
Text10.Text = "" Or Combo1 = "" Or Combo2.Text = ""
Then
MsgBox " Some Compulsary Fields are left blank!!!!",
vbExclamation, "Error"
Else: Form5.Show
End If
Unload Me
End Sub
```

```
Private Sub Text2_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Text4_KeyPress(KeyAscii As Integer)
```

```
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Text6_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Text8_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Text9_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
End Sub
```

JOURNEY DETAILS/PASSENGER DETAILS

(FORM 5)

Please Check Details and Fill Payment Information.

Indian Railway Reservation

A System of Online Railway Reservation Tickets Booking

Journey Details					
Train No./Name:	From Station:	Journey Date:	To Station:	Class:	Quota:
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]

S.No.	Name	Age	Gender	Birth Preference	Senior Citizen	Fare
1	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]

Availability Details		Fare Details	
Availability:	[Redacted]	Ticket Fare:	[Redacted]
		Service Charge:	Rs 10
		Total Fare:	[Redacted]

Payment Option	
<input checked="" type="radio"/> Debit Card	<input type="radio"/> Credit Card
Select Bank:	
[Redacted]	

Back Make Payment Replan

```
Dim X, Y As Integer  
Dim rs As New ADODB.Recordset  
Dim rs1 As New ADODB.Recordset  
Dim rs2 As New ADODB.Recordset  
Dim con As New ADODB.Connection
```

```
Private Sub Combo1_Change()  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
If Not (KeyAscii >= Asc("a") And KeyAscii <= Asc("z") Or  
(KeyAscii >= Asc("A") And KeyAscii <= Asc("Z")) Or  
KeyAscii = Asc(vbBack))) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Command1_Click()  
Form3.Show  
Unload Me  
End Sub
```

```
Private Sub Command2_Click()
```

```
rs.Open "select * from delhi where Source=''' & Label13 & '''  
and Destination=''' & Label24 & '''', con, adOpenDynamic,  
adLockOptimistic, adCmdText  
Set Text1.DataSource = rs  
Set Text2.DataSource = rs
```

```
Text1.DataField = "Seat No"
Text2.DataField = "Coach No"
rs.Close
Form11.Label27 = Text1.Text
Form12.Label21 = Text2.Text
Form11.Label21 = Text2.Text
Form12.Label27(0) = Text1.Text

If Combo1.Text = "HDFC Bank" Then
Form10.Show
End If
If Combo1.Text = "Punjab National Bank" Then
Form7.Show
End If
If Combo1.Text = "Axis Bank" Then
form8.Show
End If
If Combo1.Text = "SBI Bank" Then
Form9.Show
End If
Form7.Label11 = Label57
form8.Label11 = Label57
Form9.Label11 = Label57
Form10.Label11 = Label57
Form11.Label17 = Label57
Form11.Label32 = Label45
Form11.Label33 = Label41
Form11.Label34 = Label37
Form11.Label35 = Label33
Form12.Label62 = Label57
Unload Me
```

End Sub

Private Sub Command3_Click()

Form3.Combo1.Text = " "

Form3.Combo2.Text = " "

Form3.Combo4.Text = " "

Form3.Text1.Text = " "

Form3.Text2.Text = " "

Form3.Combo3.Text = " "

Form2.Text1.Text = ""

Form2.Text2.Text = ""

Form2.Text3.Text = ""

Form2.Text4.Text = ""

Form2.Text5.Text = ""

Form2.Text6.Text = ""

Form2.Text7.Text = ""

Form2.Text8.Text = ""

Form2.Combo1.Text = ""

Form2.Combo2.Text = ""

Form2.Combo3.Text = ""

Form2.Combo4.Text = ""

Form2.Combo5.Text = ""

Form2.Combo6.Text = ""

Form2.Combo7.Text = ""

Form2.Combo8.Text = ""

Form2.Label3 = ""

Form2.Label5 = ""

Form2.Label7 = ""

```
Form2.Label9 = ""
Form2.Label11 = ""
Label20 = ""
Label22 = ""
Label21 = ""
Label24 = ""
Label13 = ""
Form3.Show
Unload Me
End Sub
```

```
Private Sub Form_Load()
Set con = New ADODB.Connection
con.Provider = "Microsoft.Jet.OLEDB.4.0"
con.ConnectionString = "Data Source=" & App.Path &
"\Database2.mdb"
con.Open
rs.Open "select distinct Source from delhi", con,
adOpenDynamic, adLockOptimistic, adCmdText
rs.Close
End Sub
```

PAYMENT FROM PNB

(FORM 7)

Punjab National Bank

punjab national bank
...the name you can BANK upon !

Transection fee: .00

Card No.:

Card Expiry Date: 12/6/2017

Name Card Holder:

CVV No.

Mobile No. 

Pin:

Proceed Cancel

```
Private Sub Command1_Click()
If Text2.Text = "" Or Text3.Text = "" Or Text4.Text = "" Or
Text5.Text = "" Or Text6.Text = "" Or Text7.Text = "" Or
Text9.Text = "" Then
MsgBox "Some fields are Missing ", vbExclamation, "Error"
Text2.SetFocus
Else:
Form11.Show
Unload Me
End If
End Sub
```

Private Sub Command2_Click()

Form5.Show

Unload Me

End Sub

Private Sub Text2_KeyPress(KeyAscii As Integer)

If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9")) Or
KeyAscii = Asc(vbBack)) Then

KeyAscii = 0

End If

End Sub

Private Sub Text3_KeyPress(KeyAscii As Integer)

If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9")) Or
KeyAscii = Asc(vbBack)) Then

KeyAscii = 0

End If

End Sub

```
Private Sub Text4_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Text5_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Text7_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Text8_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Text9_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Timer1_Timer()
If (Label9.Left + Label9.Width) <= 0 Then
Label9.Left = Me.Width
End If
```

```
Label9.Left = Label9.Left - 25
End Sub
```

PAYMENT BY AXIS BANK
(FORM 8)

Axis Bank

AXIS BANK

Transection fee:

Card No.:

Card Expiry Date:

Name Card Holder:

CVV No.

Mobile No.

Pin:



AXIS BANK **Proceed** **Cancel** **AXIS BANK**

```
Private Sub Command1_Click()
If Text2.Text = "" Or Text3.Text = "" Or Text4.Text = "" Or
Text5.Text = "" Or Text6.Text = "" Or Text7.Text = "" Or
Text9.Text = "" Then
MsgBox "Some fields are Missing ", vbExclamation, "Error"
Text2.SetFocus
Else: Form11.Show
Unload Me
End If
End Sub

Private Sub Command2_Click()
Form5.Show
Unload Me
End Sub
```

```
Private Sub Text2_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Text3_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Text4_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Text5_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Text7_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Text8_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

```
Private Sub Text9_KeyPress(KeyAscii As Integer)
```

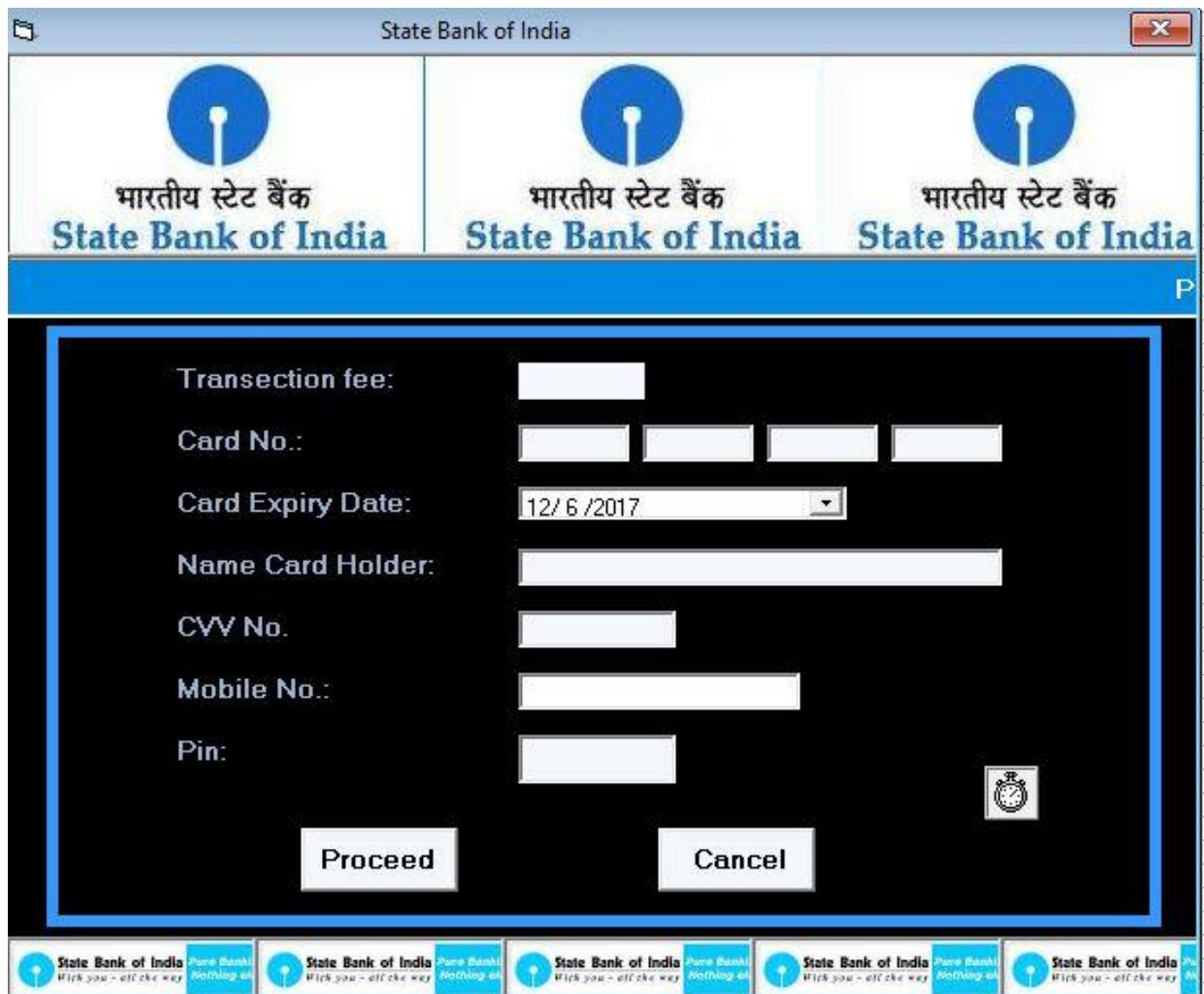
```
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Timer1_Timer()  
If (Label9.Left + Label9.Width) <= 0 Then  
    Label9.Left = Me.Width  
End If
```

```
    Label9.Left = Label9.Left - 25  
End Sub
```

PAYMENT BY SBI BANK

(FORM 9)



Private Sub Command1_Click()

```
If Text2.Text = "" Or Text3.Text = "" Or Text4.Text = "" Or  
Text5.Text = "" Or Text6.Text = "" Or Text7.Text = "" Or  
Text9.Text = "" Then  
MsgBox "Some fields are Missing ", vbExclamation, "Error"  
Text2.SetFocus  
Else: Form11.Show  
Unload Me  
End If  
End Sub
```

```
Private Sub Command2_Click()  
Form5.Show  
Unload Me  
End Sub
```

```
Private Sub Timer1_Timer()  
If (Label9(1).Left + Label9(1).Width) <= 0 Then  
    Label9(1).Left = Me.Width  
End If  
  
    Label9(1).Left = Label9(1).Left - 25  
End Sub
```

```
Private Sub Text2_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
End Sub  
Private Sub Text3_KeyPress(KeyAscii As Integer)
```

```
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Text4_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Text5_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Text7_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
End Sub
```

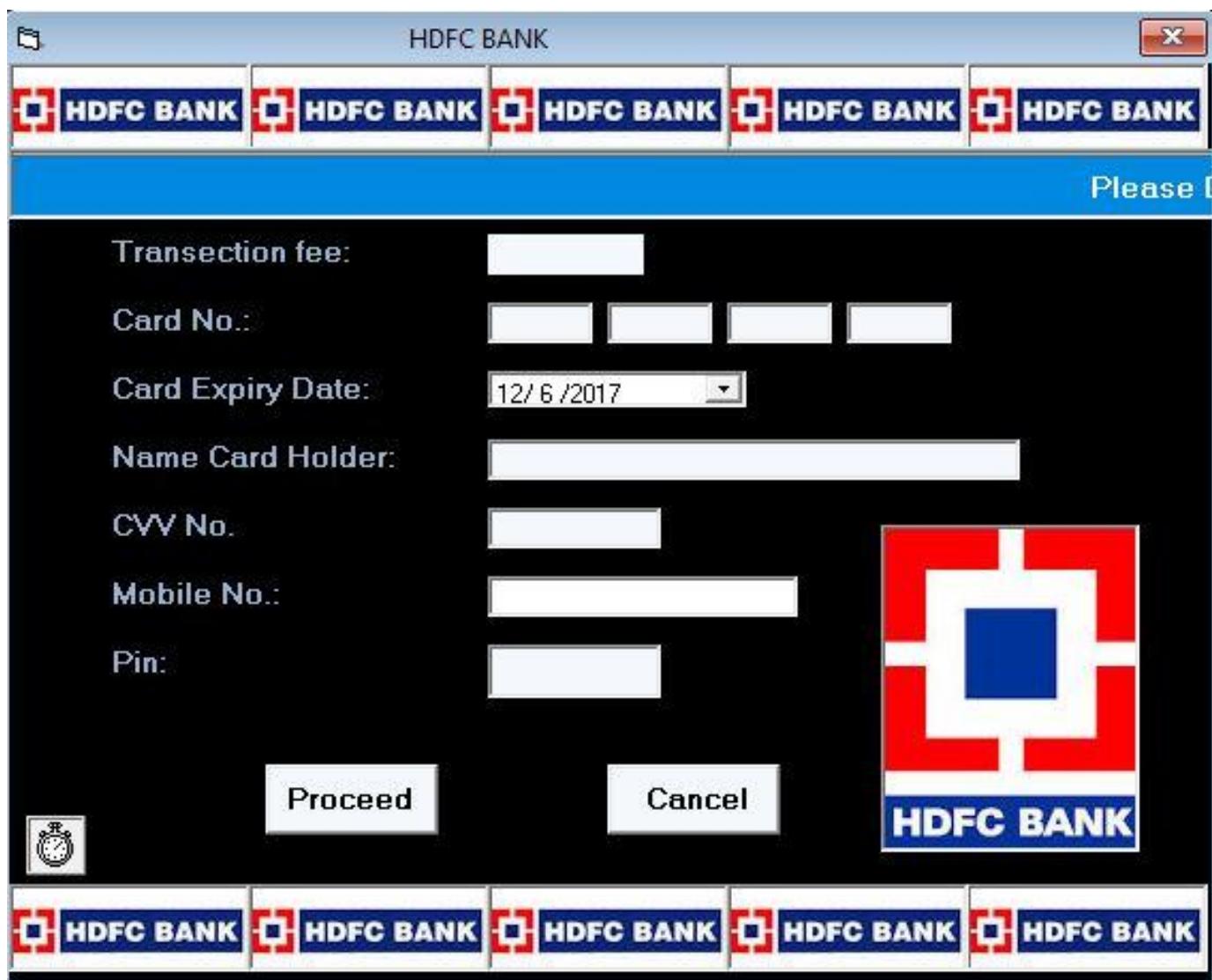
```
Private Sub Text8_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0
```

End If
End Sub

```
Private Sub Text9_KeyPress(KeyAscii As Integer)
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or
KeyAscii = Asc(vbBack)) Then
KeyAscii = 0
End If
End Sub
```

PAYMENT BY HDFC BANK

(FORM 10)



Private Sub Command1_Click()

```
If Text2.Text = "" Or Text3.Text = "" Or Text4.Text = "" Or  
Text5.Text = "" Or Text6.Text = "" Or Text7.Text = "" Or  
Text1.Text = "" Or Text9.Text = "" Then  
MsgBox "Some fields are Missing ", vbExclamation, "Error"  
Text2.SetFocus  
Else:  
    Form11.Show  
Unload Me  
End If  
End Sub  
Private Sub Command2_Click()
```

```
Form5.Show  
Unload Me  
End Sub
```

```
Private Sub Text2_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
    KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Text3_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
    KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Text4_KeyPress(KeyAscii As Integer)
```

```
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Text5_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Text7_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Text8_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub Text9_KeyPress(KeyAscii As Integer)  
If Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") Or  
KeyAscii = Asc(vbBack)) Then
```

KeyAscii = 0

End If

End Sub

Private Sub Timer1_Timer()

If (Label9.Left + Label9.Width) <= 0 Then

Label9.Left = Me.Width

End If

Label9.Left = Label9.Left - 25

End Sub

CONFIRM FORM

(FORM 11)

Generated Railway Reservation Ticket

Indian Railway Reservation

A System of Online Railway Reservation Tickets Booking

Congratulation!

You have successfully booked a ticket. Please print the ERS and e-tickets.

Ticket Reservation			
PNR No.:		Train Name:	
Date of Journey:		Class:	
From:		To:	
		Coach No.:	
		Total fare:	Rs

Passenger Details				
S.No.	Name	Age	Sex	Senior Citizen
1				

Confirm **Cancel**

Private Sub Command1_Click()
Form12.Show

**Unload Me
End Sub**

**Private Sub Command2_Click()
MDIForm1.Show
Me.Hide**

End Sub

**Private Sub Timer1_Timer()
If (Label1.Left + Label1.Width) <= 0 Then
 Label1.Left = Me.Width
End If**

**Label1.Left = Label1.Left - 25
End Sub**

E-TICKET OF INDIAN RAILWAY RESERVATION SYSTEM

(FORM 12)

Printed Reservation Form



Exit



IRR E-Ticketing Service Electronic Reservation Slip(Personal User)



This Ticket will only be valid along with an ID Proof in original. If found travelling without ID Proof, Passenger will be treated as without ticket and charged as per extant Railway rules.

Transaction ID: 12200297	PNR No.: 180201630	Train No.-Name: Alleppy Chennai Exp.		
Date of Journey: 12/6/2017	Class: 3A	Seat No.: 35		
From: Alleppey	To: Chennai Central	Coach No.: S5		
Passenger Mobile No.: 8533079043				
Passenger Address: RAMNAGAR				
Fare Details:	Ticket Fare IRR Service Charge Total Fare	1100 Rs 10 1110		
Passenger Details:				
S.No.	Name	Age	Sex	Booking Status
1	PRAKHAR	22	Male	Confirm(CNF)
<input type="button" value="Print"/> <input type="button" value="Cancel"/>				
This Ticket is booked on a personal user ID and Cannot be sold by an agent. If bought from an agent by any individual, it is at his/her own risk.				

```
Private Sub Command1_Click()
Dim BeginPage, EndPage, NumCopies, Orientation, i
    ' Set Cancel to True.
CommonDialog1.CancelError = True
On Error GoTo ErrHandler
    ' Display the Print dialog box.
CommonDialog1.ShowPrinter
    ' Get user-selected values from the dialog box.
BeginPage = CommonDialog1.FromPage
EndPage = CommonDialog1.ToPage
NumCopies = CommonDialog1.Copies
Orientation = CommonDialog1.Orientation
For i = 1 To NumCopies
    ' Put code here to send data to your printer.
Next
Exit Sub
ErrHandler:
    ' User pressed Cancel button.
Exit Sub
End Sub
```

```
Private Sub Command2_Click()
Unload Me

End Sub
```

```
Private Sub Label5_Click()
Unload Me
Dialog.Show
End Sub
```

THANKS DIALOG FORM

Thank You For Using The " Railway Reservation system" Project

X



Created by...

PRAKHAR AGRAWAL - BCA Vth SEM (2015-18)

TESTING

*** TESTING ***

SOFTWARE TESTING FUNDAMENTALS:

Testing presents an interesting anomaly for the software engineer. Earlier in the software process, the engineer attempts to build software from an abstract concept to a tangible implementation. Now comes testing. The engineer creates a series of test cases that are intended to “demolish” the software that has been built.

Testing requires that the developer discard preconceived notions of the “correctness” of software just develop and overcome a conflict of interest that occurs when errors are uncovered.

Testing Objectives:-

- There are number of rules that can serve well as testing intent of finding an error
- A good test case is one that has a high probability of finding an as-yet undiscovered error.
- A successful test is one that uncovers an as –yet undiscovered error.

Testing principles

Before applying methods to design effective test cases, a software engineer must understand the basic principle that guide software testing. There is a set of testing principles:

- All tests should be traceable to organization/ customer requirements.
- Tests should be planned long before testing begins.

- The Pareto principle applies to software testing stated simply, the Pareto principle implies that 80% of all errors uncovered during testing will likely be traceable to 20% of all program modules.
- Testing should begin “in the small” and progress towards testing “in the large”.
- Exhaustive testing is not possible.
- To be more effective, testing should be conducted by an independent third party.

Test Case Design

Any engineered product (and most other things) can be tested in one of the two ways:

- Black Box Testing
- White Box Testing

Black box testing:

Black box testing, focuses on the functional requirements of the software. That is, black box testing enables the software engineer to derive sets of input conditions that will fully exercise all functional requirements for a program. Black box testing is not an alternative to white box testing. Rather, it is a complimentary approach that is likely to uncover a different class of errors than white box methods.

Black box testing attempts to find errors in the following categories:

1. Incorrect or missing functions.
2. Interface errors.

3. Errors in data structures or external database access.
4. performance errors

Unlike white box testing, which is performed early in the testing process, black box testing tends to be applied during later stages of testing. Because black box testing purposely disregards control structure, attention is focused on the information domain.

Tests are designed to answer the following questions:

- How is functional validity tested?
- What classes of input make good test cases?
- Is the system particularly sensitive to certain input values?
- How are the boundaries of data class isolated?
- What data rates and data volume can the system tolerate?
- What effect will specific combinations of data have on system operation?

By applying black box techniques we derive a set of test cases that satisfy the following criteria:

- Test cases that reduce, by a count that is greater than one, the number of additional test cases that must be designed to achieve reasonable testing, and
- Test cases that tell us something about the presence or absence of classes of errors, rather than the errors associated only with the specific test at hand.

White Box Testing:

White-box testing, sometimes called glass-box testing, is a test case design methods that uses the control structure of the procedural design to derive test

cases. Using white-box testing methods, the software engineer can derive test cases that:

- Guarantee that all independent paths within a module have been exercised at least once.
- Exercise all logical decisions on their true and false sides.
- Execute all loops at their boundaries and within their operational bounds.

The following tests were successfully conducted:-

- The first test was carried out to see whether on clicking the main menu the same is loaded.
- Whether the input form contains valid data type.
- When the user selects the status and category of employee options if only one choice is selected or more for both choice list.
- Whether on pressing the submit button, the records is not updated to more then one time?
- Whether the displaying of records, all records of employee are shown.
- Whether on pressing the show button once, the user could change the record or not?
- If primary key are working his boundaries or not

PROGRAM TESTING:

A program represents the logical elements of a system. For a program to run satisfactorily, it must compile and test data correctly and tie in properly with other program. Program testing checks for two types of errors: syntax and logical. A syntax error is a program statement that violates one or more rules of the language in which it is written. These errors are shown through error

messages generated by the computer. A logical error deals with incorrect data fields, output of range items and invalid combinations. The programs are checked for syntax and codes are carefully written and each logical path is traced during the testing for avoiding the logical errors. No error is left for correction.

GUI TESTING:

Graphical User Interface is much common for today's software because of reusable components provides as part of GUI development environment, the creation of user interface has become less time consuming and more precise. So, it is necessary to check the operation of all GUI based components for example can window open close properly, can window be resized, moved, scrolled properly, can menus, tool bars, buttons, icons and other controls are displayed properly etc.

VALIDATION CHECKS:

Software validation is achieved through a series of tests that demonstrate conformity with requirements. A test plan outline the classes of tests to be conducted, and a test procedure defines specific test cases that will be used in an attempt to uncover errors in conformity with requirements. Verification refers to the set of activities that ensure that software correctly implemented a specific function.⁸⁹

A validation check plays an important role in software testing, because these checks prevent software from invalid and incorrect input that is given by user. Whenever these checks encounter with invalid or incorrect input, the error message is displayed on the screen and request for correct arguments.

*** MAINTENANCE ***

Maintenance include the modification of existing applications to correct errors and bugs, improve the performance or even adapt to changed environment. The service can be extended to include change requests from clients dealing with enhancements and refinements.

As part of the services the responsibility is keeping applications reliable and available on a continuous basis. This eases the key challenge of running existing applications, providing code maintenance and performance management. The maintenance model used for this service consists of the following phases and activities:

The coding phase affects both testing and maintenance profoundly. As we saw earlier, the time spend in coding is the small percentage of the total software cost, while testing and maintenance consume the major percentage. Thus, it should be clear that the goal during should not be to reduce the implementation cost, but the goal should be to reduce the cost of later phases, even if it means that the cost of this phase has to increase.

*** SECURITY OF THE SYSTEM ***

System security refers to the technical & procedures applied to the hardware & operating system to protect against deliberate or accidental damage from a defined threat.

DATA SECURITY:

Data security is the protection of data from loss, disclosure, modification & destruction. The organization that depends heavily on the use of database requires special control to maintain valuable information. These controls are classified into three general categories:

- Physical Security - Protection from fire, flood.
- Data validation techniques necessary for the database integrity.
- The common control measures are carried out through password, encryption & monitor users on a regular basis.

*** FUTURE SCOPE ***

As far as we concern with the future aspect of this project, the scope of the project remains always continue in the future and further development as we undergoes our studies. I hope that through this small project of **“ONLINE RAILWAY RESERVATION SYSTEM”** is very helpful.

Future enhancement in the project can be done as follow:

- This project can work on stand alone pc. It means it is for stand alone ORRS but -
- In future it can be extend for network computers by adding ADO database connectivity to the visual basic.
- Search option can be added that facilities more ease to project.
- Some restriction aspect like restrict one to issue certain number or kind of book
- It can be made more wonderful by updating it a little bit in future
- Addition for report and other query services

*** CONCLUSION ***

This project work is highly important for me, as this project has given me a great experience. My aim of developing this project is to have an understanding about the “**ONLINE RAILWAY RESERVATION SYSTEM**” and visual basic 6.0 and to get well acquainted with the efforts and hard work that is required for developing a project. The output of this project is the forms, reports and views which have been developed for the end user which will provide all the relevant details. This project is very flexible and it can be modified if the need arises. We hope that the user will find this project work quite pleasing in its functionality. We are sure that the users of this project will like our effort.

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**THANKING
YOU**