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GROUP

Airplane Ticket Management System

Database Planning

We will divide our Airplane Ticket Management System into Following Sections.

Mission Objectives:

“The purpose of Airplane Ticket Management System is to allow stake-holders to easily pre-book flight tickets towards their destination and at time of their choice, they will be able to pre-plan there whole flight plan from meal selection to car-services at the departure terminal. The system will manage a user profile with the history of their reserved flights and in-depth budget details of the selections. System will auto-evaluate airplanes from passenger feedbacks and air customer support.”

Mission Objective of Database:

- To maintain (Enter, Update and Delete) data on Terminals
- To maintain (Enter, Update and Delete) data on Passengers
- To maintain (Enter, Update and Delete) data on Plane Customer Service Providers
- To maintain (Enter, Update and Delete) data on Bookings
- To maintain (Enter, Update and Delete) data on Finance
- To maintain (Enter, Update and Delete) data on Planes
- To maintain (Enter, Update and Delete) data on Available Seats
- To maintain (Enter, Update and Delete) data on Reserved / Booked Seats
- To maintain (Enter, Update and Delete) data on Cab Service
- To maintain (Enter, Update and Delete) data on Drivers
- To maintain (Enter, Update and Delete) data on Meals
- To maintain (Enter, Update and Delete) data on Feedback

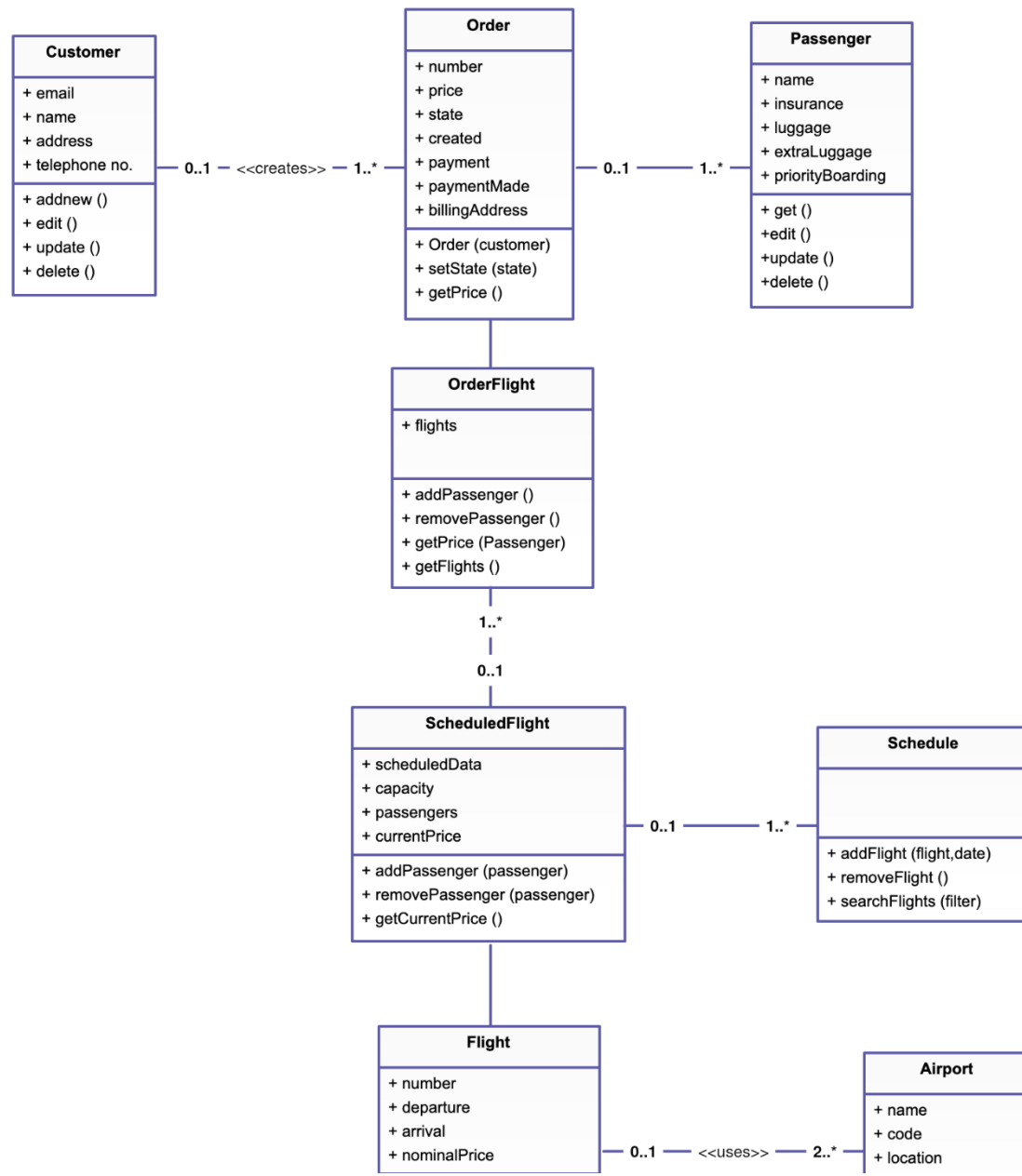
- To Search on Routes
- To Search on Airplane Companies

- To Search on Cabs
- To Search on Terminals
- To Search on Airplane Customer Service Providers

- To track on Airplane
- To track on Reserved / Booked Seat
- To track on Available Seats
- To track on Reserved /Booked Seats

- To report on Airplane
- To report data on Customer Service Providers
- To report on Reservations
- To report on Cab Service
- To report on Terminal
- To report on Drivers

PROJECT ERD:




MUHAMMAD ADIL MEHMOOD (SP19-BCS-014) AND AYESHA LATIF (SP19-BCS-030)

OBJECTIVE:

We will be designing and developing panels for user and company profile management, these will further include edit profile sections, recent history of user interactions and also the main page with all the profile with recent bookings or planes listed there

USER INTERFACES:




Zulfikar Gujar
zulfikargujar@support.com

- Profile
- Recent Activity 3
- Edit profile


Profile Management

Bio Graph

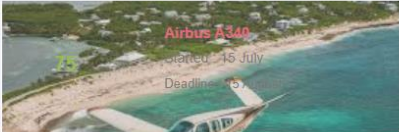
First Name	: Zulfikar	Last Name	: Gujar
Country	: Chichawatni	Birthday	: 13 July 1983
Occupation	: Frontend Designer	Email	: zulfikargujar@support.com
Mobile	: (+92) 0456789023	Phone	: (+92) 0456789023




Airbus A380-800
Started : 15 July
Deadline : 15 August



Boeing 747-8
Started : 15 July
Deadline : 15 August






Airbus A340
Started : 15 July
Deadline : 15 August



Boeing 777-200
Started : 15 July
Deadline : 15 August



Zulfikar Gujar
zulfikargujar@support.com

-  Profile
-  Recent Activity 3
-  Edit profile

Full Name
John Smith

Username
johnny.s

Email
user@example.com

About
My Bio

Change Password

Current Password


New Password

Confirm Password

Save Changes




Zulfikar Gujjar
zulfikargujjar@support.com

 Profile

 Recent Activity 3

 Edit profile


Profile Management

S

Sam Kuran

For what reason would it be advisable for me to think about business content?


13/12/18

K

Kinley Adoff

For what reason would it be advisable for me to think about business content?


21 July

H

Velden Kamut

For what reason would it be advisable for me to think about business content?


13/3/19

F

Stuart Kim

For what reason would it be advisable for me to think about business content?

03/1/19

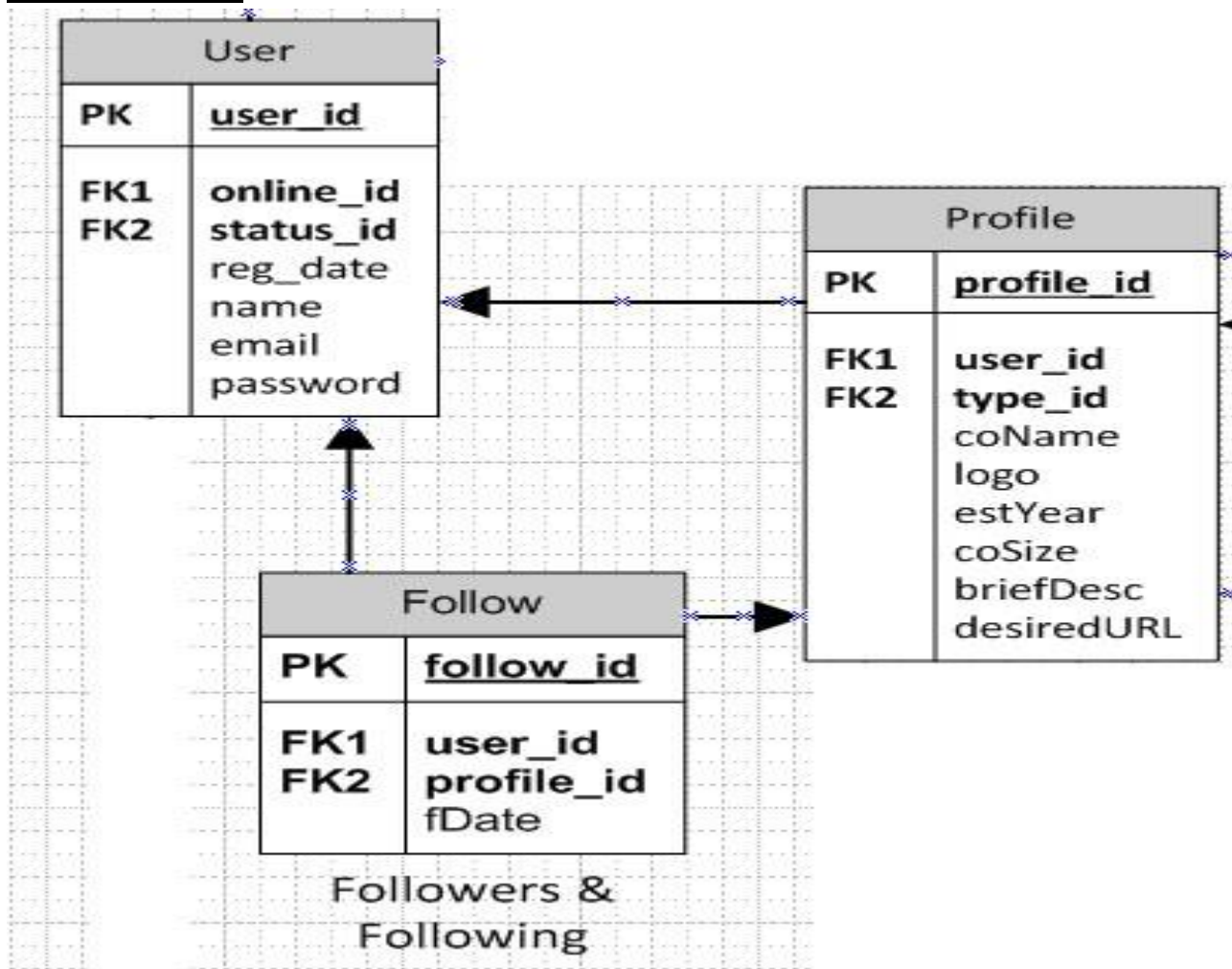
S

Simply Fry

For what reason would it be advisable for me to think about business content?

2 hours ago

ERD DIAGRAM:



Reviewed by:

Comments:

SYED HUZAIFA ABID (SP19-BCS-025) AND HAMZA MUSHTAQ (SP19-BCS-007)

OBJECTIVE:

- **Attractive interface (UI):**

Our main objective is to create an attractive and eye-catching interface for our user. An attractive interface compels user to stay for longer time.

- **To connect interface with database.**

Our next objective after UI design is to connect interface with database through JDBC (Java Database Connectivity).

- **To maintain integrity**

Integrity is the most vital part of any application. Our main focus would be secure our clients data and access restriction according to role of user.

- **To convey a complete ethical conduct of application.**

We will ensure our product will totally be used in ethical way and no illegal or mischievous activities are being conducted by our platform.

- **To provide a vivid view**

The view of login will be portraying a complete image on the client. The design will be clear.

- **Maintaining reliability**

We will ensure to maintain reliability of service to customer at a level above 99%.

Time Required:

Time required for development of this module is approximately **30 days** based on both volume of work and complexity.

SIGNUP AS

- **USER**

-userName Primary Key (Contains Alphabets, Numbers,(.) and (_))

-password (Must contain atleast 8 alphanumeric characters)

-fullName (Only alphabets)

-fatherName (Only alphabets)

-phNumber Unique Key (Only Numbers and (+))

-email Unique Key (Alphanumeric characters)

-dateOfBirth (Numbers and (-))

-gender (Male, Female and others)

-address (Alpha Numeric)

-city (Alphabets)

-country (Alphabets)

- AIRLINE COMPANY

-userName Primary Key (Contains Alphabets, Numbers,(.) and (_))

-password (Must contain atleast 8 alphanumeric characters)

-companyName (Only alphabets)

-phone Unique Key (Only Numbers and (+))

-email Unique Key (Alphanumeric characters)

-address (Alpha Numeric)

USER INTERFACES:

Splash Screen: Hides after 2 seconds.



Welcome to Airplane Ticket Management
System

Sign In:

ARS

HomeFeedback

Welcome Back!

To keep connected with us please login with your personal info

SIGN UP

SIGN IN

User Name

Password

SIGN IN

[FORGOT PASSWORD?](#)

ERD DIAGRAM:

user	
userName	Varchar(50)
password	Varchar(50)
fullName	Varchar(255)
fatherName	Varchar(255)
phNumber	Varchar(255)
Email	Varchar(50)
dateOfBirth	date
Gender	char(1)
Address	Varchar(255)
City	Varchar(20)
Country	Varchar(20)

airlineCompany	
Username	Varchar(255)
Password	Varchar(50)
companyName	Varchar(50)
Phone	Varchar(255)
Email	Varchar(20)
Address	Varchar(255)

Reviewed by:

MUHAMMAD ADIL MEHMOOD (SP19-BCS-014)

Comments:

Objectives are added, prototype images are present, ERD diagrams present

ADNAN KHURSHID (SP19-BCS-029) AND Zulkifil Rehman (SP19-BCS-027)

OBJECTIVE:

Mission hope page

Time duration 3 months

Problem in task

First we will learn java then oop then swing framework of java afterwards we will apply the given knowledge.

Primary mission

Main mission of homepage is to book ticket and get additional info such as

- Departing time and date
- Arriving time and date

Secondary mission

1. User can surf and see best deals on airline tickets that are available.
2. View top airlines
3. Email form
4. Client reviews
5. Methods of payment.

Objectives

1. We will design a UI search bar that displays airplane ticket details .store the details in mysql and design it in html css,php .
2. Add logo
3. Add menu
4. Add email form and store data in msql library .

Prototype

Flight (home page)

1 st section

It would contain a simple flight search option . Which can contain flight from ,flight to ,departure ,returning .Here I have attached an example .

USER INTERFACES:

Airline reviews

[See all](#)



American Airlines



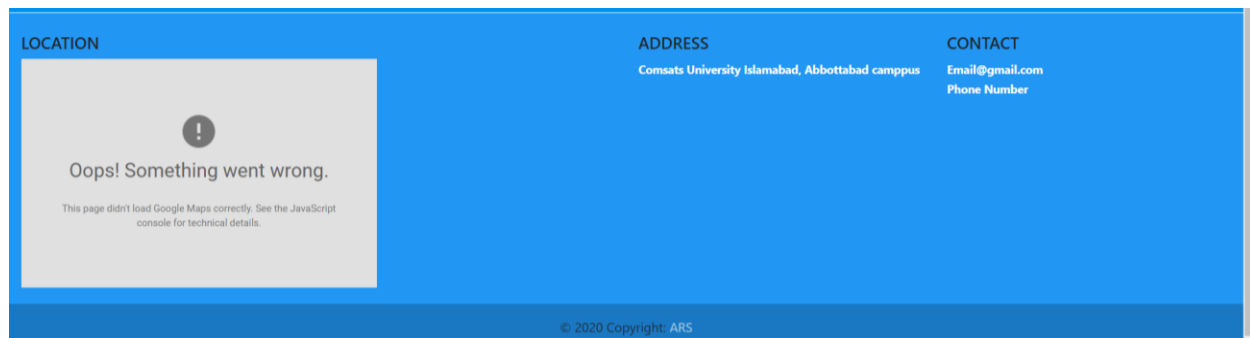
Delta Air Lines



United Airlines

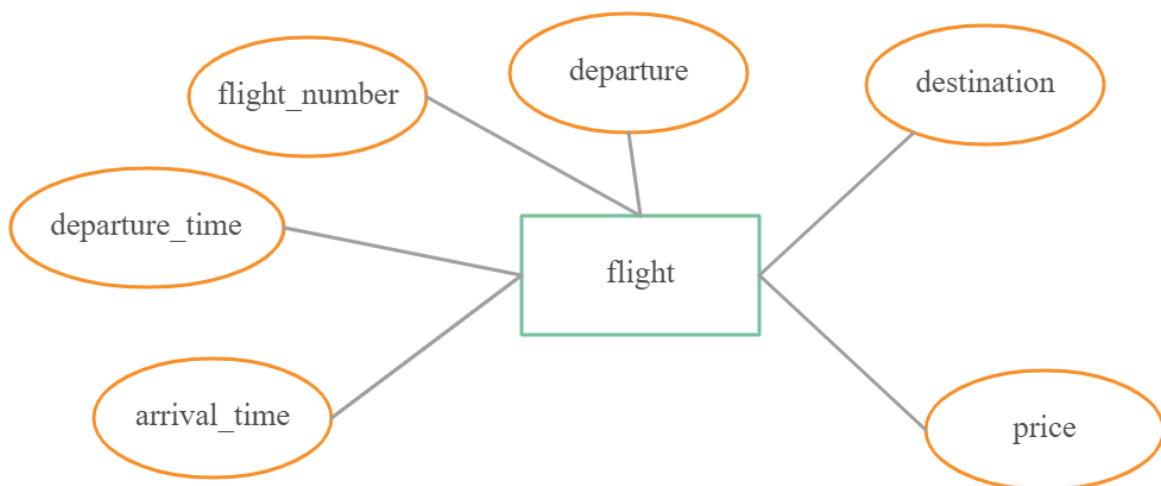


JetBlue



ERD DIAGRAM:

Flight	
Arrival_time	Varchar(50)
Departure_time	Varchar(50)
Price	Varchar(255)
Flight_number	Varchar(255)
Destination	Varchar(255)
Departure	Varchar(50)
Arrival	Varchar(50)



Reviewed by:

MUHAMMAD ADIL MEHMOOD (SP19-BCS-014)

Comments:

Objectives are added, prototype images are present, ERD diagrams present

ABDULLAH JAVED SP19-BCS-002 AND SAIF UR REHMAN (SP19-BCS-021)

OBJECTIVE:

Forms are used in at least three places in the application to fetch the data from the user. the code snippet of feedback form that's embedded in" Contact Us" page. The feedback form is declared and the fields are defined.

A small form called Feedback Form can be found in the "Contact Us" page. The users can send in their feedbacks to the company using this form. The form contains five fields where the users can enter their name, email address, service quality, rate out of five stars and message. The data from Feedback Form after sending is saved into company's database. Below shows the view of Feedback Form.

Contact us

Feedback form

Your name

Email address

Services quality (tick one of the following)

Excellent, V. Good, Good, Satisfactory

Rate out of five stars

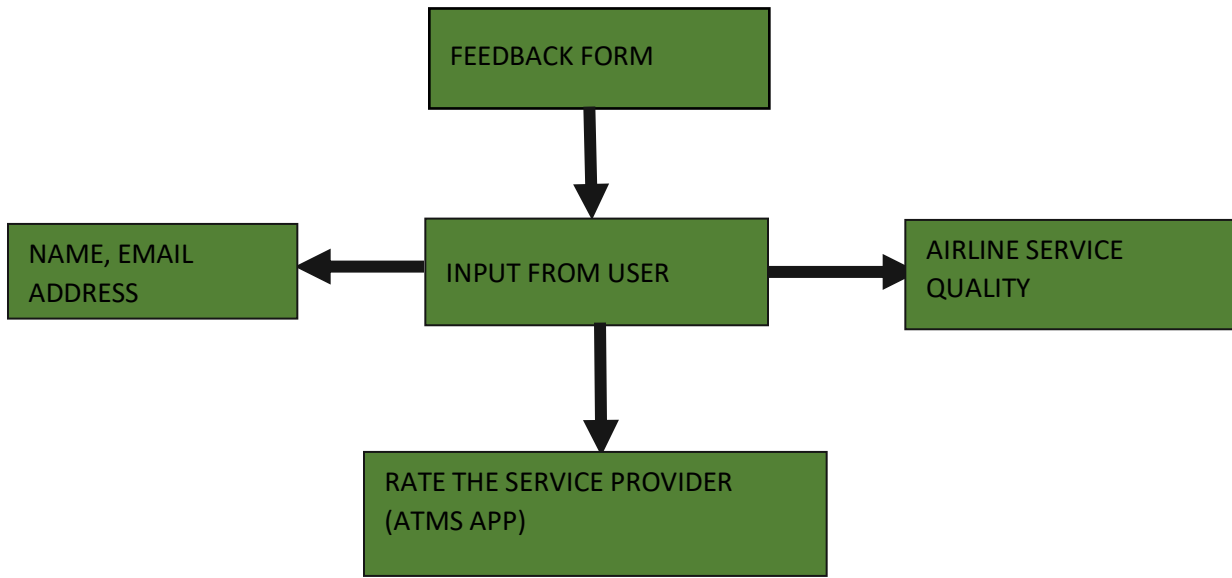
Your Message

USER INTERFACES:

The image shows a Java Swing window titled "FEEDBACK FORM". The window has a light green background. At the top, there is a title bar with three tabs: "Start Page", "FEEDBACKFORM.java", and "FEEDBACK.java". Below the title bar is a menu bar with "Source", "Design", and "History". The main content area is a light green rectangle. Inside this rectangle, there is a black-bordered box containing the text "FEEDBACK FORM" in bold blue letters. Below this box, there are five labels and their corresponding input fields: "YOUR NAME:" followed by a white text box, "EMAIL ADDRESS:" followed by a white text box, "PHONE NO:" followed by a white text box, "ADDRESS:" followed by a white text box, and "MESSAGE:" followed by a larger white text area. In the bottom right corner of the green area, there is a grey button labeled "Submit". The window has a standard Mac OS X-style title bar with red, yellow, and green buttons.

ERD DIAGRAM:

FEEDBACK	
userName	Varchar(255)
phone	Varchar(255)
email	Varchar(20)
address	Varchar(255)



Reviewed by:

Comments: