**Mob No. -.> +91 - 7709373709**

**Airline Ticket Reservation System**

**Project Name – British Airways**

**Overview -**

In this project User will able to book Economy, Standard & Business class tickets & able to make payment using Debit, Credit Card .

User can book hotel room, car from airport service & also able to make payment respectively

User can also apply for Medical assistance & Baby care room on the airport.

User can also apply for job vacancies if eligible for

User is able to see Live Map.

**Technical Details –**

Backend - Java 8,11

Frontend – HTML(5), CSS, JavaScript.

Frameworks - Spring Boot, Spring MVC, Hibernate

Tag Library: - Tomcat embedded jasper 5.1.49

Server - Tomcat (9.0)

Database – MYSQL 5.0.11-beta

**Database Design**

**Schema**: -spice

**Tables**:-

Total 11 tables are required here. Below contains details of each table

**1.Login Table**

|  |  |  |
| --- | --- | --- |
| **Column name** | **Column data type** | **Constraint** |
| Username | varchar | Primary key |
| Password | varchar |  |

**2.Buisness Class**

|  |  |  |
| --- | --- | --- |
| **Column name** | **Column data type** | **Constraint** |
| Passport | Varchar | Primary key |
| First name | Varchar | - |
| Last name | Varchar | - |
| Mobile | Bigint | - |
| Email | Varchar | - |
| Age | Bigint | - |
| Nationality | Varchar | - |
| DOB | Varchar | - |

**3.Standard Class**

|  |  |  |
| --- | --- | --- |
| **Column name** | **Column data type** | **Constraint** |
| Passport | Varchar | Primary key |
| First name | Varchar | - |
| Last name | Varchar | - |
| Mobile | Bigint | - |
| Email | Varchar | - |
| Age | Bigint | - |
| Nationality | Varchar | - |
| DOB | Varchar | - |

**4.Economy Class**

|  |  |  |
| --- | --- | --- |
| **Column name** | **Column data type** | **Constraint** |
| Passport | Varchar | Primary key |
| First name | Varchar | - |
| Last name | Varchar | - |
| Mobile | Bigint | - |
| Email | Varchar | - |
| Age | Bigint | - |
| Nationality | Varchar | - |
| DOB | Varchar | - |

**5.Buisness Class Payment**

|  |  |  |
| --- | --- | --- |
| **Column name** | **Column data type** | **Constraint** |
| id | int | Primary ley |
| First name | Varchar | - |
| Card number | Varchar | - |
| Expiry | Varchar | - |
| Security no (Cvv) | int | - |

**6.Standard Class Payment**

|  |  |  |
| --- | --- | --- |
| **Column name** | **Column data type** | **Constraint** |
| id | int | Primary ley |
| First name | Varchar | - |
| Card number | Varchar | - |
| Expiry | Varchar | - |
| Security no (Cvv) | int | - |

**7.Economy Class Payment**

|  |  |  |
| --- | --- | --- |
| **Column name** | **Column data type** | **Constraint** |
| Full name | Varchar | Primary key |
| Email | Varchar | - |
| Address | Varchar | - |
| City | Varchar | - |
| State | Varchar | - |
| Zip | int | - |
| Name on Card | Varchar | - |
| Credit card no | Varchar | - |
| Exp Month | Varchar | - |
| Exp Year | Varchar | - |
| Cvv | int | - |

**8.Contact**

|  |  |  |
| --- | --- | --- |
| **Column name** | **Column data type** | **Constraint** |
| id | int | Primay Key |
| Name | Varchar | - |
| Email | Varchar | - |
| Phone no | int | - |
| Message | Varchar | - |

**9.Hotel Room Booking**

|  |  |  |
| --- | --- | --- |
| **Column name** | **Column data type** | **Constraint** |
| Passport no | Varchar | Primary key |
| Full name | Varchar | - |
| Flight no | Varchar | - |
| Date | Varchar | - |
| No of Room? | Varchar | - |
| Age | int | - |
| Free pickup | Varchar | - |
| Special request | Varchar | - |

**10.Hotel Room Payment**

|  |  |  |
| --- | --- | --- |
| **Column name** | **Column data type** | **Constraint** |
| Full name | Varchar | Primary key |
| Email | Varchar | - |
| Address | Varchar | - |
| City | Varchar | - |
| State | Varchar | - |
| Zip | int | - |
| Name on Card | Varchar | - |
| Credit card no | Varchar | - |
| Exp Month | Varchar | - |
| Exp Year | Varchar | - |
| Cvv | int | - |

**11.Careers**

|  |  |  |
| --- | --- | --- |
| **Column name** | **Column data type** | **Constraint** |
| Id | int | Primary key |
| Full name | Varchar | - |
| Email | Varchar | - |
| Message | Varchar | - |
| File | LongBlob | - |

**Modules of the System**

1. Login

2. Home

3. Service

4. About

5. Contact

6.Flights

7. Video

8. Our Team

9. We Serve

10.Carrers

11.Signout

**1.Login**

User need to login by providing details like

username and password.

Data should be validated before storing it in database.

**2.Home**

User will enter into system by providing username and password . If user has

provided correct credentials , user will be shown appropriate page .

now,User will ablw to do further actions such as ticket booking,watching Live map,browsing vacancies etc.

**3.Service**

User will able to book Hotel room,car.

User can apply for Instant Medical checkup also for Baby care room.

**4.About**

**5.Contact**

User can able to contact to British Airways via filling certain details.

Accordingly user will get notification respectively

**6.Flight**

Here,User can book **Economy ,Standard , Buisness** Class ticket as per user’s need.

Also, Can make Payment via Credit , Debit Card etc.

Accordingly notification will be recive to user.

**7.Our Team**

User can easily access team members and also can contact with them.

**8.We Serve**

User can see Live Map here

**9.Careers**

User can apply for vacancies via uploading cv/resume if eligible.