**CMPSC-363-Intro to Database Systems.**

**Final Project**

**USER MANUAL FOR:**

**AirlineManagementSystem Web Application**

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1. **Introduction**

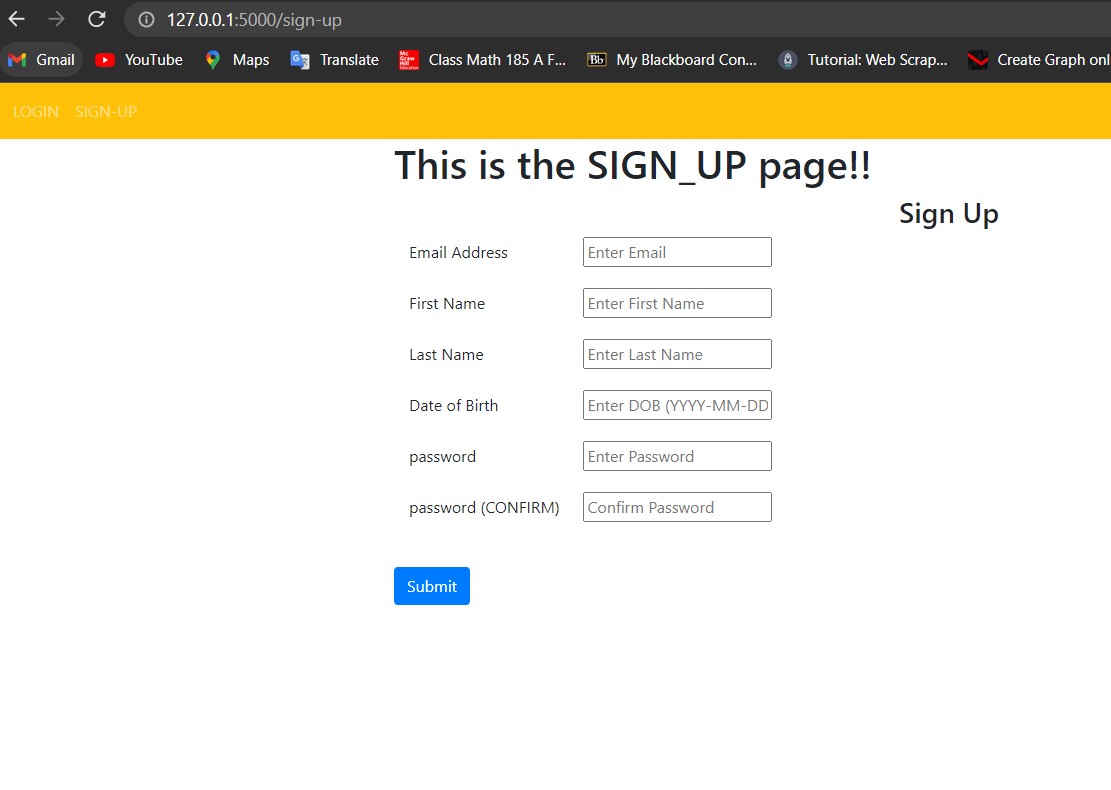
This project was made by Ismail Mikou for FINAL PROJECT for CMPSC-363.

For the Database part, I used mySQL databases.

For Backend, I used Javascript

For front End, I used Python Flask – HTML – CSS.

1. **How to Use**

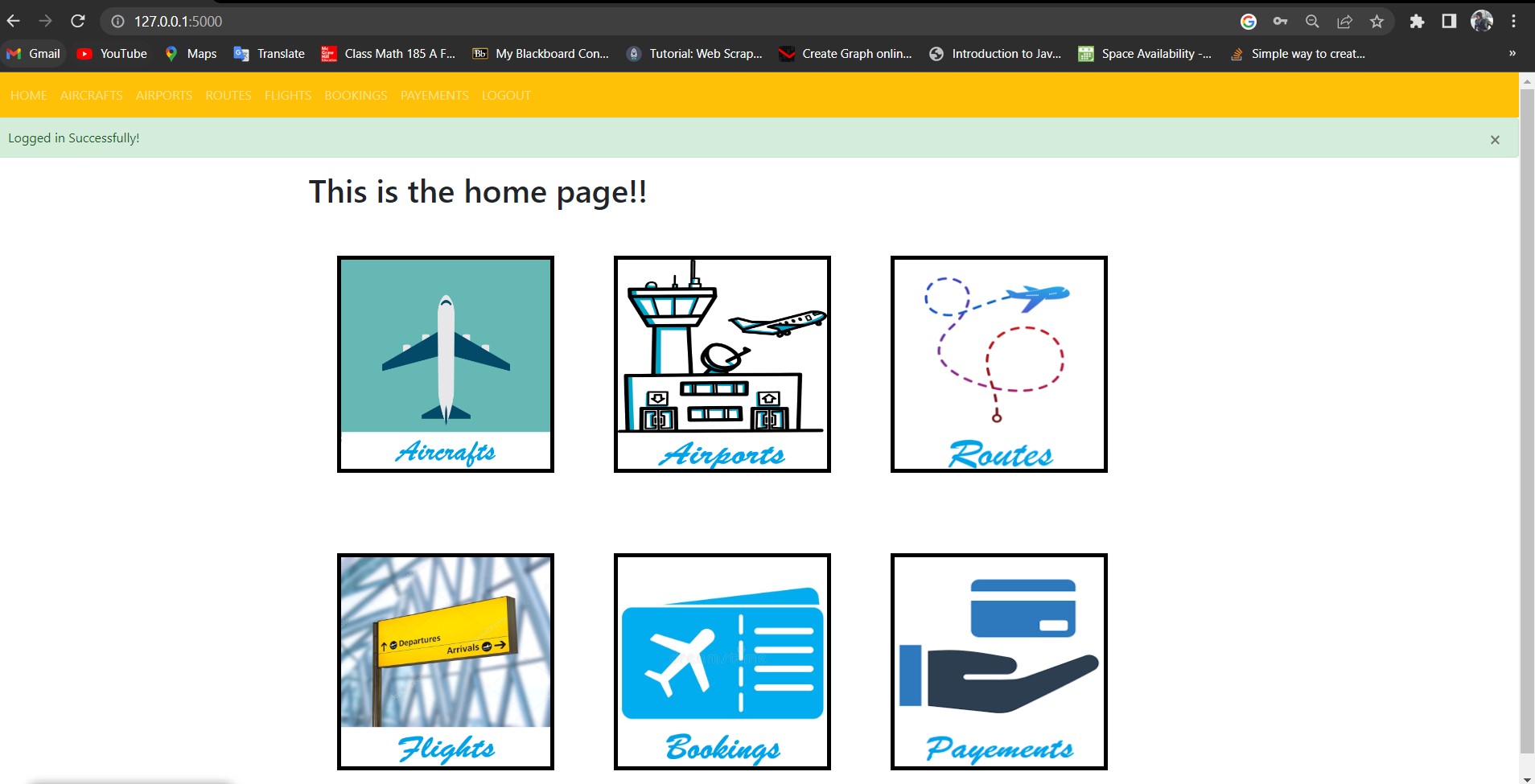
If there is not account, the user can click on SIGN-UP and create an account. The data will be saved in the airlinemanagementsystem Database, in User table. The password is encrypted before being stored. 

To sign in, simply Enter your email and password.

Here is an existing account that you can try:

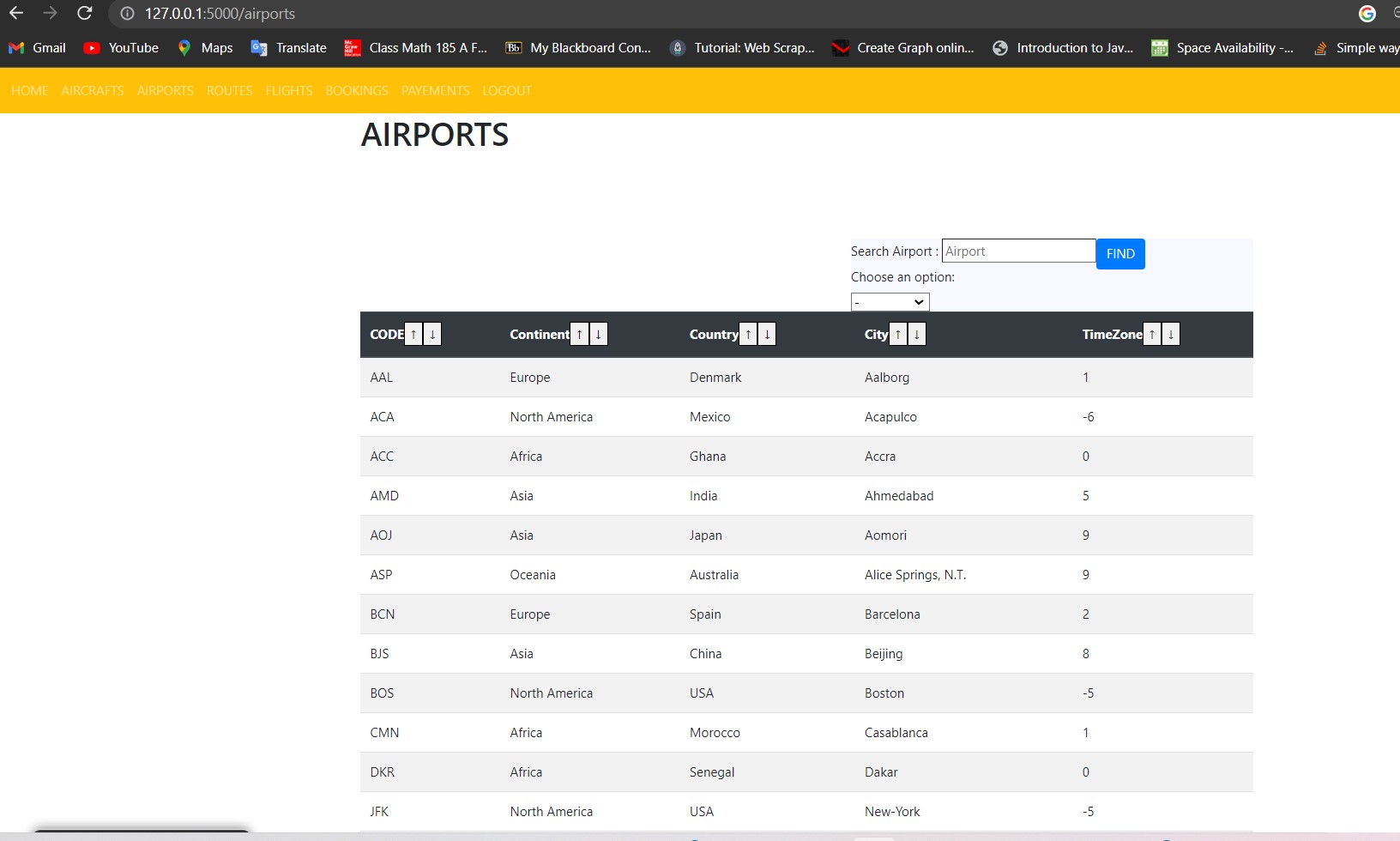
* EMAIL: [admin0@gmail.com](mailto:admin0@gmail.com)
* Password: qwerty12345

Once connected, the user can see the entire HOME PAGE where they can manage.

Now, the user can access 6 different pages by clicking on one of their logos:

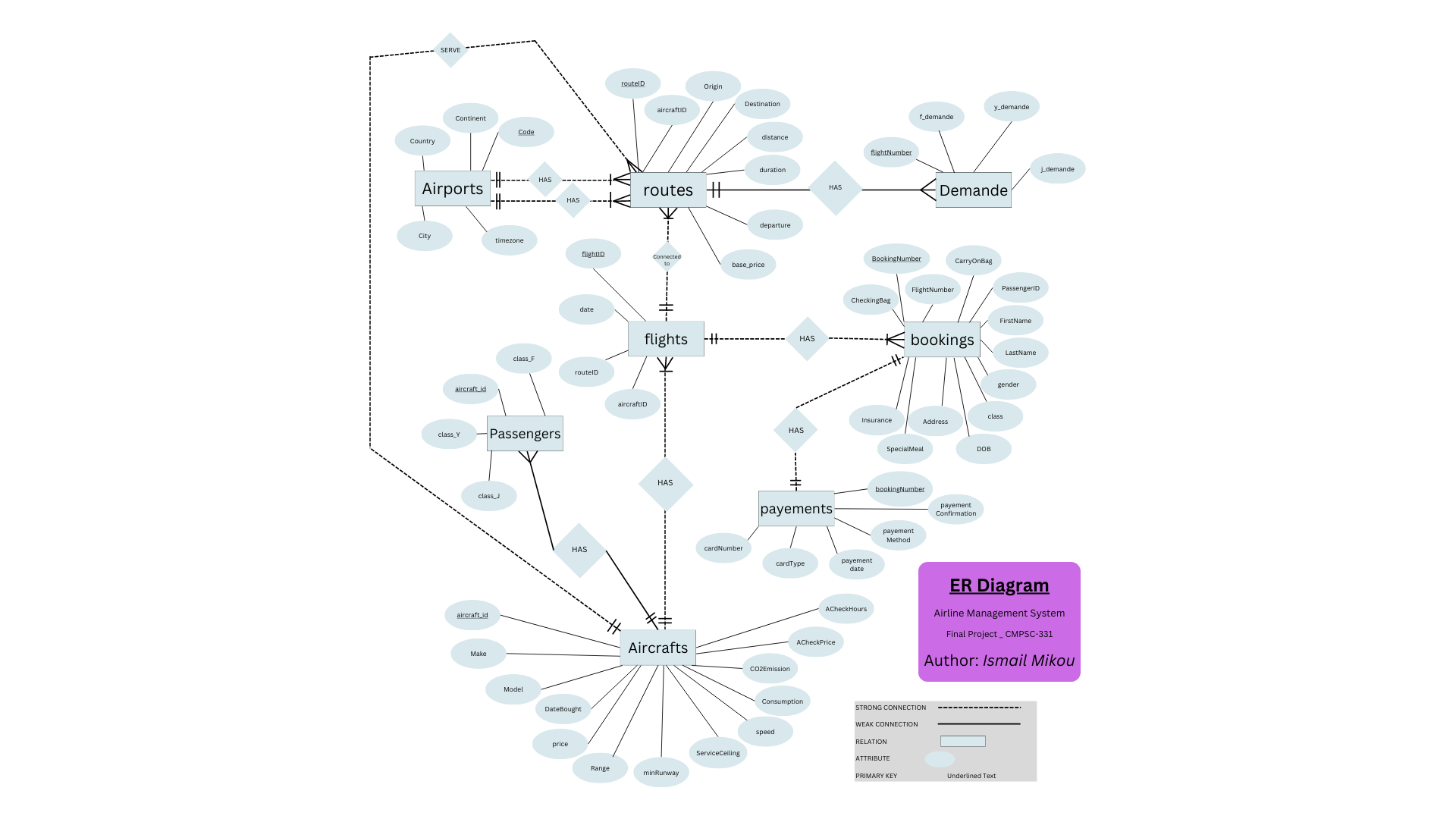
1. Aircrafts: Shows the aircrafts and their info that we have in the Database.
2. Airports: Shows the airports and their info that we have in the Database.
3. Routes: Shows the routes and their info that we have in the Database.
4. Flights: Shows the flights and their info that we have in the Database.
5. Bookings: Shows the bookings and their info that we have in the Database.
6. Payments: Shows the payments and their info that we have in the Database.

When clicked on Aircrafts for example, we get this Airports page:



The user can see the data in the table. They can also enter a specific data in the data field, and choose in what column they are searching for it, and they get it. The data searched does not have to be complete. For example, if they search for “Europe” in Continents, they can simply enter “Eu” or “Europ” to get it. Finally, they can sort the table based on all the columns. Clicking on top arrow will sort the rows as “ASC”, and Down arrow sort them “DESC”.

Here is my ER DIAGRAM:

LINK TO THE VIDEO:

https://drive.google.com/file/d/1zyiK3DNLz0FcPpbGOlqM6Qt3p3Navo1J/view?usp=sharing

LINK TO MY GITHUB:

https://github.com/IsmailMikou/AirlineManagementSystem