DEPARTMENT OF COMPUTER SCIENCE

B.S. SOFTWARE ENGINEERING
5TH SEMESTER

Project Title	Booking Management System
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Course	Software Construction and Management (SEC-2070)
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FAISALABAD

❖ PROBLEMS AND LIMITATION

- **Time Wastage:** because of the large number of bookings, this is very stressful, and time-wasting before locating and finding a booking is available or not.

- **Consumption Space:** the paperwork kept in the files, and the files consume many spaces in the collection.

❖ OBJECTIVES

- ✓ It can reduce customer complaints about the organization.

❖ NON-FUNCTIONAL REQUIREMENT

1. A welcome screen will appear when we open the program.

   1.1. The system remains on that screen for 5 seconds.

   1.2. The organization logo and name must be shown on that screen.

      1.2.1. It must be at the centre of the screen.

   1.3. A welcome message should be there.

      1.3.1. It must be in the centre of the screen.

   1.4. 2. Don't use colours other than those mentioned.

      1.4.1. White, Black, Green, Grey, light brown, Off-white

❖ FUNCTIONAL REQUIREMENT

1. The programming language must be **C#**

2. **The login window** will appear to authenticate access.

   2.1. Staff must use their **CNIC** and **PASSWORD** to access it.

   2.2. Staff members click on the login button. If required information matches, it proceeds further. Otherwise, it shows an error message.

      2.2.1. Upon wrong information, it shows "Wrong CNIC or Password".

3. After login, Dashboard will appear. Four buttons should be present to take further action.

   3.1. Book Flight, in this Dashboard, a table will be there that shows the price of every city. The following information will be required to book the Flight.

   - 3.1.1.   Customer Name
   - 3.1.2.   Customer CNIC
   - 3.1.3.   Place of Departure
   - 3.1.4.   Place of Arrival
   - 3.1.5.   Airplane Company
   - 3.1.6.   Ticket Price
   - 3.1.7.   Date of Departure
   - 3.1.8.   Flight Class

   3.2. Cancel Flight, following information, will be required to cancel the Flight.

   - 3.2.1.   CNIC
   - 3.2.2.   Date of Departure
   - 3.2.3.   Name
     - 3.2.3.1.   It is not required to enter. It automatically fetches customer Name when our staff member enters required information.

   3.3. Search Flight against the customer record. It should show the complete history of customer flight bookings.

   - 3.3.1.   A table will be there to show the following information.
     - 3.3.1.1.   Customer Name
     - 3.3.1.2.   Customer CNIC
     - 3.3.1.3.   Place of Departure
     - 3.3.1.4.   Place of Arrival
     - 3.3.1.5.   Airplane Company
     - 3.3.1.6.   Ticket Price
     - 3.3.1.7.   Date of Departure
     - 3.3.1.8.   Flight Class

   3.4. Logout

   - 3.4.1.   When a staff member clicks it, it will go back to the login windows.