North East University Bangladesh Project Proposal

Course Title: Database System Lab
Course Code: CSE 314

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Project name: Airlines Management System

Sir,
Assalamualaikum,I hope this email finds you well. I am writing to propose the development of a Airlines Management System that seamlessly integrates Java Swings,AWT,(JFrame),Netbeans IDE and MySQL.

Project Overview:

This system is designed to streamline and automate various aspects of airline management, such as ticket booking, Manage flight , and passenger information management , ticket cancellation. My project is built using Java, with a focus on object-oriented programming principles and design patterns. We utilize a MySQL database to store and manage all the data related to the airlines' operations, including passenger information, and booking records.

Key Features:

1.Admin-Control:

Manage Flight : Admin can manage flight with the details of Flight code, Source, Destination, Take off, Number of Seat..

Manage Passenger : It has all the details about passenger for flight security.

Ticket Booking: Admins can book tickets for passengers directly through the system. This feature allows admins to assist passengers in making reservations and ensures a seamless booking process.

Ticket Cancellation : Admin can easily cancel the ticket with the help of passenger ID.

2.Database Integration: I propose the use of a robust database (e.g., MySQL) to store passenger information, user data, and order details securely.

3.Technology Stack:

- **Frontend: Java Swings, AWT, JFrame**
- **Database: MySQL**
- **Security: Implementing best practices for secure transactions and user data .**

I would appreciate the opportunity to discuss this proposal further and address any specific requirements you may have. Please let me know a convenient time for a meeting, and we can provide a detailed project plan.I look forward to the possibility of collaborating on this exciting Airlines Management System project. Best regards,

Jannatul Khould Neju