HELLO AIRPORT!

Problem statement:

It is of utmost importance for any organisation to maintain their tasks and keep in track of them especially when it comes to a vast system like airport. Therefore there is a need for the development of an application to properly maintain the passenger details and the details of arrival and departure of planes etc. Our code aims at a secured interaction between the database and the passengers, visitors as well as the airport management. From this project, we hope to provide a securable airport management system.

Class identification:

Class Airport

Data members:

Name;

Terminal;

Member functions:

Flight\_details ();

Flight\_delays ();

Class management extends airport

Data members:

Staff \_id;

Staff’s\_domain;

Password;

Member functions:

Check\_in ();

Baggage\_in ();

Immigration ();

Boarding ();

Booked\_ticketdetails ();

Cancelled\_tickets ();

Class passenger extends airport

Data members:

Passenger\_Age;

Passenger\_gender;

Passport\_num;

Ticket\_no;

Flight name;

Source\_place;

Destination\_place;

Flight\_time;

Member functions:

View\_ticket ();

Book\_tickets ();

Passport\_verification ();

Cancel\_ticket ();

Accommodation\_details ();

Food\_preferences ();

Class visitor extends airport

Data members:

Ticket\_number;

Member function:

View\_passenger\_details ();