

CS:4400 Logical Design

Team #5

<p>Address (AddressID, Street, City, Zipcode, State, Country)</p> <p>Primary key AddressID</p>	<p>Flights (FlightID, AircraftID, RouteID, ScheduleID, FareID, DepartTime, FlightStatus)</p> <p>Primary key FlightID</p> <p>Foreign key AircraftID references Aircrafts(AircraftID), RouteID references Route(RouteID), ScheduleID references Schedule(ScheduleID), FareID references Fares(FareID)</p>
<p>Login (UserID, Username, Password, Email, SecurityQuestionID, SecurityAnswer)</p> <p>Primary key Username</p> <p>Foreign key UserID references Users(UserID), SecurityQuestionID references SecurityQuestion(SecurityQuestionID)</p>	<p>Schedule (ScheduleID, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday)</p> <p>Primary key ScheduleID</p>
<p>SecurityQuestion (SecurityQuestionID, SecurityQuestion)</p> <p>Primary key SecurityQuestionID</p>	<p>Route (RouteID, From, To, Duration)</p> <p>Primary key RouteID</p> <p>Foreign key From references Route(From), To references Route(To)</p>
<p>Users (UserID, Title, FirstName, MiddleName, LastName, PreferredName, Sex, DOB, AddressID, Phone)</p> <p>Primary key UserID</p> <p>Foreign key AddressID references Address(AddressID)</p>	<p>Aircrafts (AircraftID, EconomySeats, FirstClassSeats)</p> <p>Primary key AircraftID</p>
	<p>Airports (Code, Name, City, State, Country)</p> <p>Primary key Code</p>

Payments (UserID, CardNumber, CardType, ExpirationDateMonth, ExpirationDateYear, CVV, Name) Primary key CardNumber Foreign key UserID references Users(UserID)	Admin (Username, Password) Primary key Username
HawkAdvantage (UserID, Miles) Foreign key UserID references Users(UserID)	News (Headline, Date, Picture, Content)
Multiple Bookings (BookingID, Passenger, Class, SeatNumber) Foreign key BookingID references Bookings(BookingID)	ContactUs (Phone, Email, Company, Street, City, State, ZipCode, Country) Fares (FareID, PriceEconomy, PriceFirstClass) Primary key FareID
Bookings (BookingID, UserID, FlightID, FlightDate) Primary key BookingID Foreign key UserID references Users(UserID), FlightID references Flights(FlightID)	