

DataBase Design

1)

Here are 5 tables with their respective columns

table name	column names
customer	customerID, name
flight	flightID, departureTime, arrivalTime, pilotID, planeID
pilot	pilotID, name
reservation	reservationID, customerID, flightID
plane	planeID, planeType, planeName

Given the above tables and columns identify the information below in the empty slots.

table name	primary key	foreign key(s)	table(s) referenced
customer	customerID	none	none
flight	flightID	pilotID, planeID	pilot, plane
pilot	pilotID	none	none
reservation	reservationID	customerID, flightID	customer, flight
plane	planeID	none	none

2)

Come up with your own unique example just like the above exercise.

Table Name	Column Names
Agent	AgentID, AgentName, ClassID
Class	ClassID, ClassName
AgentGame	AgentGameID, AgentID, ContestID, Victory, Defeat
Location	LocationID, LocationName
Contest	ContestID, LocationID, ContestDate, Time

Table Name	Primary Key	Foreign Key(s)	Table referenced
Agent	AgentID	ClassID	Class
Class	ClassID	None	None
AgentGame	AgentGameID	AgentID, GameID	Agent, Game
Location	LocationID	None	None
Contest	ContestID	LocationID	Location

