

Database Design

Here is an example of how you should complete questions 1 and 2

table name	column names
Patient	patientID, name
Disease	diseaseID, diseaseDescription
Patient_disease	patientID, diseaseID

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

table name	primary key	foreign key(s)	table(s) referenced
patient	patientID		
Disease	diseaseID		
Patient_disease	patientID, diseaseID	patientID diseaseID	Patient Disease

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		
flight	flightID	pilotID planeID	pilot plane
pilot	pilotID		
reservation	reservationID	customerID flightID	customer flight
plane	planeID		

2)

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

This must be your own unique example different from other people in the class. It must also be different from the normalization group assignment..

Use the same format as above. Your example must contain at least four tables.

Here are 5 tables with their respective columns

table name	column names
writer	writerID, writer_name
book	bookID, book_name, writerID, genreID, ratingID, illustratorID
genre	genreID, genre_name
rating	ratingID, rating_name
illustrator	illustratorID, illustrator_name

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

table name	primary key	foreign key(s)	table(s) referenced
writer	writerID		
book	bookID	writerID genreID ratingID illustratorID	writer genre rating illustrator
genre	genreID		
rating	ratingID		
illustrator	illustratorID		