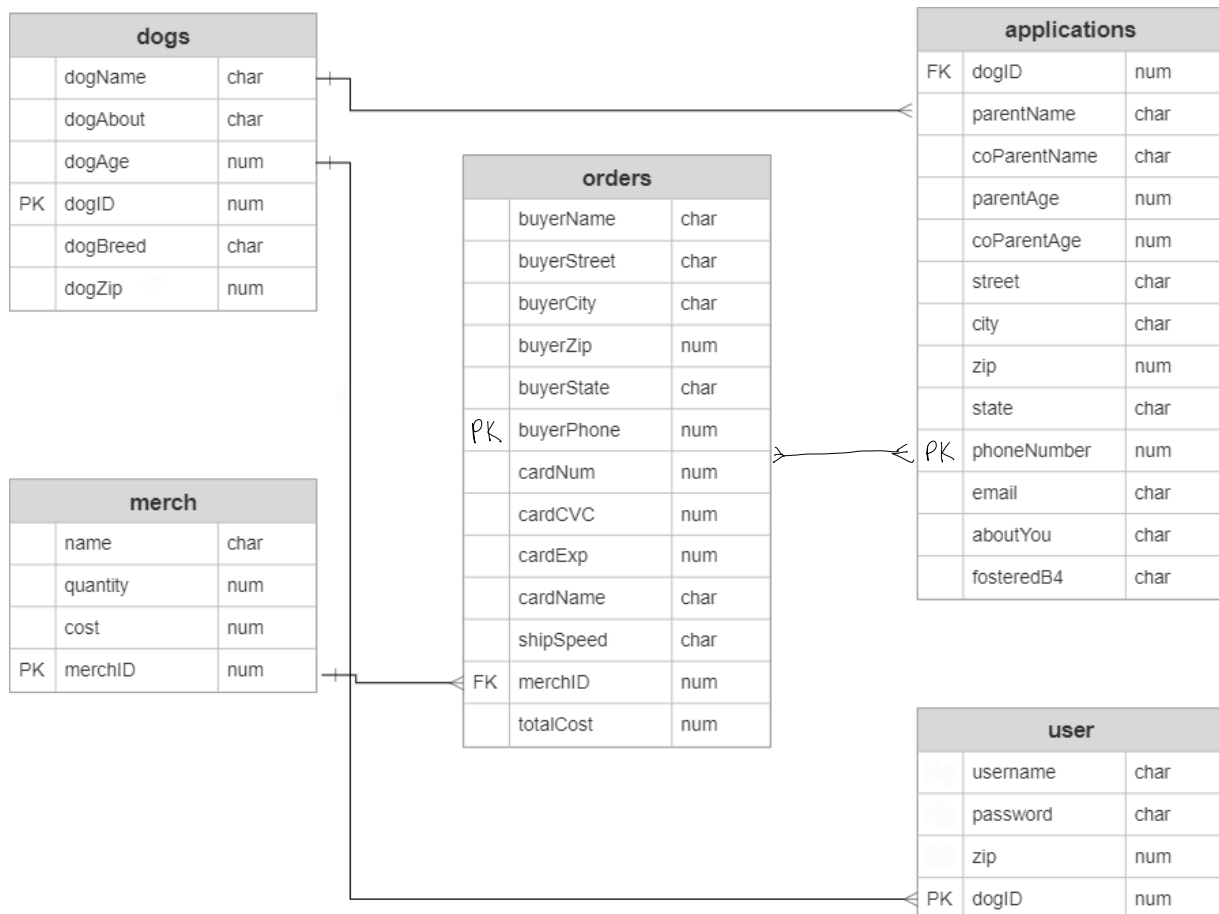Hilary Valencia-Walsh

SWDV 691

<p align="center">Design: Database</p>

- Your database technology choice and an explanation for why this is the appropriate choice.
- Each table/structure you will store in your database
- An explanation for each table/structure in your database that contextualizes its role in your application.

I will be using MySQL as a database. MySQL is a relational database that can hold small or large quantities of data. I will be using MySQL for the user accounts, merchandise inventory, ordering, dogs, and adoption and fostering forms.

dogs

	dogName	char
	dogAbout	char
	dogAge	num
PK	dogID	num
	dogBreed	char
	dogZip	num

merch

	name	char
	quantity	num
	cost	num
PK	merchID	num

orders

	buyerName	char
	buyerStreet	char
	buyerCity	char
	buyerZip	num
	buyerState	char
PK	buyerPhone	num
	cardNum	num
	cardCVC	num
	cardExp	num
	cardName	char
	shipSpeed	char
FK	merchID	num
	totalCost	num

applications

FK	dogID	num
	parentName	char
	coParentName	char
	parentAge	num
	coParentAge	num
	street	char
	city	char
	zip	num
	state	char
PK	phoneNumber	num
	email	char
	aboutYou	char
	fosteredB4	char

user

	username	char
	password	char
	zip	num
PK	dogID	num

Dogs – this database will hold all information on the dog

Merch – this database will hold all of the items available for purchase and their quantities, and costs

User – the user login information, zip code, and dogs they've saved

Applications – holds the data for foster and adoption applications

Orders – this keeps of all of the purchase information to fulfill orders