PetProvider
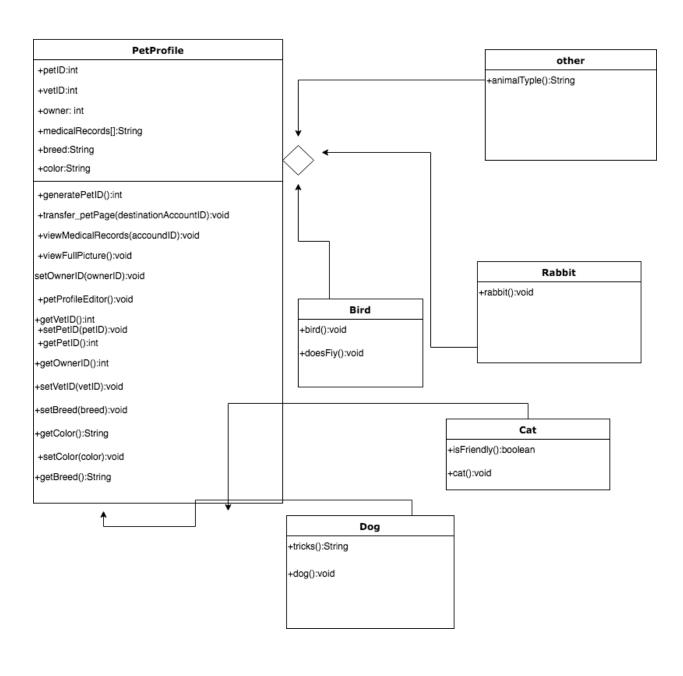
+city: String

+state:String

+zipCode:String

+petProviderID:String

+donationInfo(accountNum):void

PetProfile

+petID:int

+vetID:int

+owner: int

+medicalRecords[]:String

+breed:String

+color:String

+generatePetID():int

+transfer_petPage(destinationAccountID):void

+viewMedicalRecords(accoundID):void

+viewFullPicture():void

setOwnerID(ownerID):void

+petProfileEditor():void

+getVetID():int
+setPetID(petID):void
+getPetID():int

+getOwnerID():int

+setVetID(vetID):void

+setBreed(breed):void

+getColor():String

+setColor(color):void

+getBreed():String

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other

+animalTyple():String

Rabbit

+rabbit():void

Bird

+bird():void

+doesFiy():void

Cat

+isFriendly():boolean

+cat():void

Dog

+tricks():String

+dog():void

Verifier

+ verifyUserAccountActivationCode(code):boolean

+verifyPetProviderAccount(code):boolean

+verifyAdministratorRightsCode(code):boolean

+verifyMedicalRecordsAccess(petID, accountID): void

PetOfTheWeek

+Database():PetProfile

App

+initialize():void

+render():void

UserNameAndPasswordManager

+verifyLogin():boolean

Payment Processor

+processAcknowlegment():void

+storePaymentStats():void

+ processPayment():void

DatabaseManager

+method1()

+method2()

INTERFACE SPECIFICATION: PAYMENT

<<interface>> verification

sendInfo(card_information): verify
// information sends to stripe and they verify
saveInfo(card_information):verify
//they will return to us the verified information which
we will save

<<interface>> Card Information

enterCard(card_info): iVerify

enterName(card_info): iVerify

enterPin(card_info):iVerify

App

      initialize()   //Initializes the React Application

      render()   //Renders the actual page

PetOfTheWeek

      //Needs to search up three random objects from the database and display them (using whatever display method shows search results).

      //I think maybe we can just have it keep a DB entry with the IDs of three pets, and create that on Sundays at 12:01 a.m. to last for 7 days or something like that. Any other time the site is initialized, as part of loading the site for display, the POTW script runs. If the system d/t is greater than 7 days from the moment of creation for the POTW, it generates a new POTW object.