

PetsUML

Description: Create a UML diagram for the items in the **pets** package in the **PetStore** application.

Purpose: Develop skills in creating UML diagrams and analyzing the structure of object-oriented code.

Requirements:

Included with this challenge is a zip file of the **PetStore** application (PetStore_forUML.zip). In the **PetStore** application is a package called **pets**. Create a UML diagram of the items in **pets**. This includes the following: Cat.java, Dog.java, Gender.java, LicensedPet.java, Pet.java, and TrainedDog.java. PetStore.java is NOT in the **pets** package and is not to be included in the UML diagram.

The UML diagram is to be created with a tool like <http://draw.io>. You can use a different tool if you wish but it MAY NOT be hand drawn with pencil/pen and paper.

You are to submit a png, jpg, or gif image file or a PDF. You are to use the following naming scheme:

<Pawprint>PetsUML.<extension>

The Pawprint is to begin with a capital letter and the remaining letters are to be lower case. The extension is to match the format of the file being submitted. If the Pawprint is Abcxyz9 and the image file format is a png, then the file name is to be Abcxyz9PetsUML.png

You are to follow the UML specification info provided in Performance Support folder. In that folder is the **UML.pdf** I created that summarizes the rules. You can also use the “All the UML you need to know” By Paul Gestwicki link provided. Note that UML.pdf will be provided to you for the midterm and final exams so you should use it to become familiar with the format of the document and the information it contains. « and » are to be used where necessary. Use the « and » characters and not two greater than or less than signs.