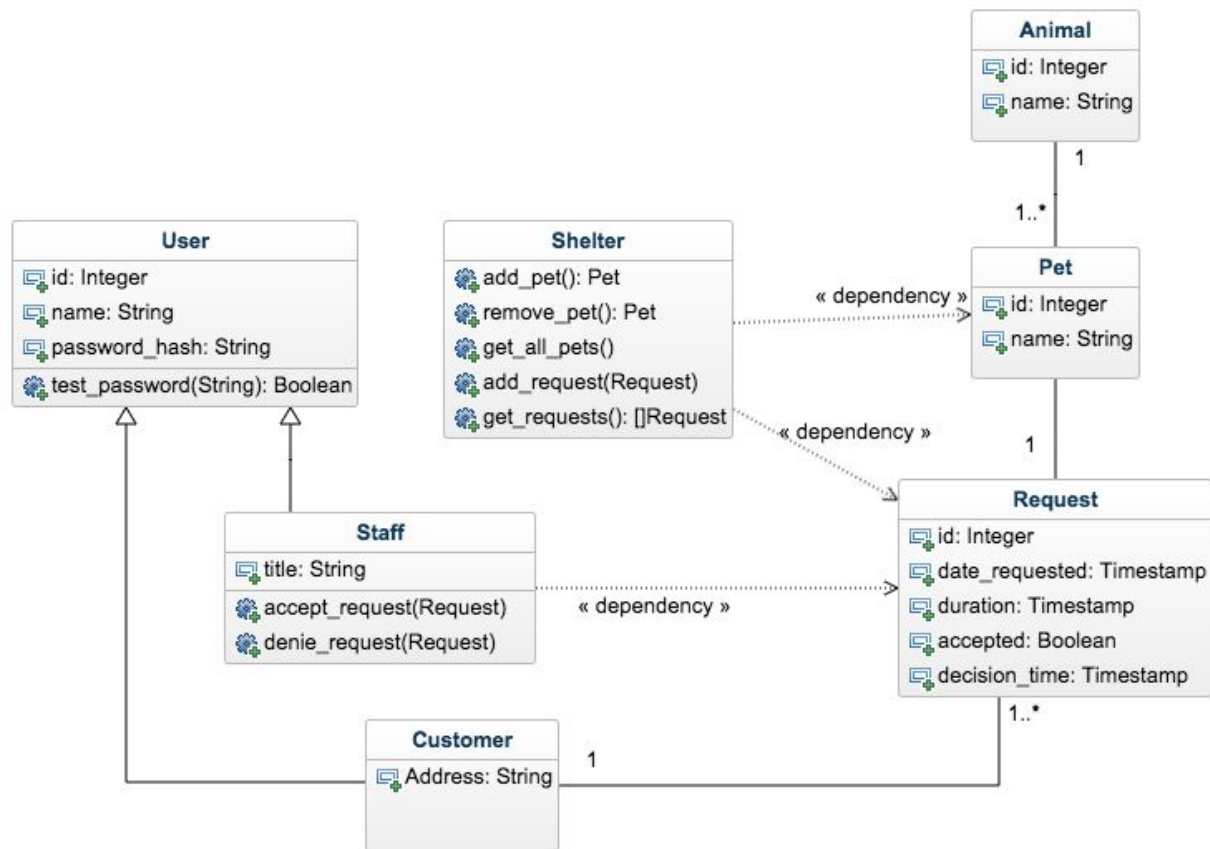


Group #: 09

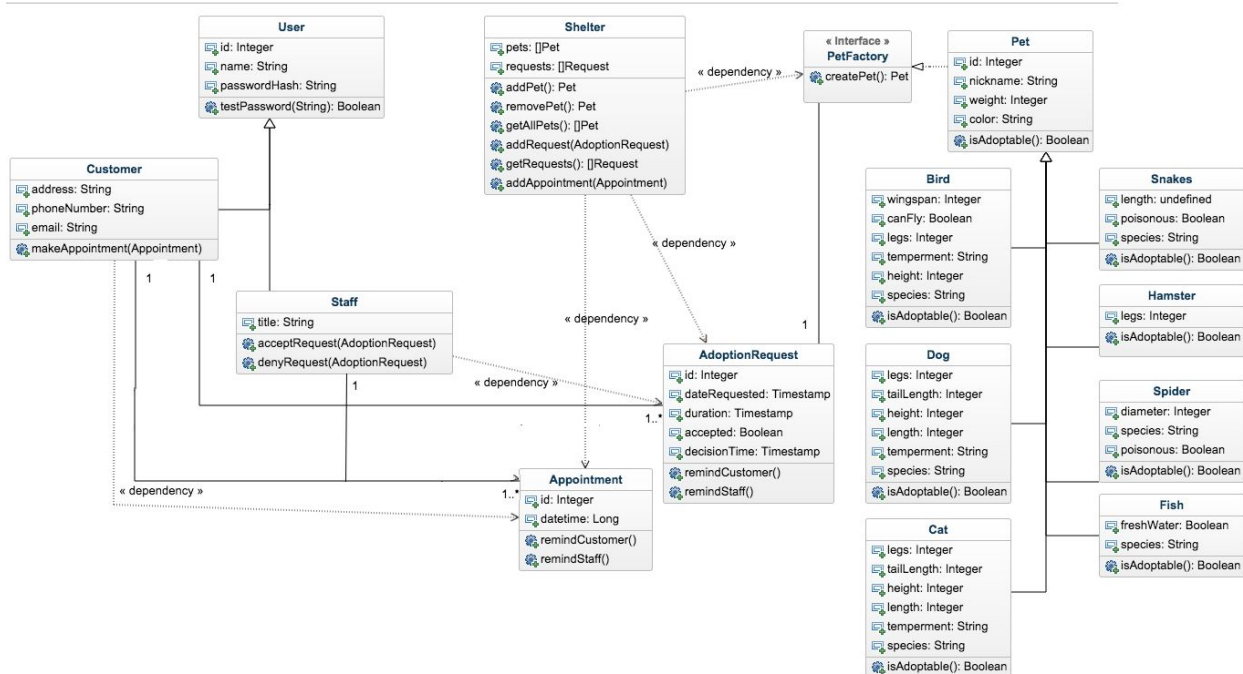
Group name: Pet Get

Members: Ben Williams, Michael Crozier, Hunter Haskins

Project part 3



Part 2 class diagram



Part 3 class diagram (If the diagram is too small to see look at the separate class diagram file on github)

Design patterns: Added Factory Method design pattern for creating specific types of pets.

Refactoring: Added attributes to the Shelter class, and added methods to the Customer class, Pet classes, AdoptionRequest class, and the new Appointment class. We added the Appointment class, and the AdoptionRequest class, to handle use cases that were not covered before. We used the refactor pattern Replace Conditional with Polymorphism by adding the isAdoptable() abstract method to the Pet class, and added the isAdoptable() concrete methods to all the pet's subclasses. Added the option to schedule an appointment to see your new pet, and the associated Appointment class.