+GetEyeColor(): <unspecified>

+GetWeight() : float

+GetHeight(): float

+GetWaistSize(): int

+SetRace(in a) : void

+SetAge(in a : int) : void

+SetHairColor(in a) : void

+SetEyeColor(in a) : void

+SetNationality(in a) : void +SetWeight(in a : float) : void

+SetHeight(in a : float) : void

+SetWaistSize(in a : int) : void

+GetNationality(): <unspecified>

+SetGender(in a : GENDER) : void

-breed

+ToString(): string

GetType(): string

-AMGAnimal()

~AMGAnimal()

+GetName() : string

-GetHeight() : float

+GetWeight() : float

+GetGender() : GENDER

-GetOwner(): AMGPerson

SetHeight(in a : float) : void

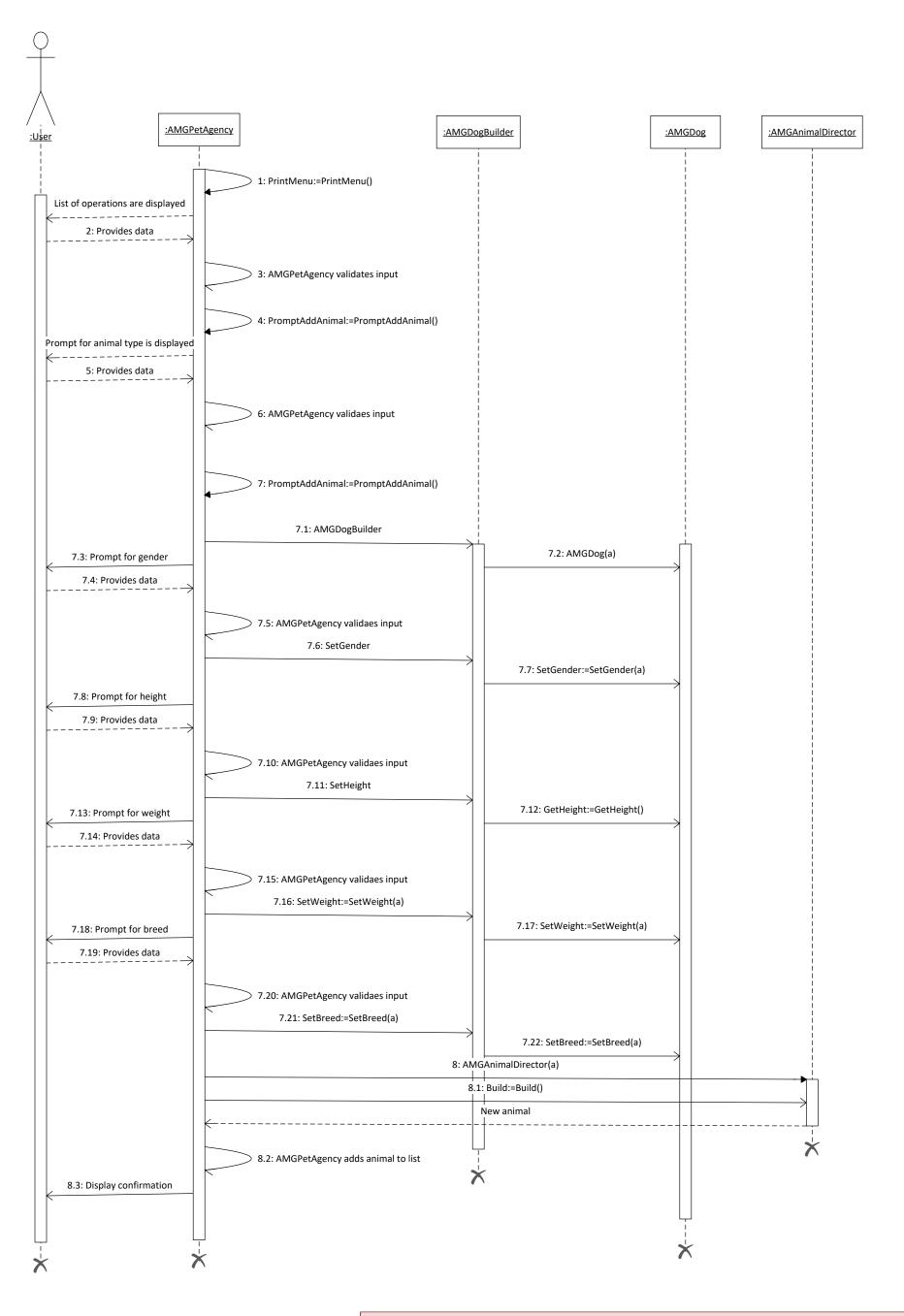
+SetWeight(in a : float) : void +SetBreed(in a) : void +SetName(in a : string) : void

+SetGender(in a : GENDER) : void +SetOwner(in a : AMGPerson) : void

+Adopt(in a : AMGPerson, in b : bool) : void

Note that additional classes were added for completeness

Abel Gancsos



Use Case

- 1. The AMGPetAgency system displays a list of options and prompts for a response
- 2. The user provides a numeric value from the menu (ie. Add Pet)
- 3. The AMGPetAgency system validates the user input
- 4. The AMGPetAgency system prompts for animal type
- $5. \, \mbox{The user provides numeric value from list of available pet types}$
- 6. The AMGPetAgency system validates the input
- 7. The AMGPetAgency system prompts for values for the pet object
- 8. The AMGPetAgency system adds the new pet to the available pets list and displays a confirmation