

sp24-pa6-Andy2Tran/src/Pet.h

```
1 // Title : Pet.h
2 // Desc : Header file for Pet.cpp
3 // Name : An Tran
4
5 #include <string>
6     using std::string;
7
8 #include "Date.h"
9
10 #ifndef PET_H
11 #define PET_H
12
13 class Pet{
14 private:
15     string name{""};
16     Date DOB;
17     string type{""};
18     string breed{""};
19
20 public:
21     // constructors
22     explicit Pet(); // default
23     explicit Pet(const string& name, const Date& DOB, const int& typeNum, const
string& breed);
24
25     // getters
26     string getName();
27     Date getDOB();
28     string getType();
29     string getBreed();
30
31     // setters
32     void setName(const string& newName);
33     void setDOB(const int& month, const int& day, const int& year);
34     void setType(const int& typeNum); //typeNum represents the switch-case num for the
pets
35     void setBreed(const string& newBreed);
36
37     // other
38     friend std::ostream& operator<<(std::ostream& os, Pet& pet);
39     friend std::istream& operator>>(std::istream& input, Pet& pet);
40 };
41
42 #endif
43
44
```