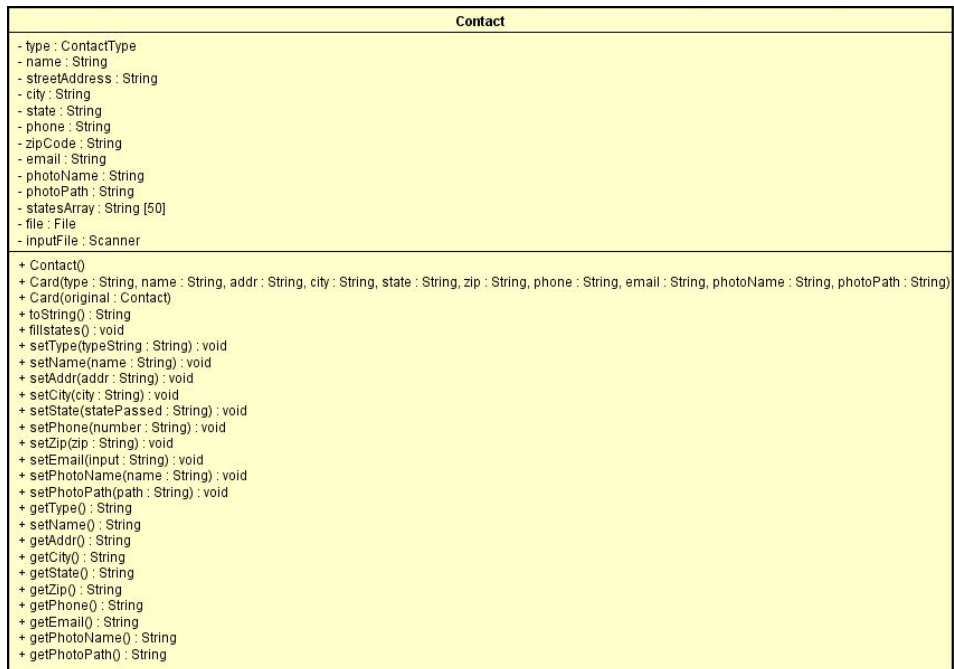


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## Contact Class

Contact class is a class that is going to be used to store attributes of a contact.



+Contact()

PROCESSING:

Initialize the variables in contact to default values using setters

Ex: setName(name);

+ Card(type : String, name : String, addr : String, city : String, state : String, zip : String, phone : String, email : String, photoName : String, photoPath : String)

INPUTS:

Name  
Addr  
City  
State  
Zip  
Phone  
Email  
photoName  
photoPath

(Note: the strings passed in can be any size. The setters that we call is going to format it correctly and make sure everything is a valid input)

**PROCESSING:**

Initialize the variables using the setters using the parameters of the constructor

Ex: setType(type);

+ Card(original : Contact)

**PROCESSING:**

Initialize the variables using the Contact passed in. (Copy Constructor)

Ex: setAddr(original.getAddr());

+ toString() : String

**PROCESSING:**

Get the values of all the variables using the getters and put into a neatly formatted String

Return the String

+ fillstates() : void

**PROCESSING:**

Try to open the file 'states.txt'

Initialize file and Scanner variable

While the file has a next line fill up the array called States

Close the file

If an Exception is thrown

Display that the file could not be opened

**\*\*Documentation for the setters and getters is not required according to the project pdf\*\***

**Driver Class:**

To test to see if our contact class works properly

| Driver   |
|--|
| + c1 : Contact<br>+ c2 : Contact<br>+ c3 : Contact |
| + main(String[] : args) : void                     |

+ main(String[] : args) : void

PROCESSING:

Create a contact, fill variables using setters to test and see if they are working.

Display contact 1 toString

Create a second contact using the parameterized constructor

Display Contact 2 toString

Create a third contact using the copy constructor

Display Contact 3 toString

**ContactType class enum:**

Create the type Contact type and store possible values for it