Components:

1: The Contact

Store the list of users. With the ability to add/edit and delete users. There is a count

value that returns the number of users. Also there is a search function to look up on any

data and return the matched users if found. A show all function returns all users in suitable

format.

2: The User

The user has the following attributes: id, firstname, lastname, gender, city, addedDate.

And included the following composed attributes as an array: address, phone and email. The

user should include a search function to find any data (phone number, address, email, and

so on) in users and return 1 if found and 0 otherwise. It also includes the following

functions: add, edit and delete for each phone, email, and address. A show function to

display user information in suitable format

3: The Address

The address includes the following attributes: place, type, and description. And the

following functions: edit (i.e. setPlace, setType, and setDescription), and getAddress (full

address format).

4: The Email

The Email includes the following attributes: email, type, and description. And the

following functions: edit (i.e. setEmail, setType, and setDescription), and getEmail (full

email format).

5: The Phone

The Phone includes the following attributes: phone, type, and description. And the

following functions: edit (i.e. setPhone, setType, and setDescription), and getPhone (full

phone format).

