

Ralph Reid Harris

CSC 414 Software Design

09/22/2020

For this project I created a user management menu which could be implemented in a database scenario pretty easily. I also created something of a blank slate User class for use with this and to provide a minimal functionality. The idea is something that will be easy to build upon. Anyway, Here is the output:

Here, we create 2 users and display a message indicating the user ID function is not implemented:



```
C:\Users\Laptop\Documents\schoo\414 - software design\st...
***** User management window *****
Choose from the options below:
1. Create a new user.
2. Select a user
3. Delete a user
4. Create or update user's first name
5. Create or update user's last name
6. Create or update user's phone number
7. Create or update user's Email address
8. Show all users
9. Show all of the selected user's information
10. Exit
1
new user created: user Error: This function has not yet been implemented.
Press any key to continue . . .

***** User management window *****
Choose from the options below:
1. Create a new user.
2. Select a user
3. Delete a user
4. Create or update user's first name
5. Create or update user's last name
6. Create or update user's phone number
7. Create or update user's Email address
8. Show all users
9. Show all of the selected user's information
10. Exit
1
new user created: user Error: This function has not yet been implemented.
Press any key to continue . . .

***** User management window *****
Choose from the options below:
1. Create a new user.
2. Select a user
3. Delete a user
4. Create or update user's first name
5. Create or update user's last name
6. Create or update user's phone number
7. Create or update user's Email address
8. Show all users
9. Show all of the selected user's information
10. Exit
```

Next, we select one of the two users (which is just part of the user menu's default capabilities. I create a TODO item to delete the ID setters that I manually coded into the menu using the user's index position. It just looks better if we can display some users here, and we want to know that

selecting the user actually works for the menu itself.) We then try to delete the selected user (with an error message).



```
C:\Users\Laptop\Documents\schoo\414 - software design\st...
4. Create or update user's first name
5. Create or update user's last name
6. Create or update user's phone number
7. Create or update user's Email address
8. Show all users
9. Show all of the selected user's information
10. Exit
2
select a user
0. user 6476
select a user
1. user 6477

1
user 2 selected
Press any key to continue . . .

***** User management window *****
Choose from the options below:
1. Create a new user.
2. Select a user
3. Delete a user
4. Create or update user's first name
5. Create or update user's last name
6. Create or update user's phone number
7. Create or update user's Email address
8. Show all users
9. Show all of the selected user's information
10. Exit
3
Error: This function has not yet been implemented.
Press any key to continue . . .

***** User management window *****
Choose from the options below:
1. Create a new user.
2. Select a user
3. Delete a user
4. Create or update user's first name
5. Create or update user's last name
6. Create or update user's phone number
7. Create or update user's Email address
8. Show all users
9. Show all of the selected user's information
10. Exit
```

The remaining options will show an error message as needed.

```
C:\Users\Laptop\Documents\school\414 - software design\st...
4. Create or update user's first name
5. Create or update user's last name
6. Create or update user's phone number
7. Create or update user's Email address
8. Show all users
9. Show all of the selected user's information
10. Exit
4
enter the user's first name:
bill
Error: This function has not yet been implemented.the user's first name has been
changed: Error: This function has not yet been implemented.
Press any key to continue . . .

***** User management window *****
Choose from the options below:
1. Create a new user.
2. Select a user
3. Delete a user
4. Create or update user's first name
5. Create or update user's last name
6. Create or update user's phone number
7. Create or update user's Email address
8. Show all users
9. Show all of the selected user's information
10. Exit
5
enter the user's last name:
frankenstein
Error: This function has not yet been implemented.the user's last name has been
changed: Error: This function has not yet been implemented.
Press any key to continue . . .

***** User management window *****
Choose from the options below:
1. Create a new user.
2. Select a user
3. Delete a user
4. Create or update user's first name
5. Create or update user's last name
6. Create or update user's phone number
7. Create or update user's Email address
8. Show all users
9. Show all of the selected user's information
10. Exit
```

```
C:\Users\Laptop\Documents\schoo\414 - software design\st...
4. Create or update user's first name
5. Create or update user's last name
6. Create or update user's phone number
7. Create or update user's Email address
8. Show all users
9. Show all of the selected user's information
10. Exit
6
enter the user's phone number:
2283801449
Error: This function has not yet been implemented.the user's phone number has be
en changed: Error: This function has not yet been implemented.
Press any key to continue . . .

***** User management window *****
Choose from the options below:
1. Create a new user.
2. Select a user
3. Delete a user
4. Create or update user's first name
5. Create or update user's last name
6. Create or update user's phone number
7. Create or update user's Email address
8. Show all users
9. Show all of the selected user's information
10. Exit
7
enter the user's Email:
me@place.com
Error: This function has not yet been implemented.the user's Email has been chan
ged: Error: This function has not yet been implemented.
Press any key to continue . . .

***** User management window *****
Choose from the options below:
1. Create a new user.
2. Select a user
3. Delete a user
4. Create or update user's first name
5. Create or update user's last name
6. Create or update user's phone number
7. Create or update user's Email address
8. Show all users
9. Show all of the selected user's information
10. Exit
```

C:\Users\Laptop\Documents\schoo\414 - software design\st...

Choose from the options below:

1. Create a new user.
2. Select a user
3. Delete a user
4. Create or update user's first name
5. Create or update user's last name
6. Create or update user's phone number
7. Create or update user's Email address
8. Show all users
9. Show all of the selected user's information
10. Exit

8

user 1: Error: This function has not yet been implemented.

user 1: Error: This function has not yet been implemented.

Press any key to continue . . .

\*\*\*\*\* User management window \*\*\*\*\*

Choose from the options below:

1. Create a new user.
2. Select a user
3. Delete a user
4. Create or update user's first name
5. Create or update user's last name
6. Create or update user's phone number
7. Create or update user's Email address
8. Show all users
9. Show all of the selected user's information
10. Exit

9

Error: This function has not yet been implemented.

Press any key to continue . . .

\*\*\*\*\* User management window \*\*\*\*\*

Choose from the options below:

1. Create a new user.
2. Select a user
3. Delete a user
4. Create or update user's first name
5. Create or update user's last name
6. Create or update user's phone number
7. Create or update user's Email address
8. Show all users
9. Show all of the selected user's information
10. Exit

10

Press any key to continue . . .