**DoctorProfile**

Profile() Constructor creates a new instance of the profile class

editProfile()

Prompts the user to choose what they want to edit, the corresponding edit

function is called.

displayProfile()

Getter method retrieves saved profile and displays it for other users to access

and view.

addPhoto()

Prompts user for a photo, getter method retrieves photo from user, setter method

adds photo to profile

removePhoto()

Getter method displayed the photos currently on profile, user receives a prompt

to delete the photo currently saved on their profile, setter method removes

photos the user chooses.

delete()

GIves user two prompts to confirm deletion of their profile, warning is displayed

before deletion occurs.

editPhonenum()

Getter method retrieves old phone number, user is prompted to enter a new

phone number to replace the one currently displayed on their profile. Setter

method replaces old number.

editInsurance()

Getter method retrieves old phone number, user is prompted to enter new

insurance information, information is verified and replaces the info currently on

profile. Setter method replaces old insurance.

editAddress()

Getter method retrieves old Address, user is prompted to enter a new address to

replace the one currently displayed on their profile. Setter method replaces old

address.

**UserProfile Class**

Profile() Constructor creates a new instance of the profile class

editProfile()

Prompts the user to choose what they want to edit, the corresponding edit

function is called.

displayProfile()

Getter method retrieves saved profile and displays it for other users to access

and view.

addPhoto()

Prompts user for a photo, getter method retrieves photo from user, setter method

adds photo to profile

removePhoto()

Getter method displayed the photos currently on profile, user receives a prompt

to delete the photo currently saved on their profile, setter method removes

photos the user chooses.

delete()

GIves user two prompts to confirm deletion of their profile, warning is displayed

before deletion occurs.

editPhonenum()

Getter method retrieves old phone number, user is prompted to enter a new

phone number to replace the one currently displayed on their profile. Setter

method replaces old number.

editInsurance()

Getter method retrieves old phone number, user is prompted to enter new

insurance information, information is verified and replaces the info currently on

profile. Setter method replaces old insurance.

**Help**

search( keyword)

Search through topics based on keyword search

Allow users to click on topic

displayTopic()  
 Show information of selected topic

**Calendar**

search( keyword)

Search for specific event based on keyword search

scheduleEvent(date, name, description)

Add an event at a specified date with a name and description

deleteEvent(event)

Remove a specified event

editEvent(event, date)

change event’s date

editEvent(event, name)

Change event’s name

editEvent(event, description)

Change event’s description

**DietChecker**

search(keyword)

Search for specific types of diets based on keyword

search(keyword)

Search for specific food items based on keyword

displayInfo(item)

Show nutritional information and list of diets a certain food item is allowed in

displayInfo(diet)

Show list of food items in a diet

createDiet(name)

Create a new diet

editDiet()

Add, remove, food items food items and rename diet

**DiseaseMonitoring**

pullNews()

Get news from external sources

searchNews(keyword)

Search for specific news based on keyword

filter(filters)

hide /push information based on filters

notify(bool)

Select whether or not user wants to receive notifications about this topic