**Account**

**createProfile**(emailAddress, uniqueHandle, Password, profileImage, followersList, bio)

create profile object

set email to email address

if (uniquehandle is not stored in database)

set uniquehandle to uniquehandle

Else

“This handle has been taken. Please enter another name.”

If (password contains at least 10 characters)

Set password to password

Else “Your password must contain at least 10 characters”

Set profileimage to profileimage

Set followerlist to followerlist

Set bio to bio

Return profile

**DisplayProfile**(uniqueHandle, profileImage, followersList, FollowedList, posts, bio, directMessages)

Display profile

**changeEmail** (emailAddress)

get emailAddress

display (“Do you wish to change your email?”)

if (continue)

Change user handle

Else

Stop

**changeProfilePicture**(profileImage)

upload profile picture

display profileimage

**deleteProfile**(boolean)

display “This will permanently delete your account after 15 days of deactivation. Do you wish to continue?”

If (continue)

Remove all information contained within the profile

Else

Stop

**changeProfileName**(uniqueHandle)

get uniquehandle

display (“Do you wish to change your handle?”)

if (continue)

Change user handle

Else

Stop

**followUser**(uniqueHandle, profileImage, followersList, followedList)

get user’s unique handle

get user’s profile image

get user’s followerlist

get user’s followedlist

add selected user to followedList

**removeFollower**(uniqueHandle, profileImage, followersList, followedList)

get user’s unique handle

get user’s profile image

get user’s followerlist

get user’s followedlist

remove selected user

**showFollowerList**(followersList)

get followerList

display follower list

**showFollowedList**(followedList)

get followed list

display followed list

**showPosts**(posts)

get posts

display selected posts

**deletePosts**(posts)

get posts

remove selected post

**Post**

**publishText**(userprofilename, text, userimage)

get userprofilename

get userimage

display text box

submit text

**deleteText**(text)

get text

remove selected text

**editText**(text)

get text

edit selected text

**createGoal**(goals, text)

set goals to goals

get text

add selected goals

**publishGoal**(goals, text)

get goals

publish goals

**editGoal**(goals)

get goals

edit selected goals

**deleteGoal**(goals)

get goals

delete selected goals

**attachPhoto**(attachments)

get attachments

add selected photo

**attachVideo**(attachments)

get attachments

add selected video

**displayPhoto**(photo)

get photo

display photo

**Direct Messages**

+**sendMsg**(messages, dateTime, text, userProfile, followers)

Get userprofile

Get followers

Get date time

Display text box

Send selected message

**editMsg**(messages)

Get message

Edit selected message

**deleteMsg**(messages)

Get message

Delete selected message

**displayMsg**(messages, dateTime, userProfile)

Get user profile

Get messages

Get date time

Display user profile

Display messages

Display date time

**displayUserProfile**(userProfile)

get user profile

display user profile

**react**(messages)

get messages

add react to messages

**turnOffNotifications**(boolean)

get messages

display (“Do you wish to turn off notifications?”)

if (continue)

Notifications have been turned off

Else

Stop

**Fitness Stats**

**addSteps**(steps)

get steps

if (steps = 0) then

set steps to 0

else

set steps to (steps)

**addMiles**(miles)

set miles to miles

if (miles = 0)

set miles to 0

else

set miles to (miles)

**editMiles**(miles)

get miles

edit miles

**addCalories**(calories)

set calories to calories

if (calories = 0)

set calories to 0

else

set calories to (calories)

**editCalories**(calories)

get calories

edit calories

**removeCalories**(calories)

get calories

remove selected calories

**calculateMilePace**(distance, time)

set pace to 0

get distance

get time

set pace to distance divided by time

return pace

**calculateCaloriesBurnedRunning**( weight, distance, time, pace, avgMET)

create calculateCaloriesBurnedRunning

set calories to 0

get values for weight, time, pace

calories = ((pace \* distance\* avgMET) / weight) \* time

return calculateCaloriesBurnedRunning

**addWeight**(weight)

set weight to weight

if (weight = 0)

set calories to 0

else

set weight to (weight)

**editWeight**(weight)

get value weight

edit weight

set weight to weight

**deleteEntry**(distance, time, calories, weight, steps)

get values distance, time, calories, weight, steps

delete entry