

Review

updateReview(review, text, reviewer, reviewee, rating)
 Set avgRating to (avgRating + rating)/numReviews+1
 Set numReviews to numReviews+1
 Add a new review to reviewee with text, reviewer, and rating

getReview(review)
 return review

deleteReview(review)
 delete review

getText()
 return text

setText(text)
 Set text field to text

deleteText()
 Set text to ""

getReviewer()
 return reviewer

setReviewer(reviewer)
 Set reviewer field to reviewer

getReviewee()
 return reviewee

setReviewee(reviewee)
 Set reviewee field to reviewee

getRating()
 return rating

setRating(rating)
 Set rating field to rating

getAverageRating()
 return averageRating

Message

deleteMessage()

Delete message

getMessageBody()

return messageBody

setMessageBody(messageBody)

Set messageBody field to messageBody

deleteMessageBody()

Set messageBody to ""

setMessageFormat(messageFormat)

Set messageFormat field to messageFormat

getMessageType()

return messageType

setMessageType(messageType)

Set messageType field to messageType

setRecipients(recipients)

set recipients field to recipients

getRecipients()

return recipients

addAttachment()

Set attachment to Dialog Box Input

return attachment

recordVideo()

Set video to new video from camera

return video

recordAudio()

Set audio to new audio from microphone

return audio

addEmoji()

Set emoji to requested emoji

return emoji

User

deleteUser()

Delete user

updateUser(name, username, email)

Set name field to name

Set username field to username

Set email to email

setEmail(email)

Set email field to email

getEmail()

Return email

updateEmail(newEmail)

Set email to newEmail

setName(name)

Set name field to name

getName()

return name

updateName(newName)

Set name to newName

setUsername(username)

Set username field to username

getUsername()

return userUsername

getListOfReviewsMade()

return userListOfReviewsMade

getListOfReviewsReceived()

return userListOfReviewsReceived

getFriendsList()

return userFriendsList

deleteFriend(friend)

Delete friend from friendsList

addFriend(friendName)

Add friendName to friendsList

enableNotifications()

Set notificationsEnabled to TRUE

disableNotifications()

Set notificationsEnabled to FALSE

enableLocation()

Set locationEnabled to TRUE

disableLocation()

Set locationEnabled to FALSE

setLocation(GoogleDirections)

Set location to GoogleDirections

getLocation()

return location

isUsernameActive()

IF username is active

return TRUE

ELSE

return FALSE

Civilian

displayHelpOptions()

Show GUI for help options

selectHelpOption(selectedHelpOption)

Set selectedHelpOption field to selectedHelpOption

updateHelpSelection(selection)

Set selectedHelpOption to selection

deleteHelpSelection()

Set selectedHelpOption to ""

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submitHelpRequest()
    helpRequest = New helpRequest

updateHelpRequest(request)
    Set helpRequest to request

deleteHelpRequest(request)
    Delete request

setRequestDescription(requestDescription)
    Set requestDescription field to requestDescription

updateRequestDescription(requestDescription)
    Set requestDescription field to requestDescription

deleteRequestDescription()
    Set requestDescription to ""

enableAcceptanceNotification()
    Set notifyWhenRequestAccepted to TRUE

disableAcceptanceNotification()
    Set notifyWhenRequestAccepted to FALSE

helpRequestAccepted()
    IF request was accepted
        Set requestAccepted to TRUE
    ELSE
        Set requestAccepted to FALSE

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Hero

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getListOfRequests()
    return listOfRequests

acceptRequest(civilian)
    Set acceptedRequest to civilian
    Message("Your request has been accepted!", Set recipients to civilian)

dropAcceptedRequest(acceptedRequest)
    Set acceptedRequest to ""
    Message("Your request has been dropped!", recipients=acceptedRequest.initiator)

getRequestInformation(acceptedRequest)

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return acceptedRequest.info

GPS

getCivilianLocation()
return civilianLocation

getGuildMemberLocation()
return guildMemberLocation

getDirections()
return GoogleDirections

updateDirections(person)
Set GoogleDirections location to person

deleteDirections()
Delete current GoogleDirections

Guild

getGuildName()
return guildName

setGuildName(newGuildName)
Set guildName to newGuildName

getGuildOwner()
return guildOwner

setGuildOwner(newGuildOwner)
Set guildOwner to newGuildOwner

getGuildMembers()
return guildMembers

inviteHero(name)
Send invitation to hero
message("You have been invited to join a guild!", Set recipient to name)

deleteGuild()
Delete guild

leaveGuild()

Set guildName to ""

Set guildOwner to ""

Set guildMembers to ""

joinGuild(name)

Set guildOwner field to the guild owner

Set guildMembers field to the guild members

Set guildName field to the guild name