Method deleteUser(userID: int):

Confirm account deletion

Delete the user with the given ID from the database if it exists

Method setUsername(username: string):

Set the username of the user with given input

Method setPassword(password: string):

Take user input

Set the password of the user

Method setSettings(settings: UserSettings):

Set the settings of the user with given input

Method addRecord(records: IncomeRecord):

Create an income record for the user

Add the new income record to the user

Method deleteRecord(recordID: int):

Confirm record deletion

Delete the income record with the given ID from the user's records

Method getRecord(recordID: int):

Return the income record with the given ID from the user's records if it exists

Method updateRecord(recordID: int, newRecord: IncomeRecord):

Input new info for the income record

Update the income record with the given ID with the provided new record data

Method addTips(recordID: int, cashTips: double, creditTips: double):

Take the recordID

Add cash tips earned

Add credit tips earned

Add tips to the income record with the given ID

Method updateTips(recordID: int, cashTips: double, creditTips: double):

Take recordID

Add updated cash tips

Add updated credit tips

Update the tips of the income record with the given ID

Method chooseGroupOption(userID: int):

If userID = adminID or employeeID

Run groupSession or employeeSession respectively

Else run personalSession

Method createNewSession(userID: int):

Create a new session for the user with given id

Run chooseGroupOption

Method employeeSession(employee: Employee[employeeID: int]):

Take the employeeID

Match it to an employee

Begin an employee session for the user

Method groupSession(admin: Admin[adminID: int]):

Match the admin id to an admin

Begin a session for the Admin

Method personalSession(userID: int, sessionID: int):

Take userID

Take sessionID

Begin a personal session for the user with given id

Method savePersonalSession(userID: int):

Take sessionID

Save the personal session of the user with given id

Method setNewSession(sessionID):

Take sesionID

Set a new session

Method getNewSession():

Retrieve the current session

Method chooseGroupSession(sessionID):

Take Session ID

Select group session

Method getEmployeeSession():

Retrieve details of the current employee session

Method setEmployeeSession(sessionID: int):

Take SessionID

Set the current employee session

Method getPersonalSession():

Retrieve details of the current personal session

Method setPersonalSession(sessionID: int):

Take sessionID

Set the current session as a personal session

Method setTips(tips: IncomeRecords[]):

Take the Tips

Set the tips record for the current user

Method getTips():

Retrieve and the tips information for the current user