Final Project Database:

Table 1: UserInfo

* Int UserID – primary key – helps keep order among the table and allows the user to be found without any repetition in the table
* Varchar(45) UserFName – the first name of the user
* Varchar(45) UserLName – the last name of the user
* Varchar(45) UserName Unique– the username of the returning user, its easier than using the name and/or the email address. 2 users cannot have the same username
* Varchar(45) UserEmail Unique – the email address for reminders and basic info. Has to be unique, no 2 user can have the same email
* Varchar(16) userPassword – the max length of the password is 16
* Varchar(10) userPhoneNumber Unique – the length of an average number is 10 digits

Table 2: AdminRights – those in this table have rights to make changes based on userid

* Int AdminID – primary key – the specific admin
* Int userID – foreign key to user table so can get the name and info about the user

Table 3: ActivityType – the dropdown activity options for the users to cheoose from – basic categories

* Int ActivityTypeID – primary key – to access the activity type
* Varchar(45) description – the name choices that drop down for the users

Table 4: UserActivity – the different schedules of each user

* Int ActivityID – primary key to access each activity if the user would like to see it or modify it
* Int UserID – foreign key to userinfo table to access the users data
* Int activityTypeID – foreign key to activitytype table to give the activity a type ex: homework, housework…
* Time starttime – what time the user would like to start the activity to create a schedule for them
* Time endtime – the time the user would like this activity to be completed
* Varchar(45) ActivityName – the name of the activity besides the type, for ex: MCON243 Homework1
* Date activityDate – the default is set to the system’s date, on the users machine, but the user can change it for whatever reason.