Checklist app Data points

Items that need object classes

* Tasks
* Tasklists

UserTasks Object class

***Variables***

taskName -> String (Limit of 50 characters)

taskDescription -> String (Limit of 250 characters)

taskNotificationTime -> ??? (Since I am storing the time that the notification should go off how would I do that. Notation String may be my best bet for now.

(Hours)/(Minutes)/(Am or PM); example: 8/59/am

IF I was storing the time of the object, then I would store the Long value that represents the UNIX epoch.)

taskChecked -> Bool (This needs to reset daily)

***Constructors***

Needs a constructor, will have to go back to design phase for adding in tasks

Needs a constructor that will take in the task name and time for notification at the least. (taskName: String, taskNotificationTime: ???)

***Getters/Setters***

Needs gets/sets for all variables

***Methods***

Need a method for turning the object into JSON data and out of JSON data.

UserTaskList Object class

***Variables***

taskListName -> String (Limit of 50 characters)

taskListTasks -> ArrayList of UserTasks

Need to look into having an option for resetting a task list daily or not.

***Constructors***

Needs a constructor that will take in the tasklist name.

Needs a constructor for taking in the tasklist and arraylist of tasks.

***Getters/Setters***

Needs gets/sets for just the taskListName

***Methods***

Need a method for updating the arraylist of task, when a task is deleted, the new updated arraylist should run a method that updates/overrides the arraylist in this object.

updateUserTasksArray(updatedUserTaskList: ArrayList) {

taskListTasks = updatedUserTaskList

}

need a method for turning the entire tasklist with tasks into json

JSON Should look like

[taskList: taskList1 with the JSON array of tasklists]