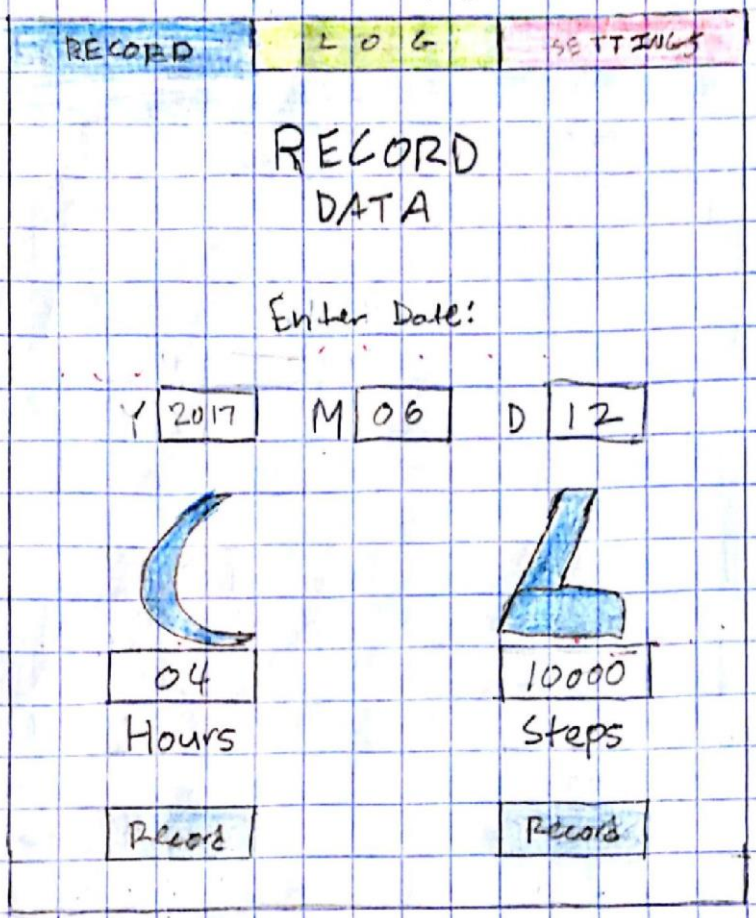
FITNESS TRACKER

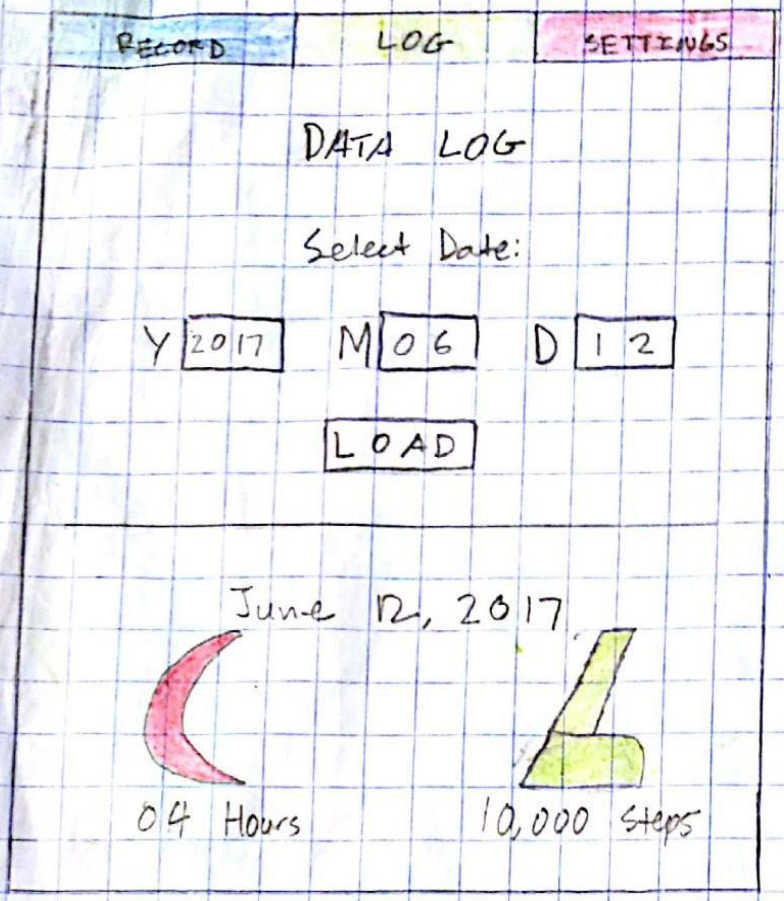


← Tabs, which change the screen to display

Each Grid Square is 30 x 30 pixels

This is a GUI mockup of a basic fitness tracker app, which would log steps taken and hours slept each day.

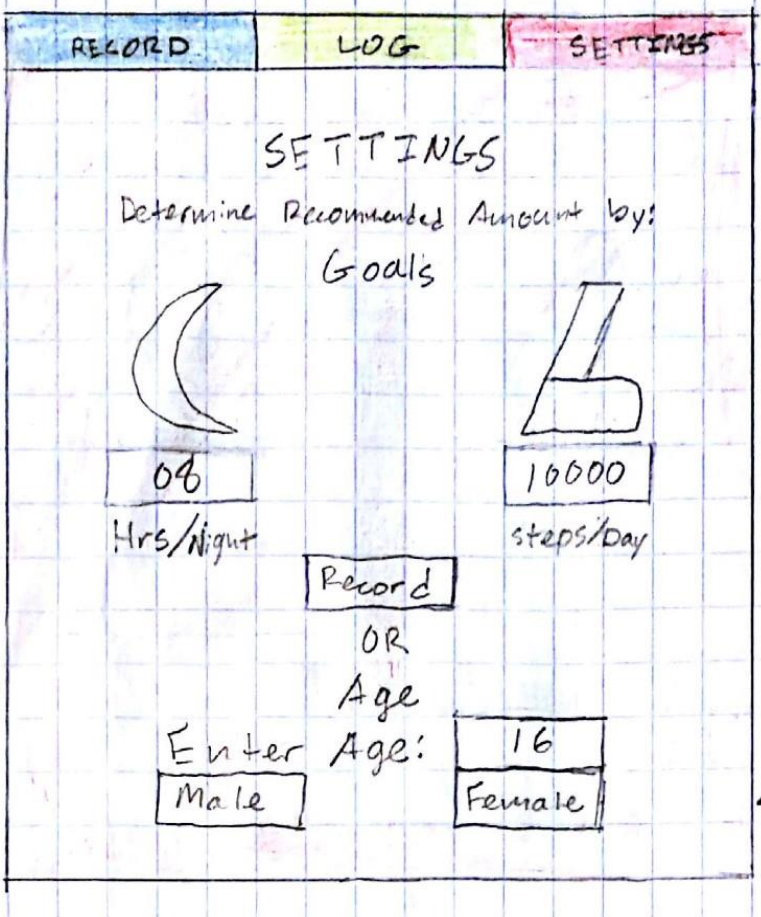
The first screen, Record, would accept a date and value for each of the two criteria.



Each Grid Square is 30x30 pixels

The second screen, Log, would accept a date value and recall the hours slept and steps walked for that date from memory.

Additionally, the icons for sleep and steps walked would change color depending on whether or not the user has satisfied a goal they have set.



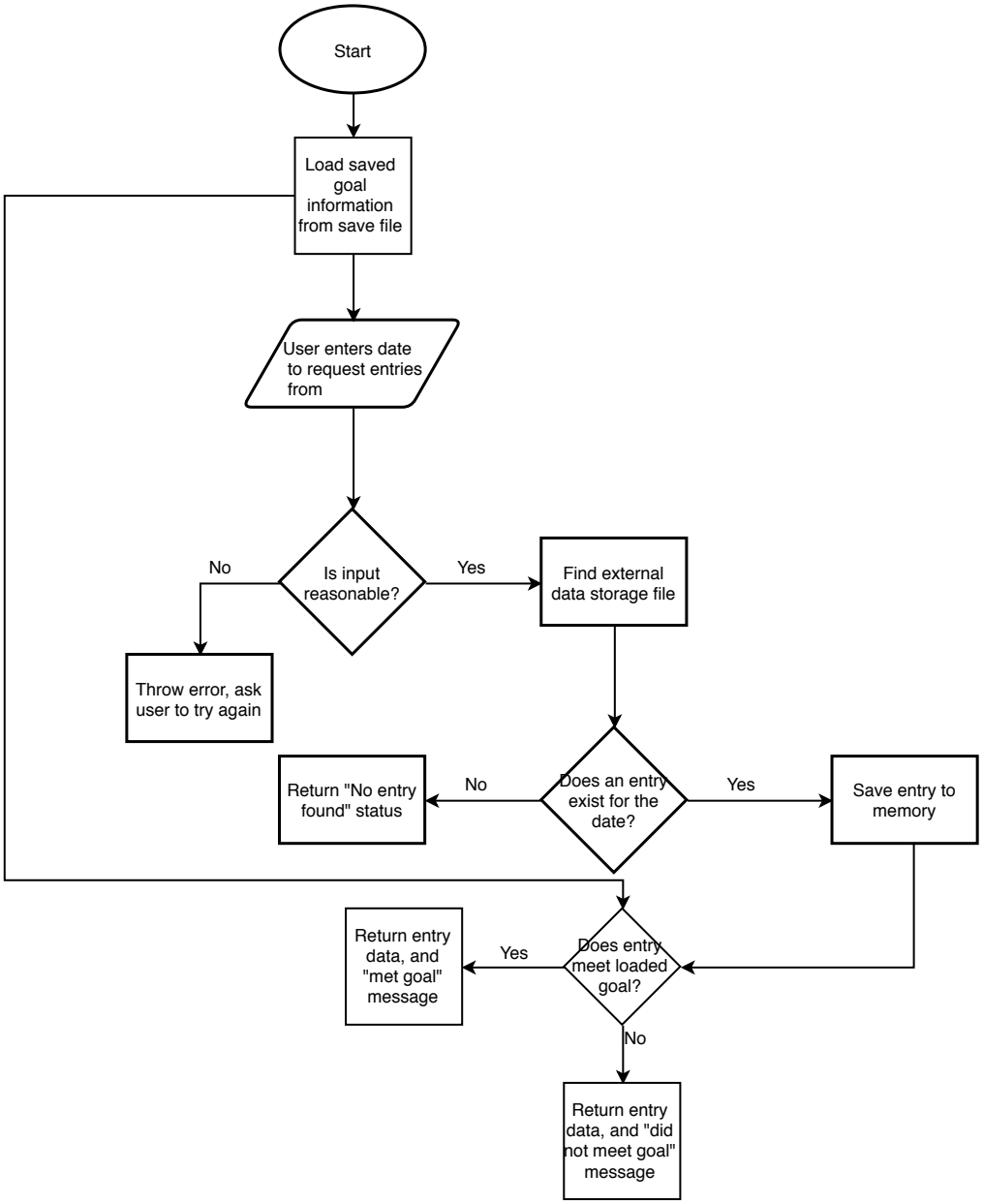
← The radio buttons would record the age as well as designate the user's gender.

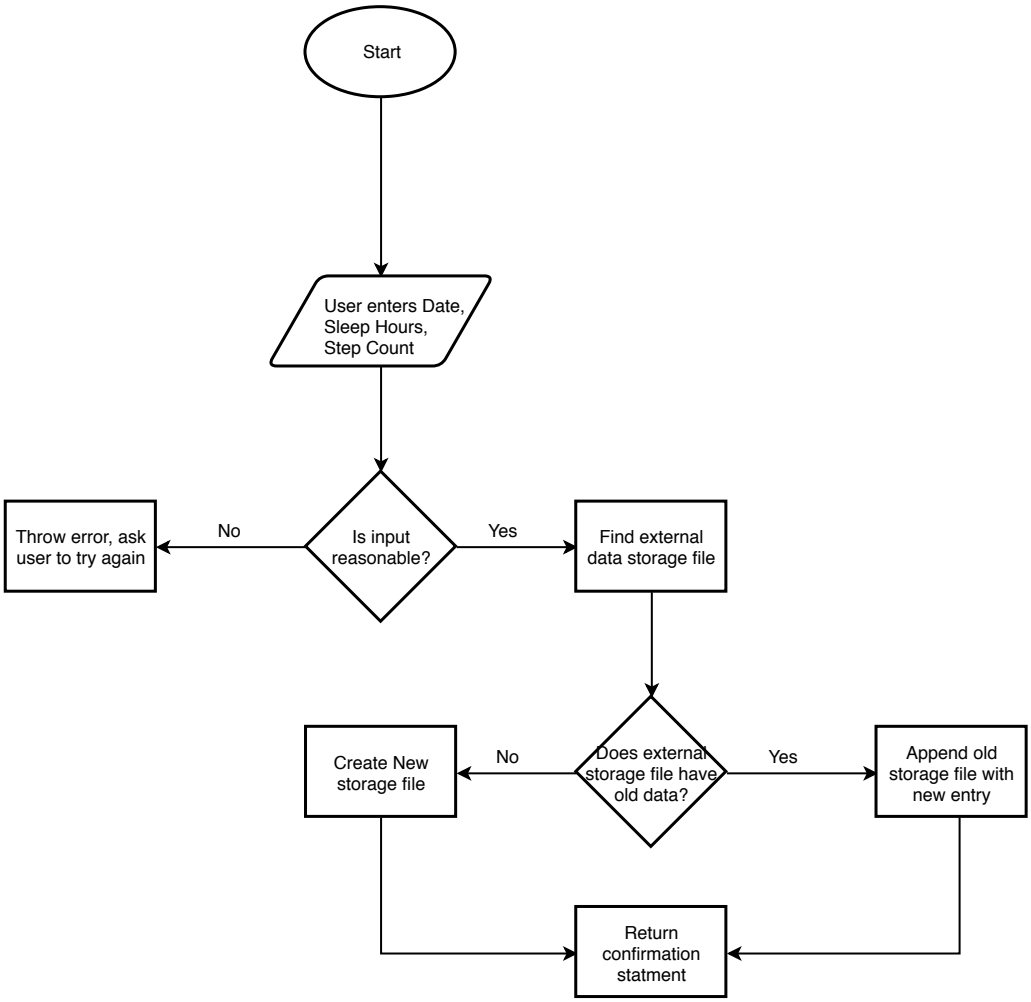
Each Grid Square is 30x30 pixels

The purpose of the Settings screen is to set a step and sleep hours goal. The user may do this by manually entering a value for each.

Alternatively, the user could enter their age and gender and have the program determine a good goal, based on known health guidelines.

Hopefully this and the log data can be saved between sessions on some sort of 'save file' that the program can read & write.


Start
Load saved goal information from save file
User enters date to request entries from
Is input reasonable?
No
Yes
Throw error, ask user to try again
Find external data storage file
Does an entry exist for the date?
No
Return "No entry found" status
Yes
Save entry to memory
Does entry meet loaded goal?
Yes
Return entry data, and "met goal" message
No
Return entry data, and "did not meet goal" message


Start
User enters Date, Sleep Hours, Step Count
Is input reasonable?
No
Throw error, ask user to try again
Yes
Find external data storage file
Does external storage file have old data?
No
Create New storage file
Yes
Append old storage file with new entry
Return confirmation statment