

Assignment Cover Letter

(Individual Work)

Student Information:	Surname	Given Names	Student ID Number
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Course Code	: COMP6502	Course Name	: Introduction to Programming
Class	: L1BC	Name of Lecturer(s)	: Monica Hidajat
Major	: CS		
Title of Assignment (if any)	: Time Applications		
Type of Assignment	: Final Project		
Submission Pattern			
Due Date	: 20-11-2018	Submission Date	: 20-11-2018

The assignment should meet the below requirements.

1. Assignment (hard copy) is required to be submitted on clean paper, and (soft copy) as per lecturer's instructions.
2. Soft copy assignment also requires the signed (hardcopy) submission of this form, which automatically validates the softcopy submission.
3. The above information is complete and legible.
4. Compiled pages are firmly stapled.
5. Assignment has been copied (soft copy and hard copy) for each student ahead of the submission.

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Declaration of Originality

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Signature of Student:

1. Vedro Suwandi

(Name of Student)

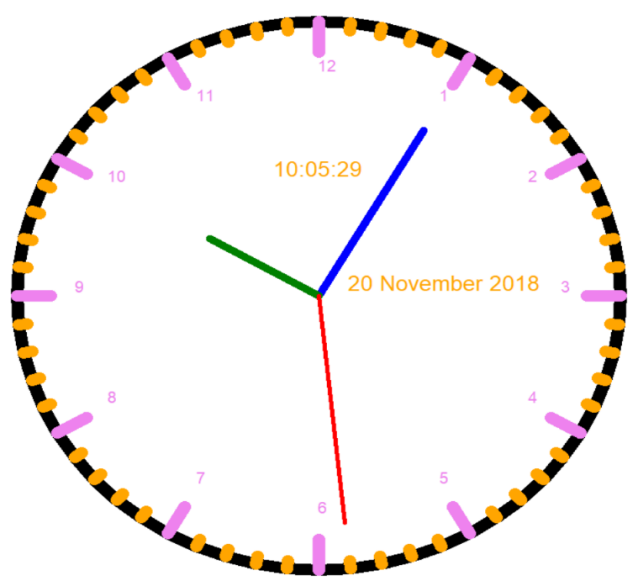
Nowadays, There are so many people that still doing misconduct such as discipline because they didn't stay alert for the time , and I am using that condition as an idea of my application . This application helps people to stay in time .

This Applications uses 3 Modules in python which is

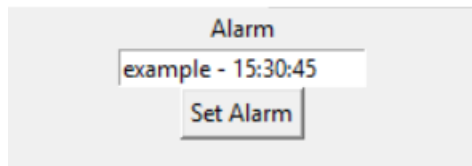
- Tkinter - To make the Application such as entry and button
- Turtle – To draw the Analog clock
- Time – To Let us know the local time

This Application has 3 features and that is clock (local time) , Alarm and Timer .

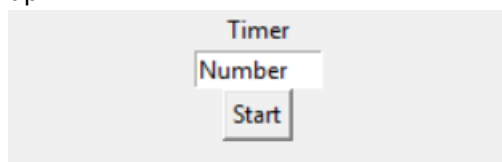
The clock contains the date and the digital version of the time to help the children to learn about time.



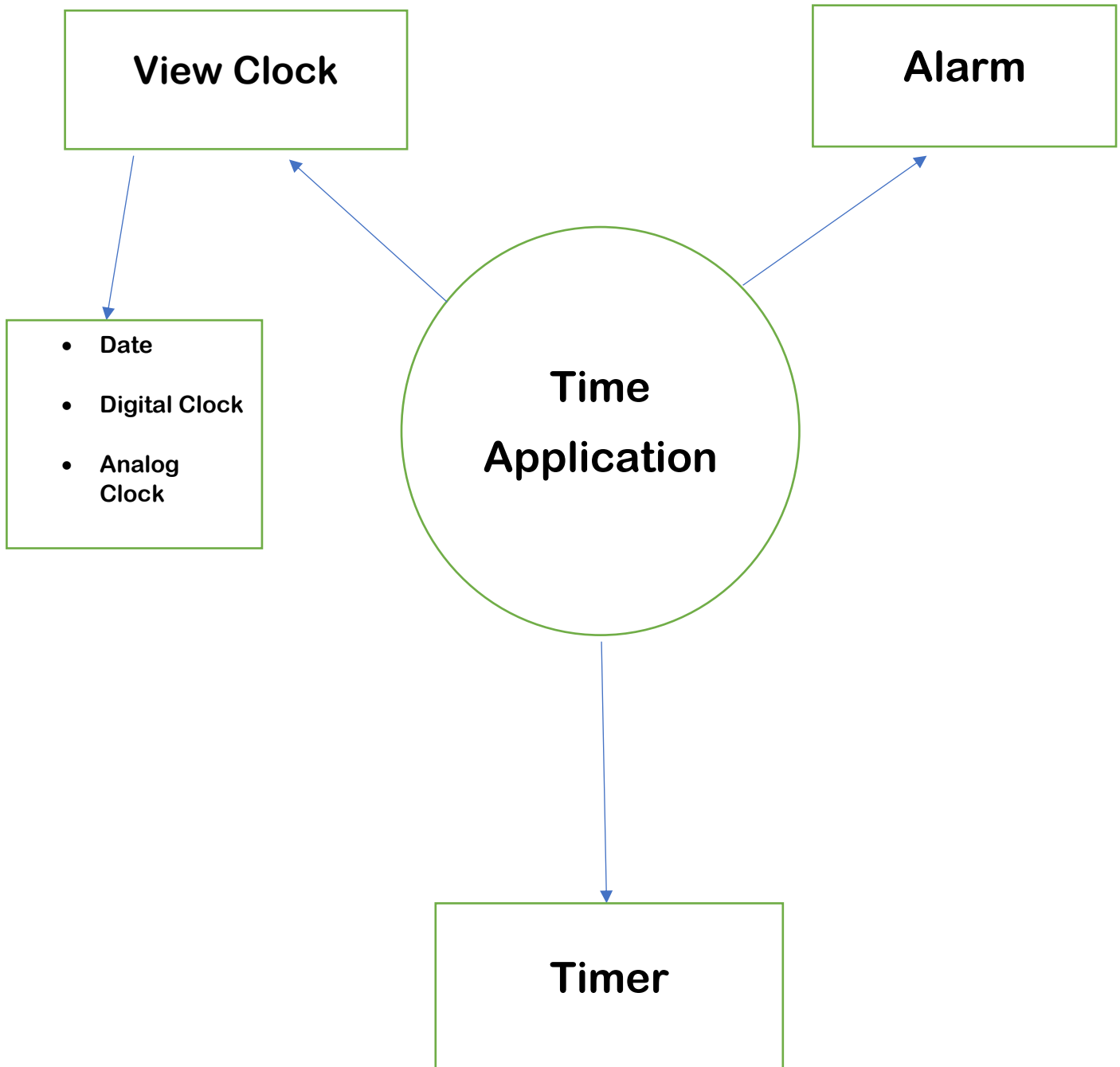
And It also allow the user to input and set the alarm and Start after the “Set Alarm Button “ was Clicked and ring at the time was set. This Feature help people to wake up early and didn't show up late whether in the class or work.



And I also add the countdown timer that the user can insert the time and Start whenever the user wish, this timer counted in the set interval of time in second as the “Start” Button was clicked until the time is up .

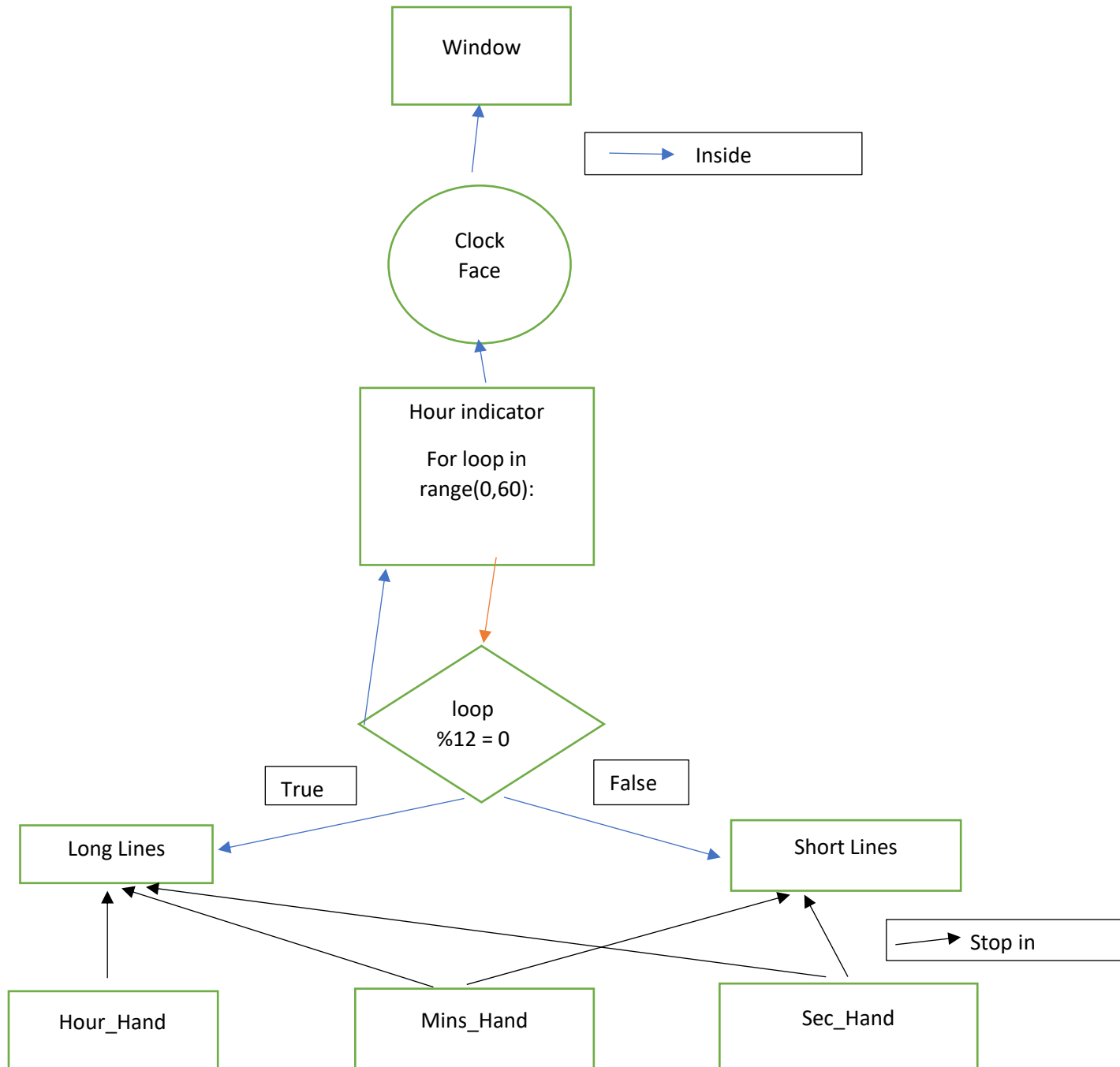


The Application Design

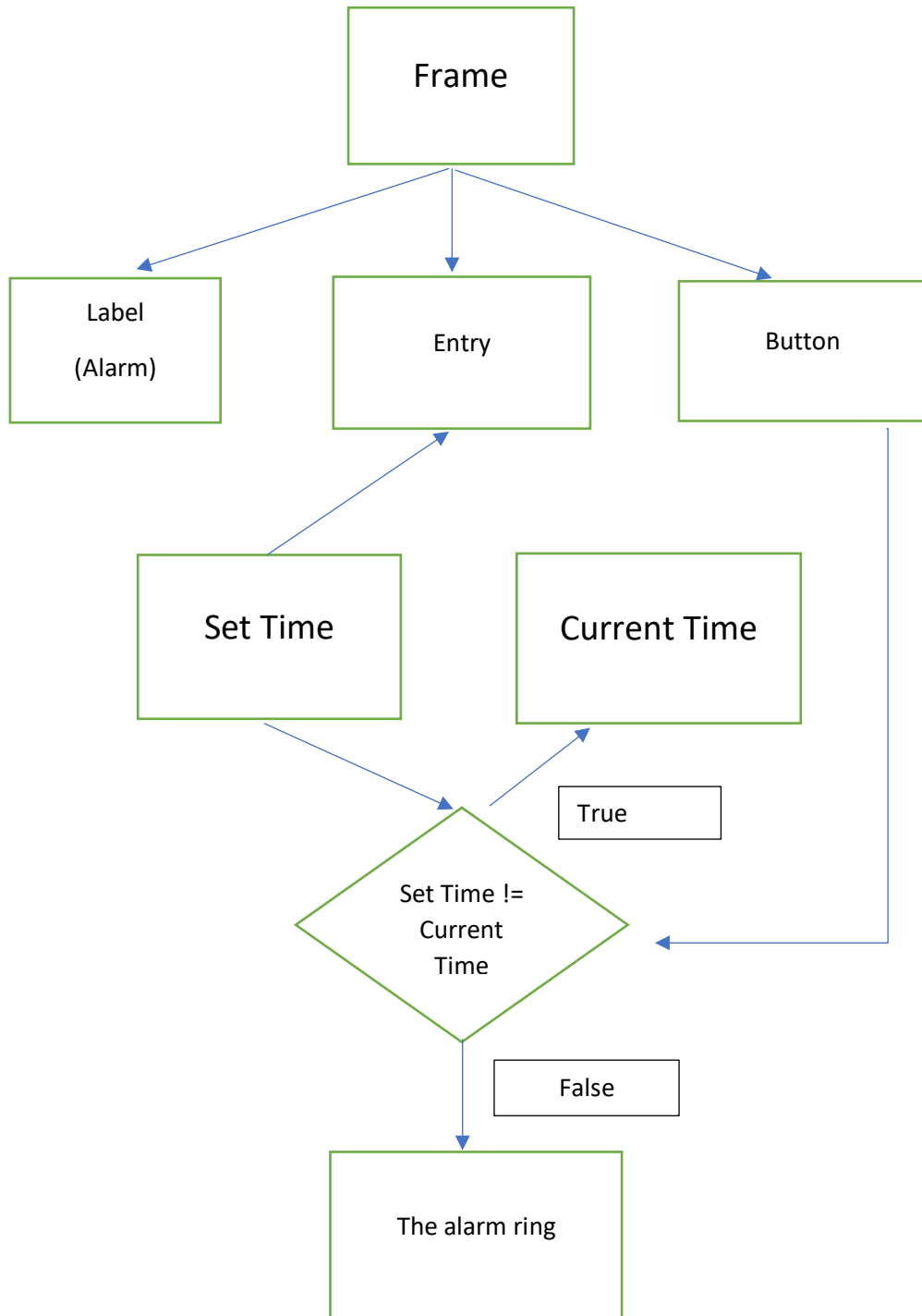


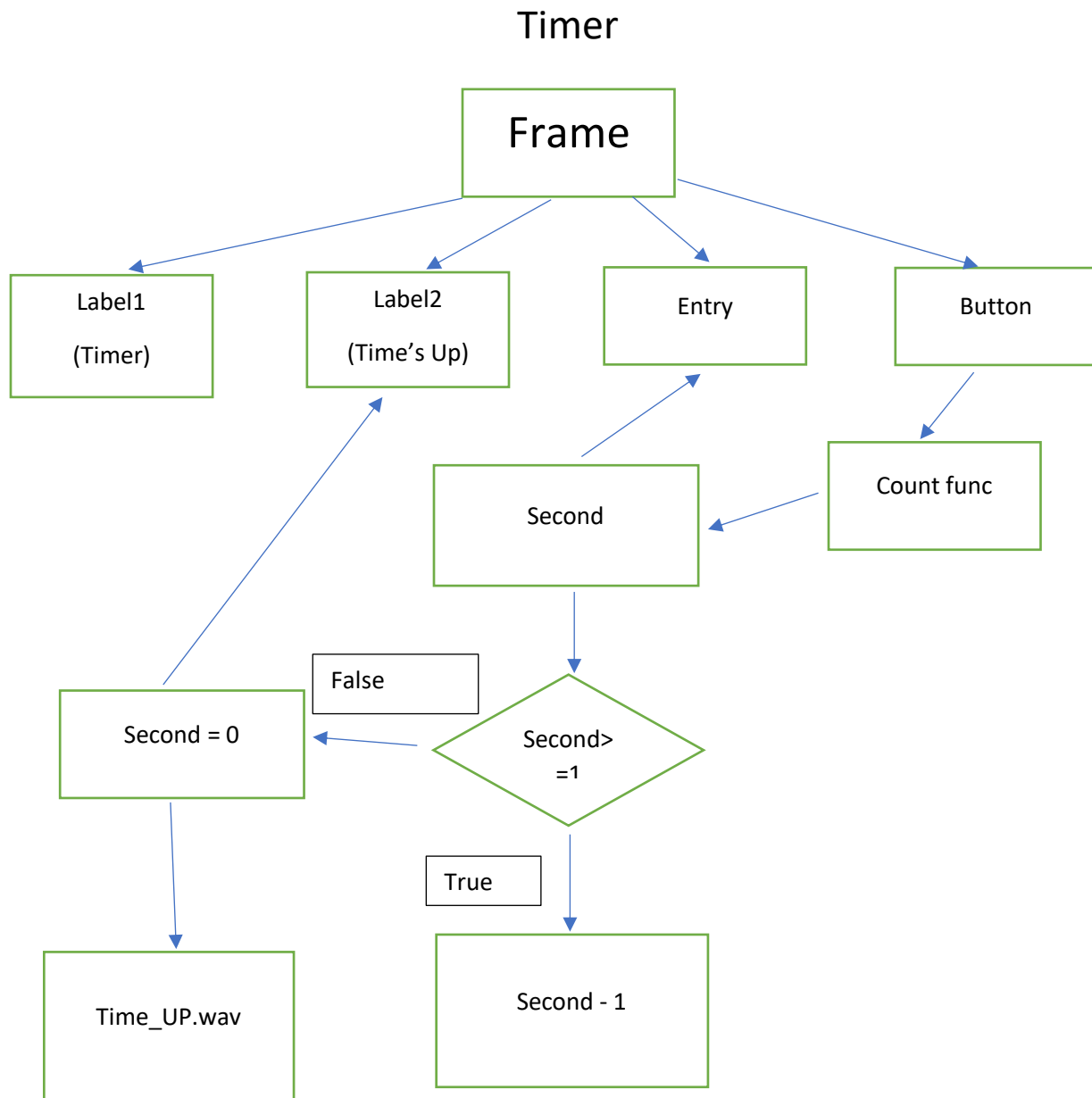
Data Structure

View Clock



Alarm





References:

<https://docs.python.org/3/library/time.html>
https://www.tutorialspoint.com/python/tk_button.htm
<https://github.com/rajkumar49/Simple-Alarm-Clock-Python/blob/master/alarm-GUI.py>
https://www.youtube.com/watch?v=degHV7_Iq-c
<https://www.youtube.com/watch?v=0isFUfClKDw>
https://www.youtube.com/watch?v=1TxuJKO_2pQ
<https://www.youtube.com/watch?v=fSn33YpJ08Y>
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