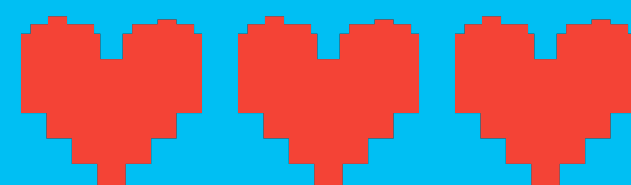


DEANNA NICDAO

POMODORO PAL™



30.09.2020

POMODORO TECHNIQUE

- Anti-procrastination technique where a time interval consists of:
 - Work period (e.g., 15 min)
 - Rest period (e.g., 5 min)
- Intervals are repeated until tasks are completed = Pomodoro session

LOGIC WALK-THROUGH



- POMODORO SESSION
 - TIMER (CRUD options)
 - TASK MANAGER (CRUD options)
 - PAL (select option)

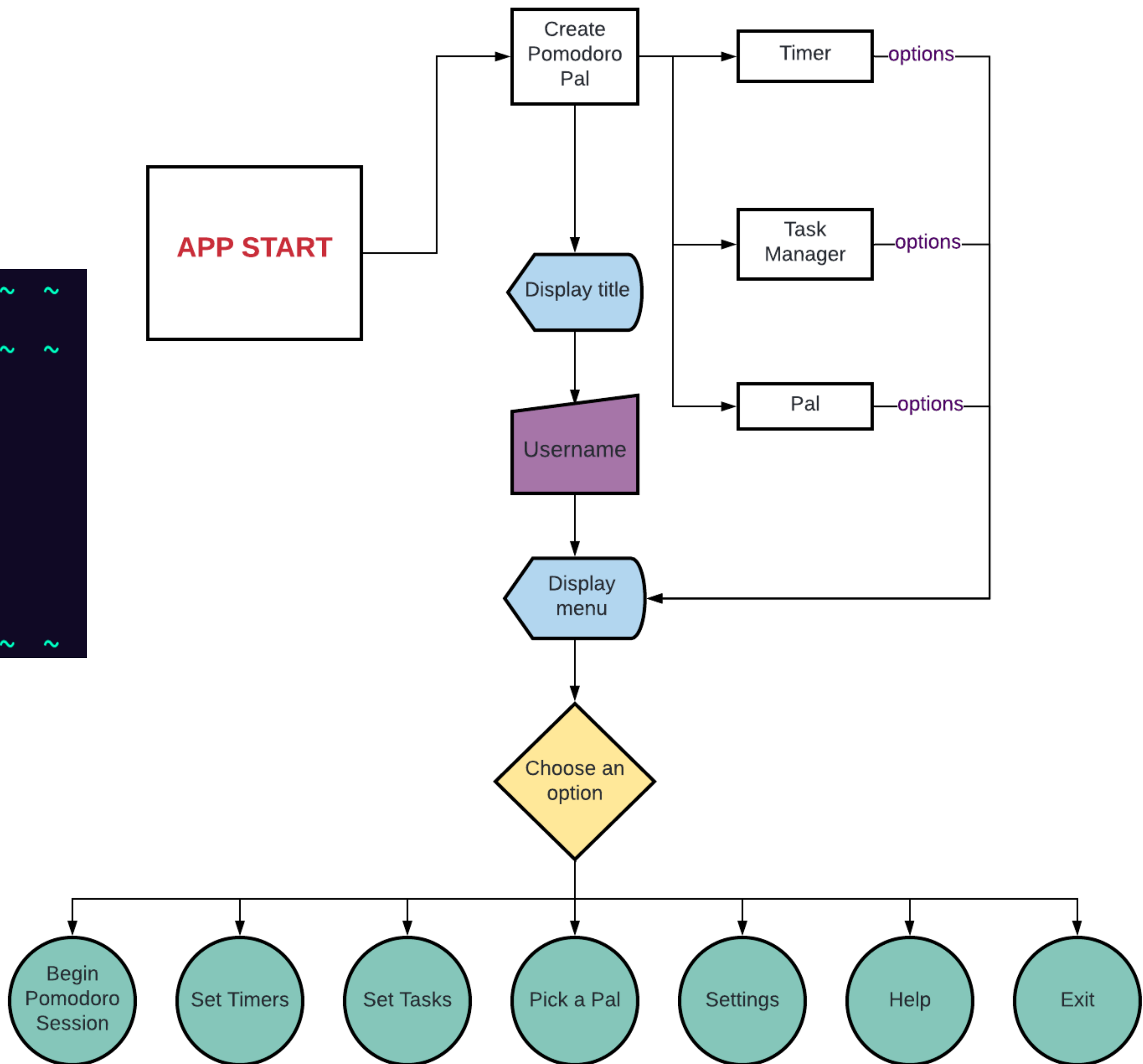
```

~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
      Welcome to PomodoroPal™
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~

      What would you like to do first?

(1) Begin Pomodoro session
(2) Set Timers
(3) Set Tasks
(4) Pick a Pal
(5) Settings
(6) Help
(7) Exit
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~

```



SET TIMERS

- Data structure: array of arrays
- Timer = [work, rest]
- Timers = [[timer(1)], [timer(2)], ... [timer(n)]]

```
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
                Welcome to PomodoroPal™
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
                What would you like to do first?

(1) Begin Pomodoro session
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(5) Settings
(6) Help
(7) Exit
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
```



VIEW TIMERS

- Data structure: array of arrays
- Timer = [work, rest]
- Timers = [[timer(1)], [timer(2)], ... [timer(n)]]

What would you like to do?

(1) Create timers

(2) View timers

(3) Delete timers

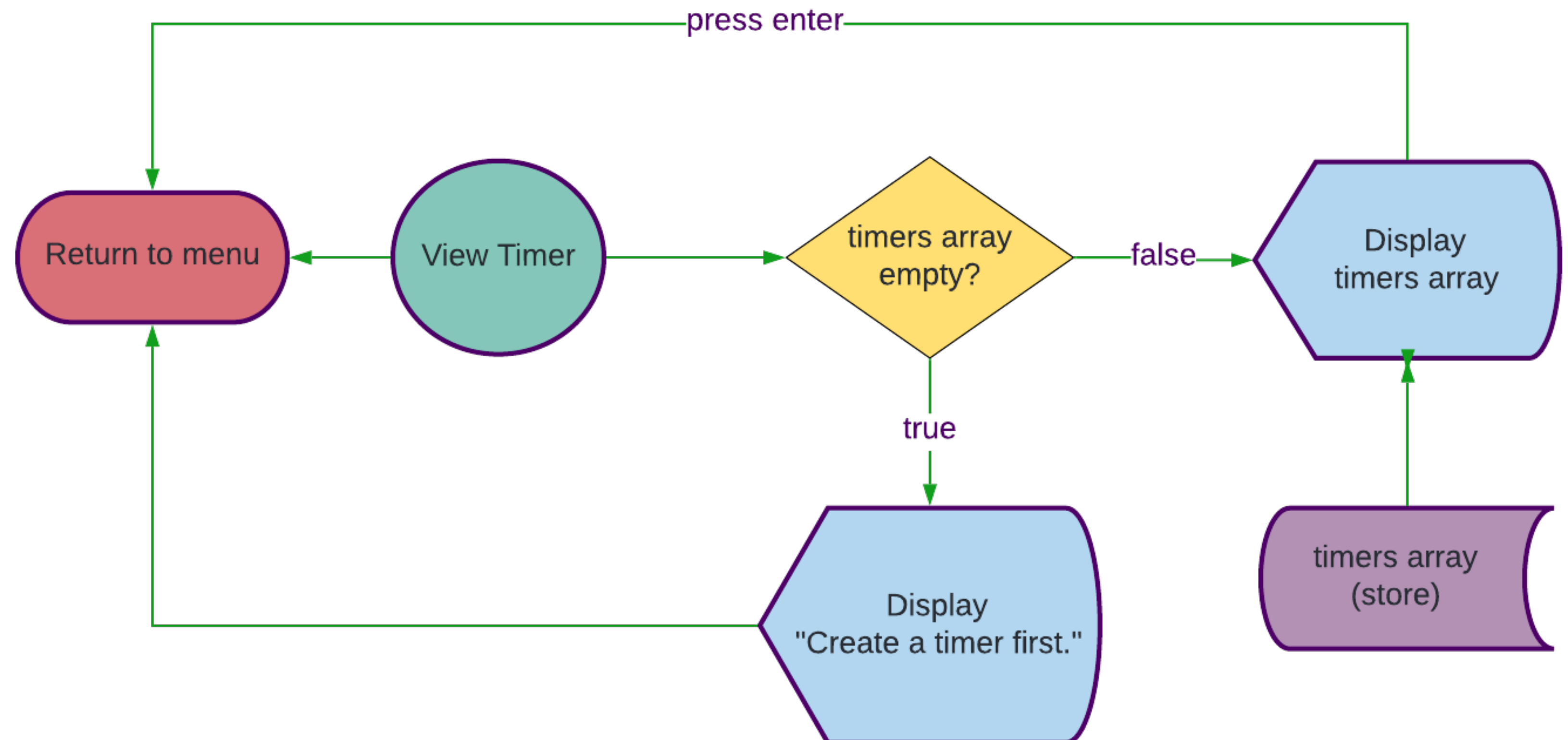
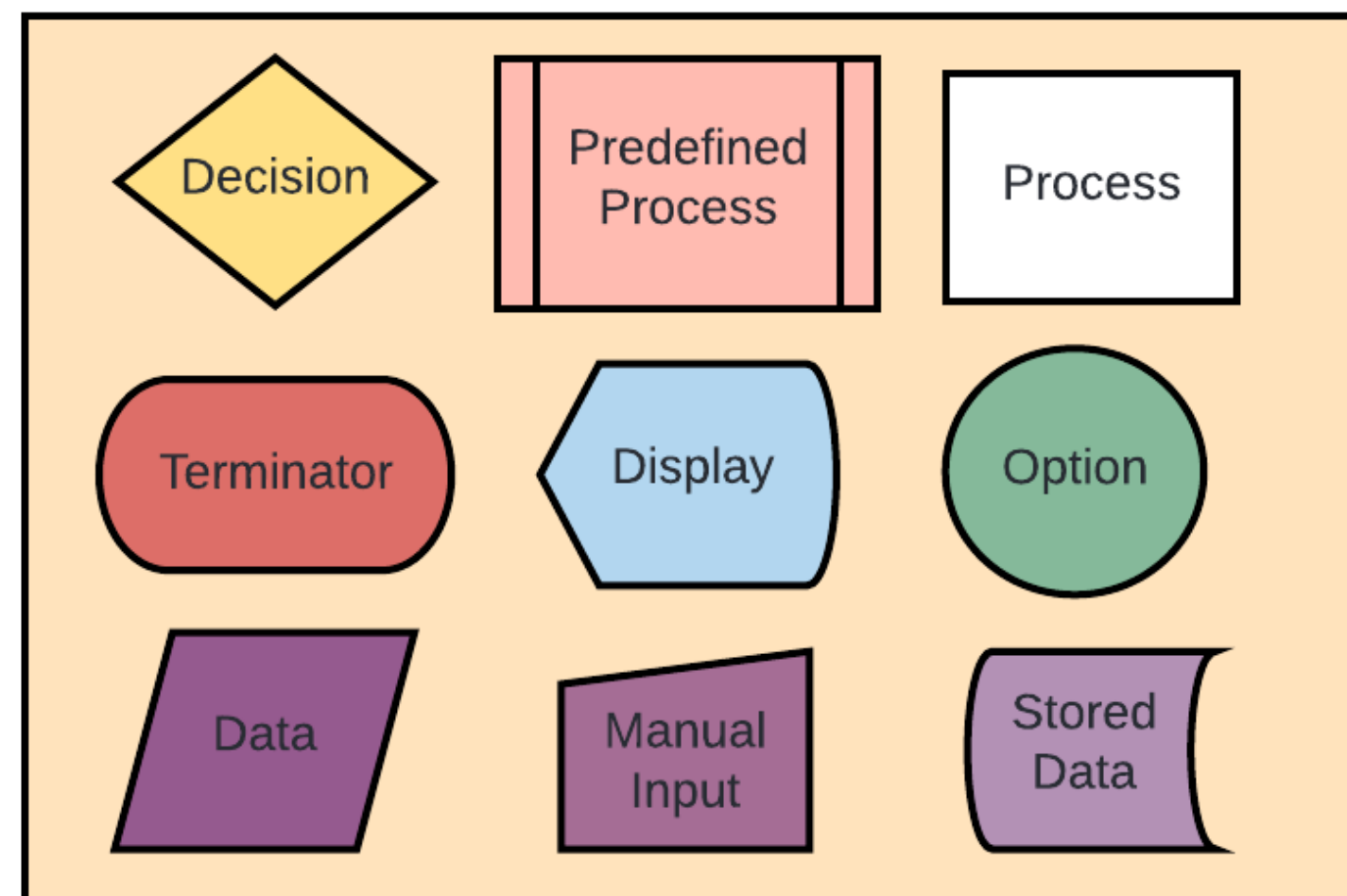
2

Here are your current timers:

1. Work timer: 50 min | Rest timer: 10 min

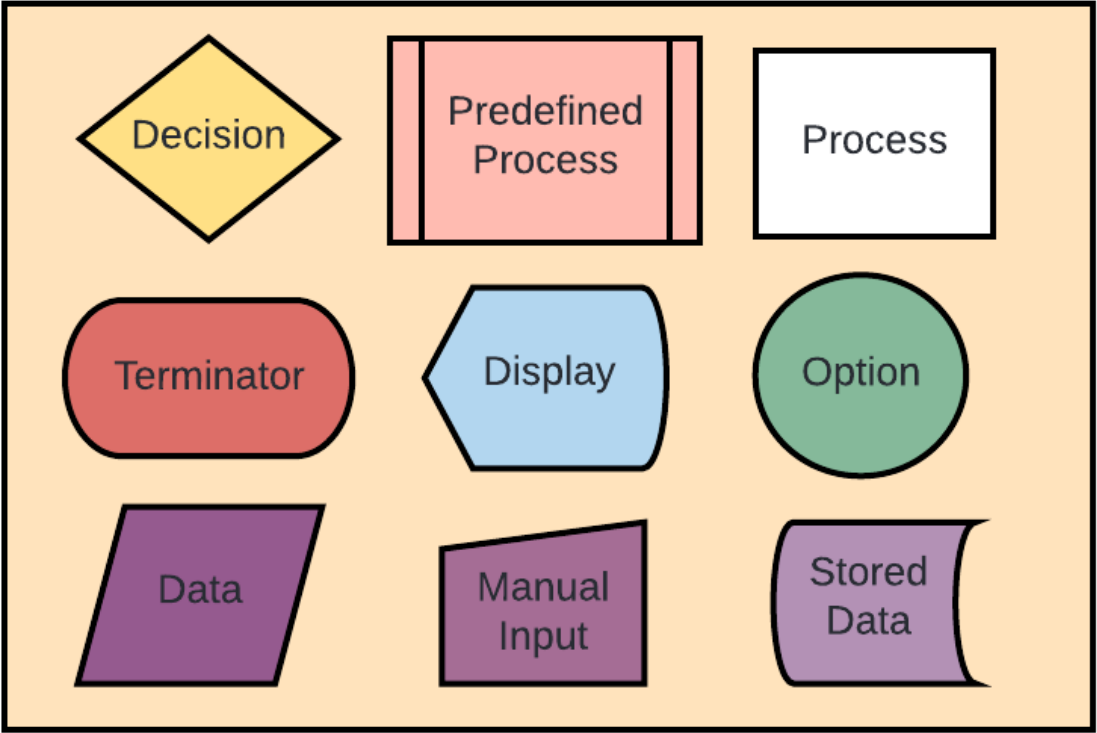
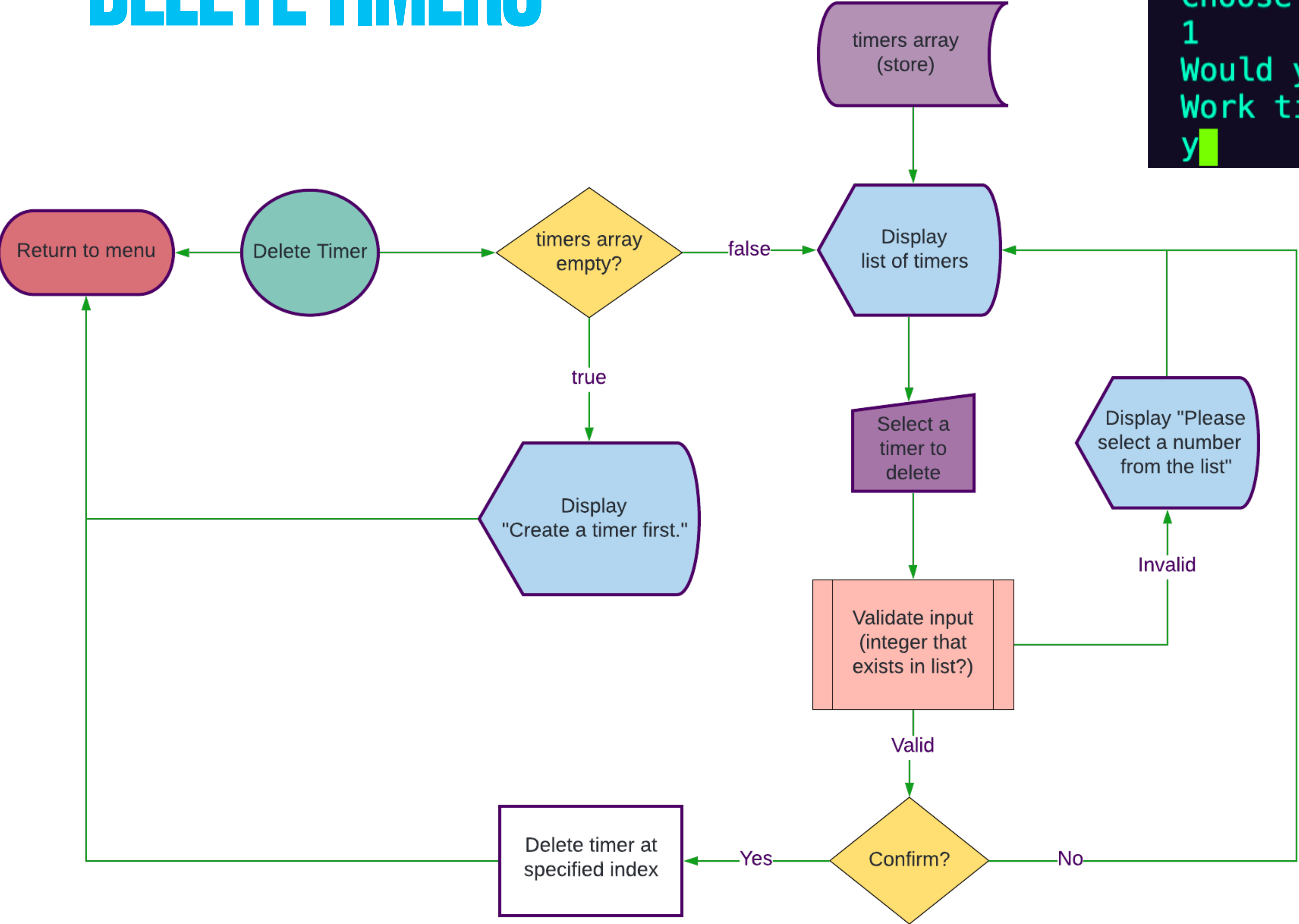
2. Work timer: 15 min | Rest timer: 5 min

press enter to return to menu



DELETE TIMERS

```
Here are your current timers:  
1. Work timer: 1 min | Rest timer: 1 min  
Choose a timer to delete  
1  
Would you like to delete this timer? (Y/N)  
Work timer: 1 min | Rest timer: 1 min  
y
```



POMODORO SESSION

Here are your current timers:

- 1. Work timer: 15 min | Rest timer: 5 min
- 2. Work timer: 35 min | Rest timer: 10 min

Choose a timer (enter a number)

1

Your timer settings are:

Work timer: 15 min

Rest timer: 5 min

Ready to begin? (Y/N)

Y

```
def countdown(timer)
  time_now = Time.now.strftime("%s").to_i
  end_time = time_now + timer
  tick = 0
  while time_now < end_time
    sleep(1)
    tick += 1
    puts "#{tick}s"
    time_now = Time.now.strftime("%s").to_i
  end
end
```

```
countdown(chosen_timer[0])
puts "Your work timer is finished."
puts "Starting rest timer:"
```

```
countdown(chosen_timer[1])
puts "Your session has ended"
puts "Would you like to:"
puts "(a) return to menu"
puts "(b) exit"
```


SET TASKS

- Data structure: Hashes stored in csv
- Task class (:username, :task_title, :task_note, :checkbox)

```
What would you like to do?  
(1) Create task  
(2) View tasks  
(3) Edit/Update tasks  
(4) Delete tasks
```

CREATE TASKS

What would you like to do?

- (1) Create task
- (2) View tasks
- (3) Edit/Update tasks
- (4) Delete tasks

1

Username:

Deanna

Would you like to assign this task to (a) yourself or (b) another user?

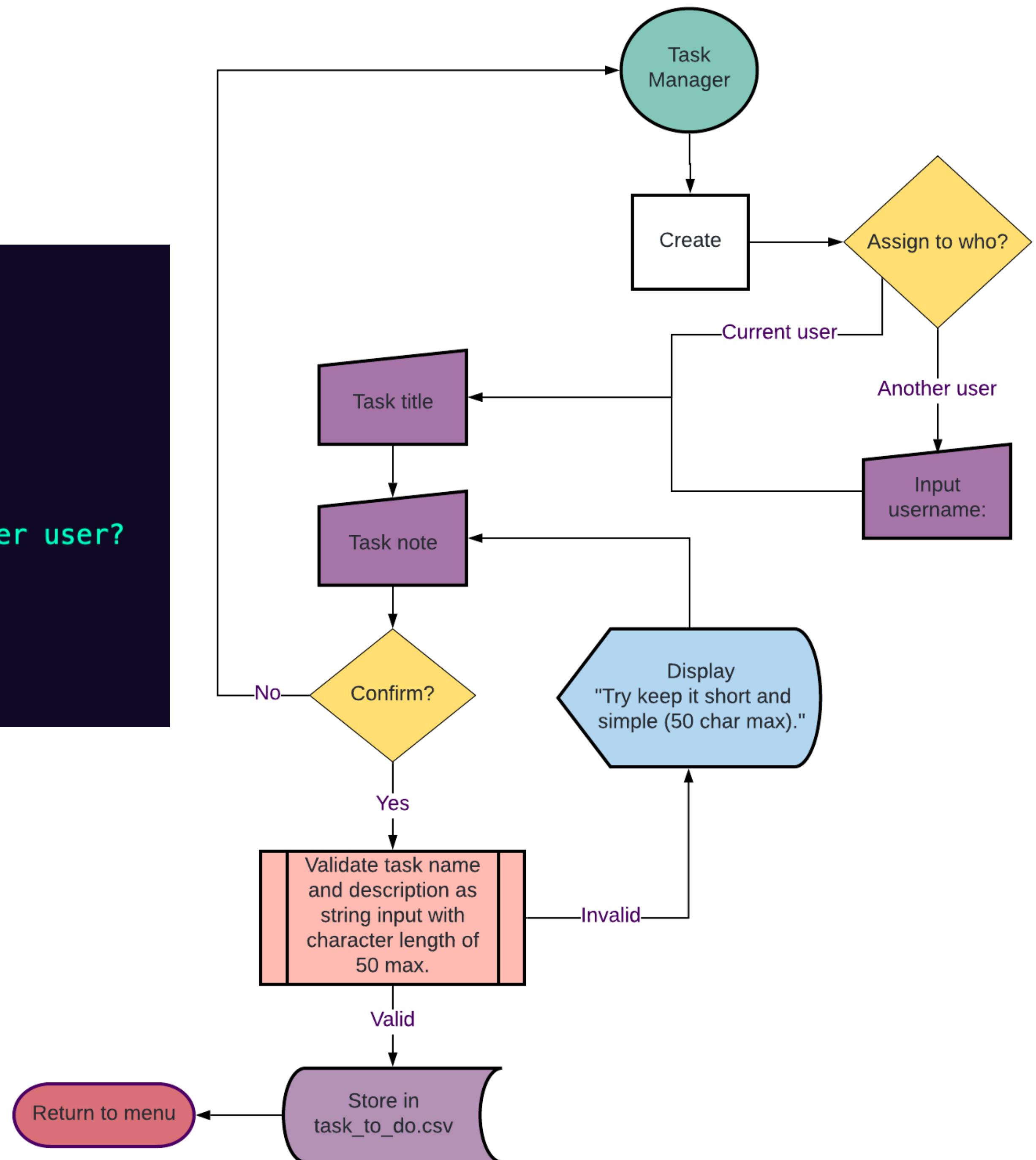
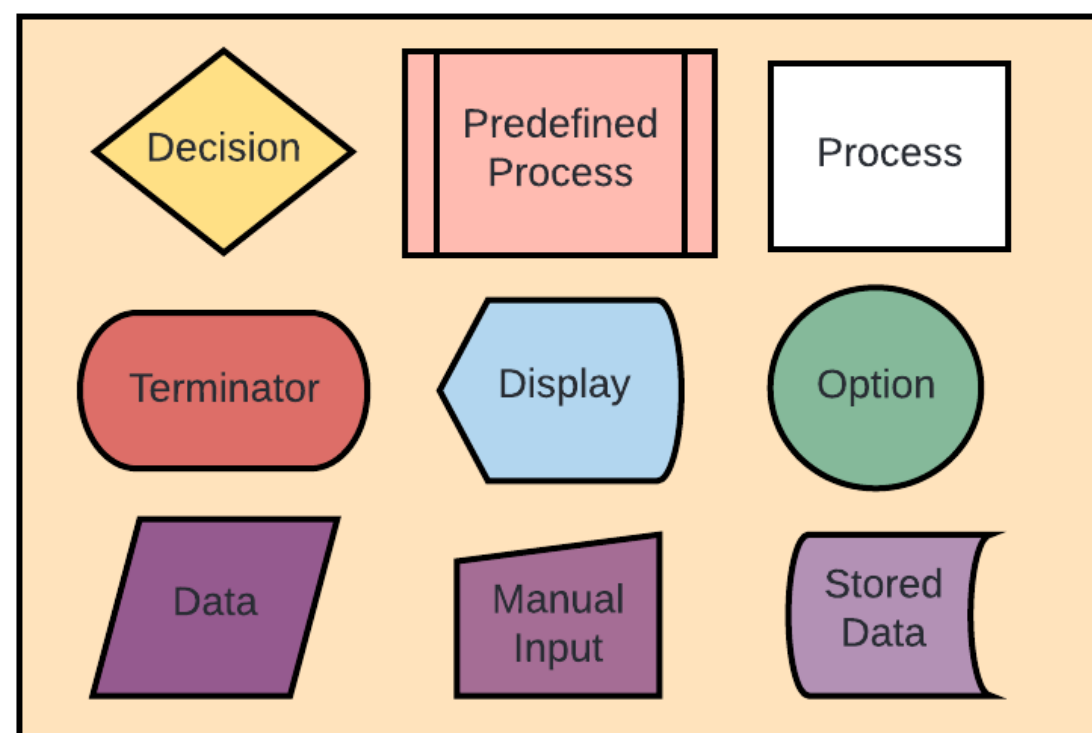
a

Task title:

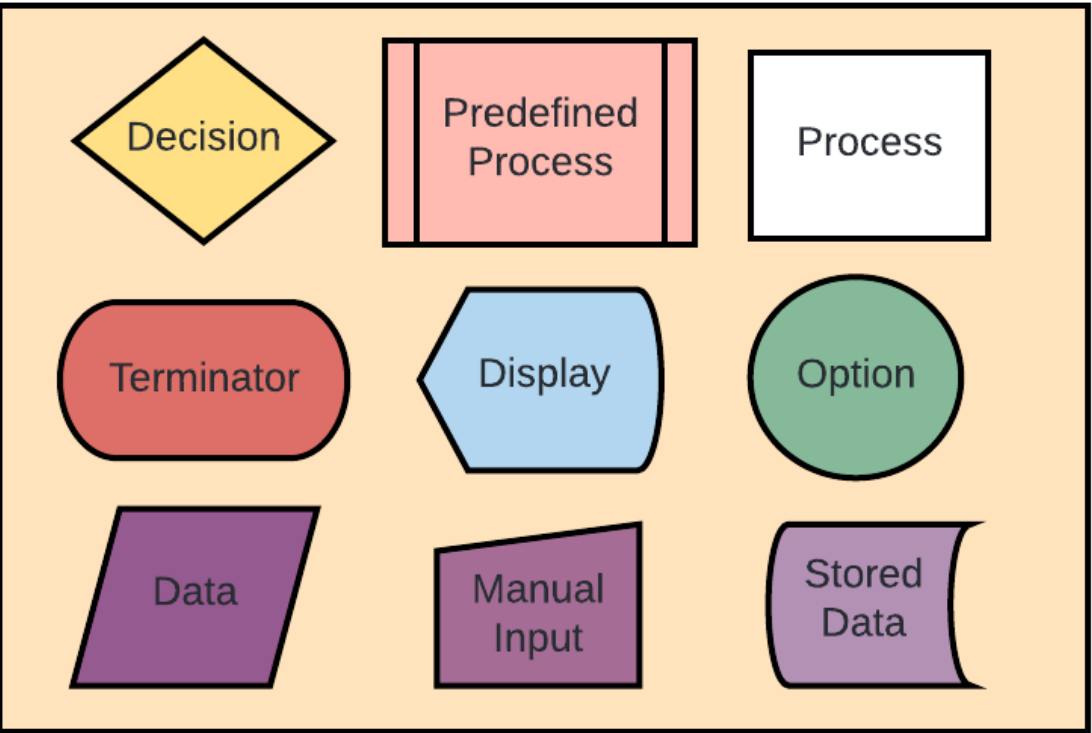
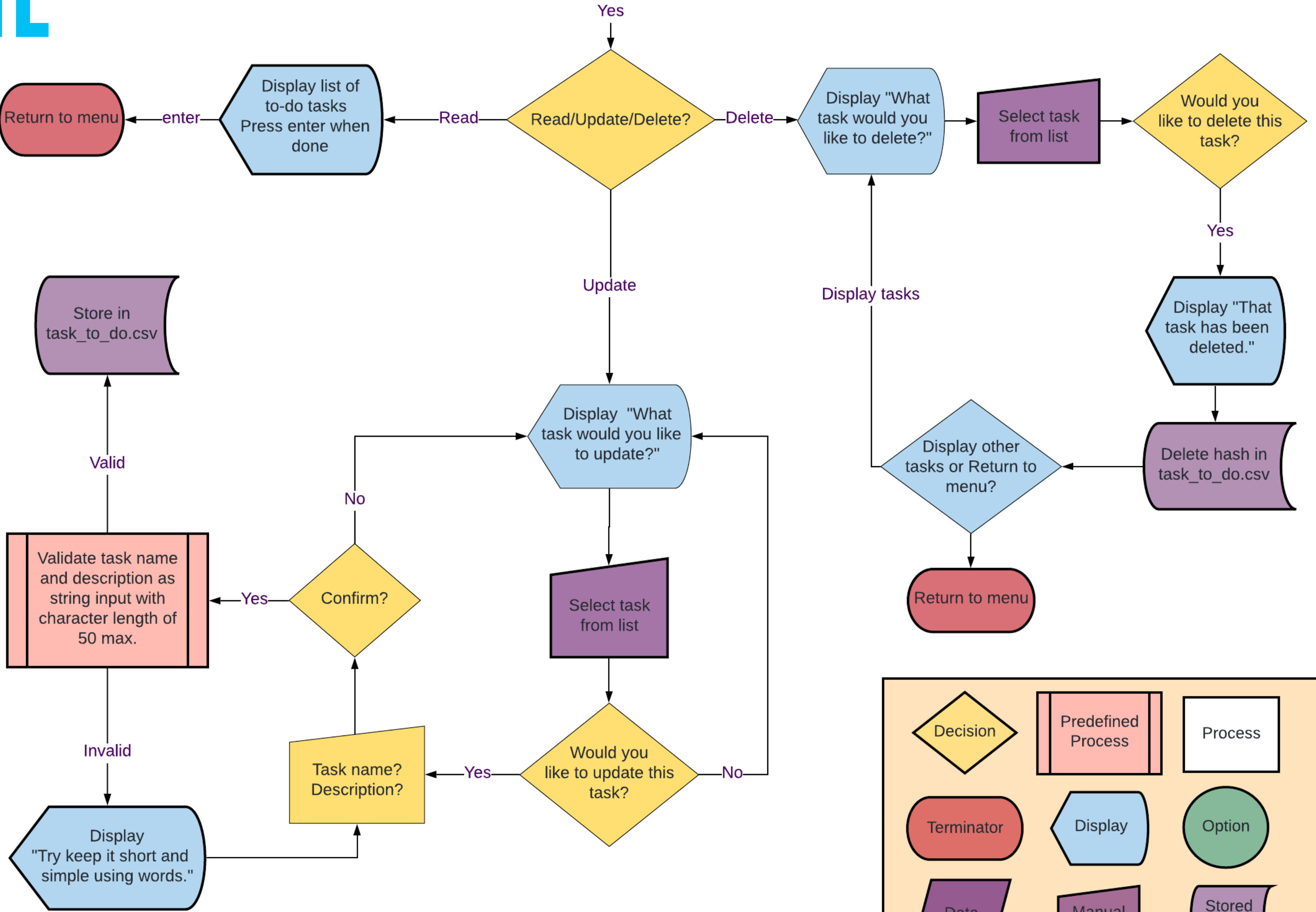
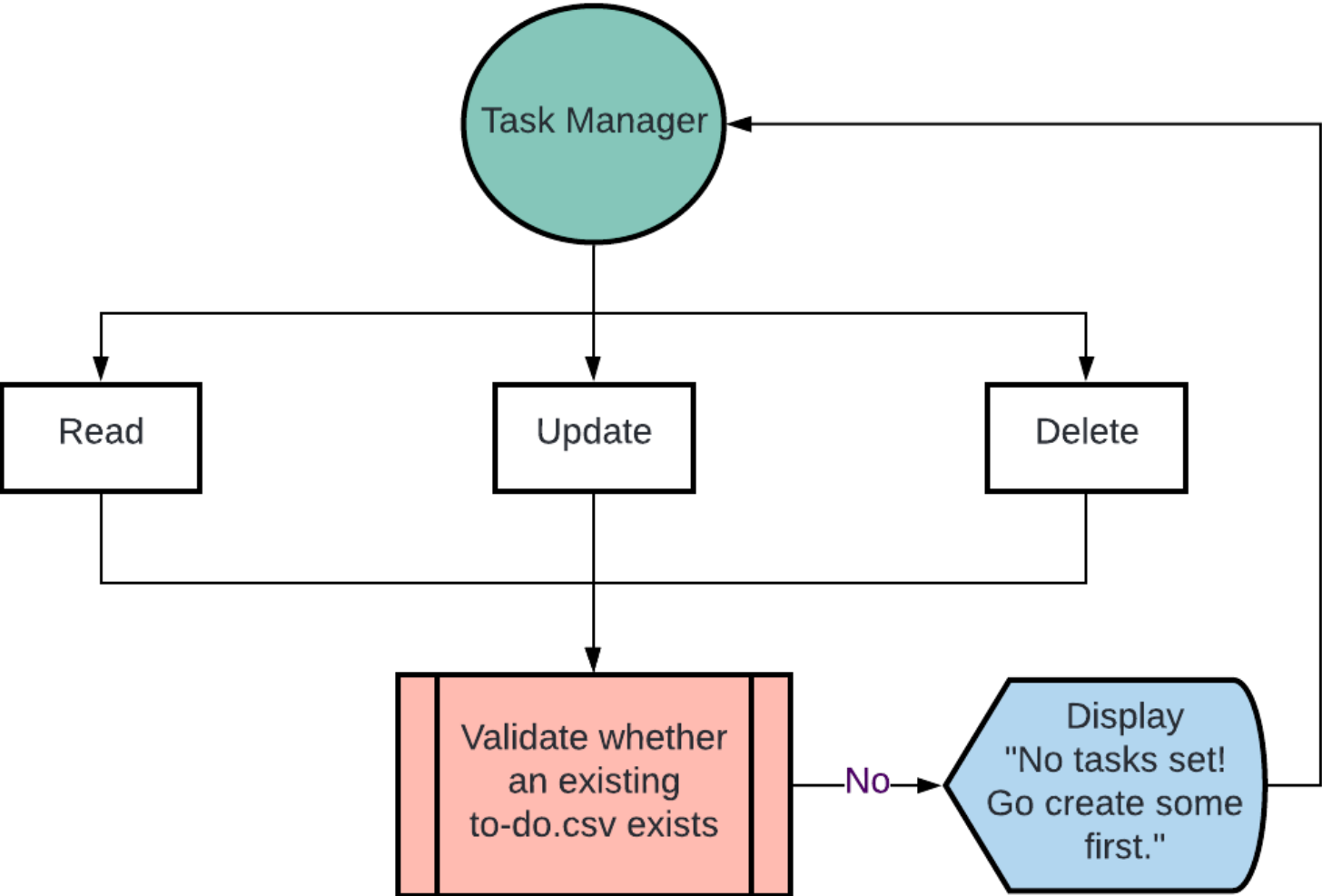
Finish slides for app

Task note:


Try not to break anything

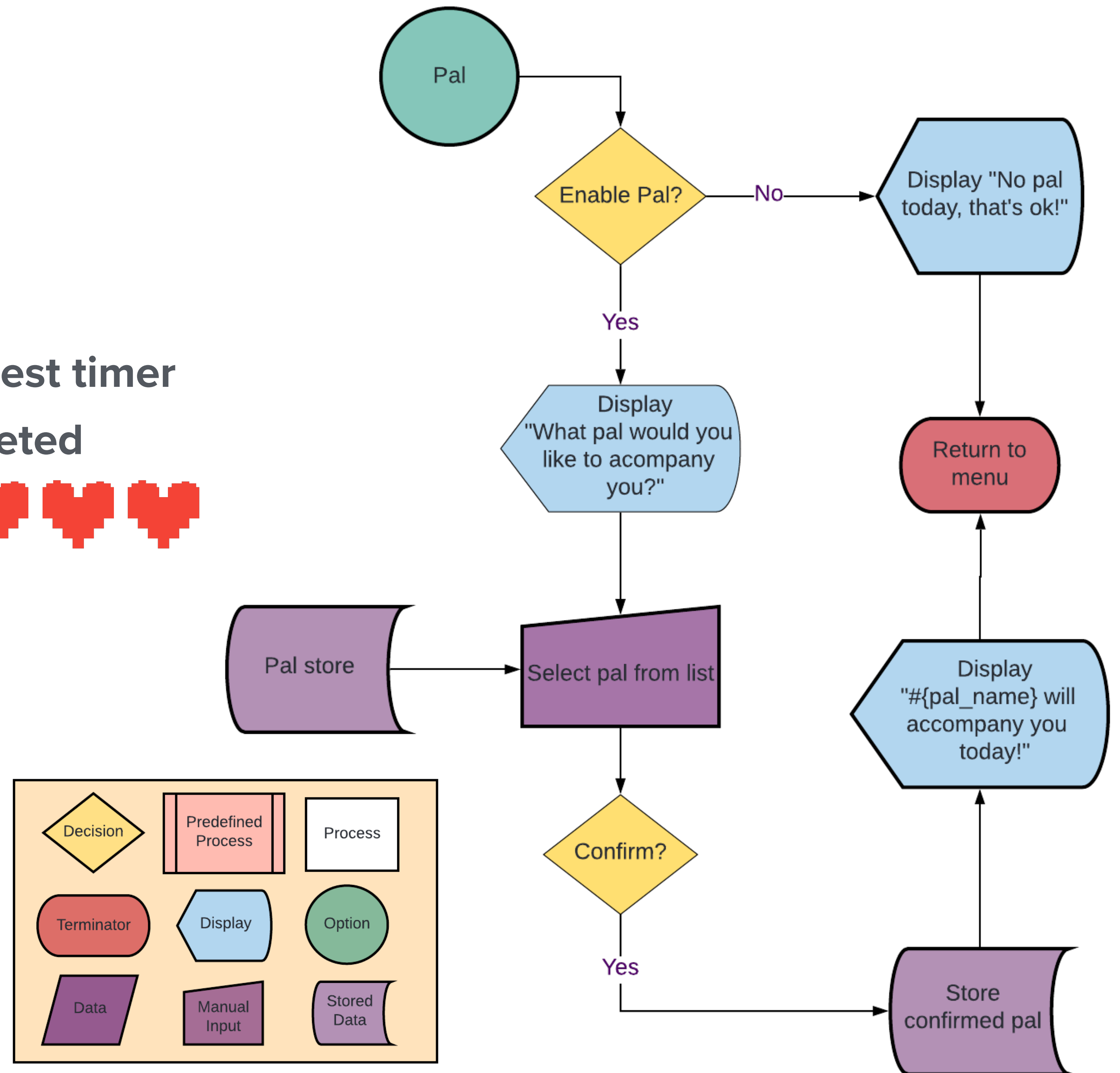


READ/UPDATE/DELETE



PICK A PAL

- .txt files (ASCII animations)
- Choose from 3 pals
- Pomodoro Pal will show up during rest timer
- Biscuit = work session + task completed
- Gain hearts for feeding your Pal 



DEV PROCESS



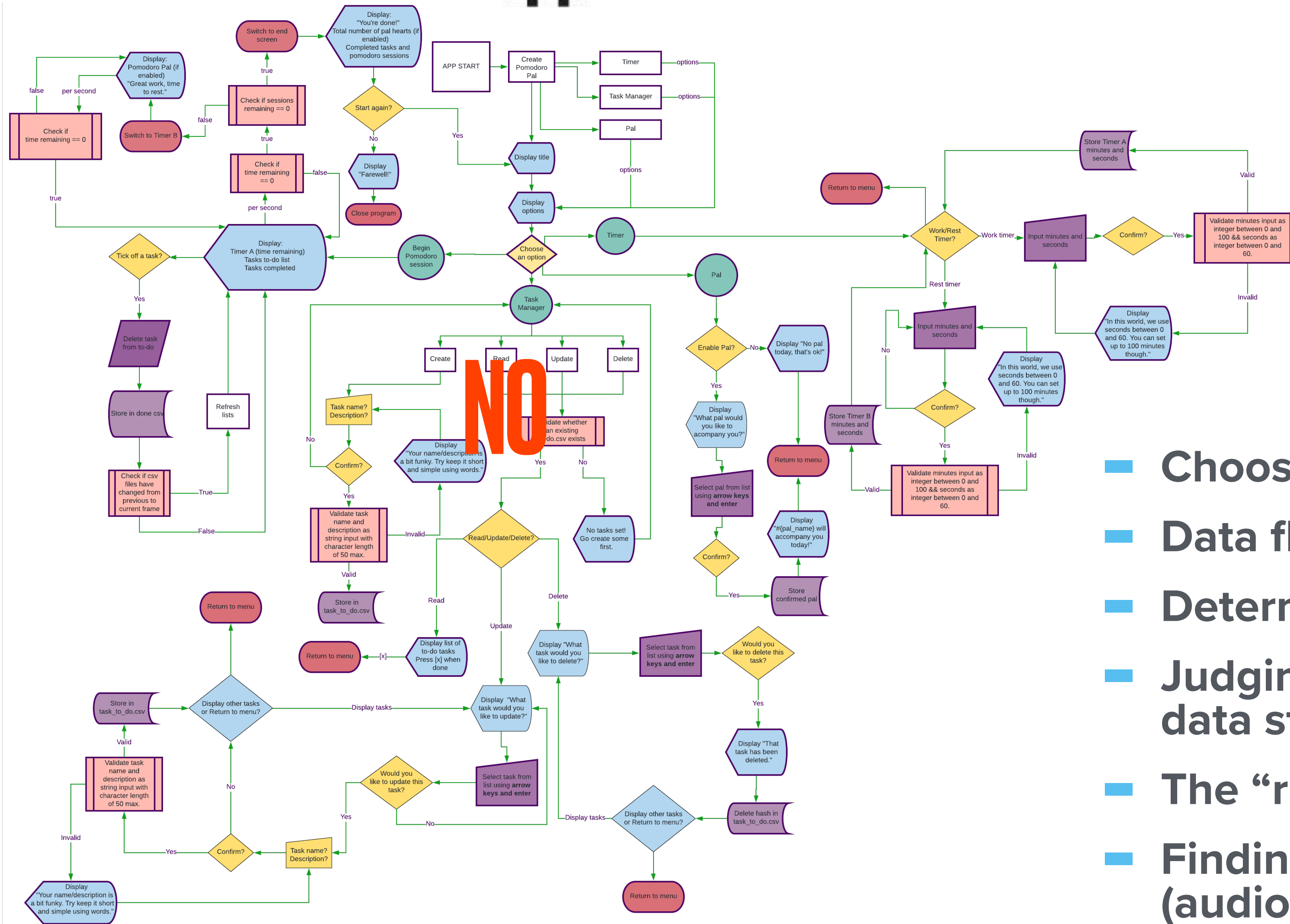
Work in progress

- Test driven development (TDD)
- README.md
- Data Flowchart
- Classes + attributes
- Lowest data structure (menu)
- Timers / Task manager

Future

- Audio gem
- Error handling
- Pick a pal
- Animations gem
- Font/colorize gem

CHALLENGES



- Choosing features
- Data flowchart size handling
- Determining classes
- Judging which one was the “lowest” data structure = start here
- The “right” logic
- Finding the right Ruby gem that works (audio/animation)

ETHICAL ISSUES

— Copyright?



FAVOURITE PARTS



- When something *finally* works
- Happy git commits
- Satisfaction of merging branches and pushing to origin master

THANKS FOR LISTENING

