Terminal Runner
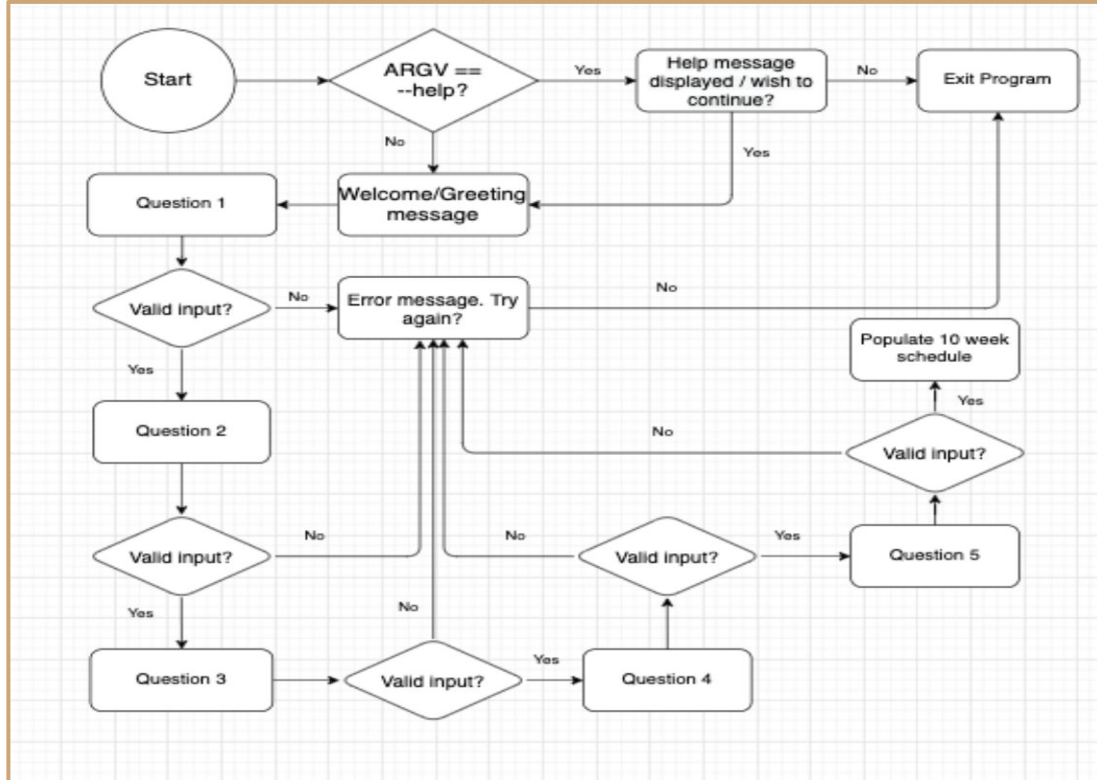## A Terminal Running Schedule Application

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Control Flow

Features:

➢ Personalised greeting once the users details are entered

➢ Three difficulty level settings (beginner, intermediate, advance)

➢ Weekly populated schedule based on the users availability and ability

➢ Ability to update schedule based on availability and time preference

Process

The Process

Planning
➢ General guidance on app idea
➢ README file(MVP)
➢ Flow chart
➢ Trello Board

Implementation
➢ Coded the MVP of the app
➢ Switched to tty-prompts from general input questions
➢ Implemented the terminal table gem

Blockers
➢ Implemented tty-prompts and terminal table very late in the development of the app.. A lot of tinkering needed to implement
➢ Ideas were not properly planned hence a lot of time wasted on guess work
➢ A lot of the planned features were taken out due to time constraints

Index.rb

```ruby
require_relative "methods"
require_relative "user"
require 'terminal-table'
require 'colorize'
require 'tty-prompt'
require 'tty-table'
# require_relative 'schedule'

prompt = TTY::Prompt.new


#Handle command line arguments

#Assigning the user
user = User.new("test","test", "test", "test", "test", "test", "test", "test")
user_hash = user.display_user_info



begin

while true
    welcome_greeting
    # case menu_input_select
    case menu_input_select
    when 1 # To create a new user
        adding = true
        while adding
            system "clear"
            puts "What is your name?"
            white_space
            name = gets.chomp
            # user_hash[:name] = name
            if(name.length > 0)
                system "clear"
                puts "#########################"
                puts "Welcome #{user.user_name(name)}"
                puts "#########################"
                white_space
                adding = false
            else
                puts "invalid name, try again"
            end
        end

        while adding == false
            white_space
            case goal_question
            when 1
                puts = "#{user.goal_input(1)}"
            when 2
                puts = "#{user.goal_input(2)}"
            when 3
                puts = "#{user.goal_input(3)}"
            end
            adding = true
```

Methods.rb

```ruby
1   # require_relative "user"
2   require 'day_planner'
3   require 'weekly_planner'
4   require 'terminal-table'
5   require "tty-prompt"
6   require_relative "user"
7
8
9   user = User.new("test","test", "test", "test", "test", "test", "test", "test")
10  user_hash = user.display_user_info
11  prompt = TTY::Prompt.new
12
13  def white_space
14      puts " "
15  end
16
17  def welcome_greeting
18      system "clear"
19      puts " "
20      puts "##################################"
21      puts "Welcome to terminal runner"
22      puts "##################################"
23  end
24
25
26  def menu_input_select
27      puts " "
28      prompt = TTY::Prompt.new
29      choices = [
30          {name: 'Create a new account', value: 1},
31          {name: 'Display user account details', value: 2},
32          {name: 'Display running schedule', value: 3},
33          {name: 'Update schedule', value: 4},
34          {name: 'Quit', value: 5}
35
36      ]
37
38      user_input = prompt.select("What would you like to do?", choices)
39  end
40
41  def goal_question
42      puts " "
43      prompt = TTY::Prompt.new
44
45      goal_hash = [
46          {name: 'Weight loss ', value: 1},
47          {name: 'Getting toned', value: 2},
48          {name: 'Performance gains', value: 3}
49      ]
50
51      user_input = prompt.select("What is your goal?", goal_hash)
52      # input = gets.chomp.to_i
53  end
54
```

user.rb

```ruby
class User
    require 'terminal-table'

    attr_reader :name, :goal, :experience, :days_off, :time_pref, :display_user_info, :print_pref_time, :weight_loss_beginner

    def initialize(name, goal, experience, days_off, time_pref, display_user_info, print_pref_time, weight_loss_beginner)
        @name = name
        @user_info = Hash.new
        @goal = goal
        @experience = experience
        @days_off = days_off
        @time_pref = time_pref
        @weight_loss_beginner = weight_loss_beginner
    end


    def user_name(name_str)
        @name = name_str.to_s
        @user_info[:name] = @name

        @user_info.each do |key, value|
            return "#{value}"
        end
    end

    def goal_input(input)
        # input = input.chomp.to_i
        if(input == 1)
            goal = "Weight loss"
        elsif(input == 2)
            goal = "Getting toned"
        elsif(input == 3)
            goal = "Performance gains"
        else
            puts "invalid input"
        end

        @goal = goal.to_s
        @user_info[:goal] = @goal

        value = "goal"
        system "clear"
        puts "#########################"
        puts "Your goal is #{@user_info[value.to_sym]}"
        puts "#########################"

    end

    def experience(input)
        # input = input.chomp.to_i
        if(input == 1)
            exp = "Beginner"
        elsif(input == 2)
            exp = "Intermediate"
        elsif(input == 3)
            exp = "Advance"
```

Start up screen

Personalised greeting/ goal input

```
###########################
Welcome John
###########################


What is your goal? (Press ↑/↓ arrow to move and Enter to select)
▸ Weight loss
  Getting toned
  Performance gains
```

Users information

```
#########################

User Information

#########################

X==========================================X==========================================X
|   name                                    |   John                                    |
X==========================================X==========================================X
X==========================================X==========================================X
|   goal                                    |   Weight loss                             |
X==========================================X==========================================X
X==========================================X==========================================X
|   experience                              |   Beginner                                |
X==========================================X==========================================X
X==========================================X==========================================X
|   days_off                                |   Monday                                  |
X==========================================X==========================================X
X==========================================X==========================================X
|   time_pref                               |   Mornings                                |
X==========================================X==========================================X
Press any key to continue
```

Daily running schedule

Terminal Runner

Live demo

Challenges

➢ Time constraints - Busy time of the year
➢ Understanding of ruby

➢ Bugs

➢ Lack of attention to detail

➢ A lot more time and effort should have been spent in the planning phase

➢ Unable to finish app - unable to incorporate all the planned features

➢ Didn't incorporate any of the planned sprinkles