

Project Title: Digital Task Tracker using a Systemized Layout.

Problem Statement

Many people, especially students, find it difficult to manage their tasks effectively. This is usually caused by busy schedules or frequent distractions, and this often causes them to forget responsibilities. Consequently, they experience stress and are needed to cram, often resulting in negative impacts in their productivity and well-being.

Project Objectives

- To give students a means of effective task management.
- Allow students to easily organize and edit tasks.
- Make for a simple yet detailed orientation arrangement of tasks.
- Accessibility to daily or weekly tasks.

Planned Features

- Task Name Edit
- Description
- Instructions or Steps
- Timer
- Option between Daily or Weekly Task
- Deadline

Planned Inputs and Outputs

- Output: Shows the list of tasks the user has made, including finished and unfinished tasks

- Output: The code prints "Name of task:"

Input: The user inputs the name of the task, e.g. "Assignment in CS"

- Output: The code prints "Task Description:"

Input: The user inputs the description, e.g. "This assignment is worth 10 points."

- Output: The code gives the user the choice between "Instructions" or "Steps"

Input:

- If the user chooses "Instructions", the user then writes it in the paragraph form, e.g.

Make a flowchart that calculates the time it takes for a car moving at 40km/h to reach from Manila to Cebu.

- If "Steps", then the user writes in the bullet form, e.g.:

- Construct a flowchart
- Calculate the time a car moves from Manila to Cebu moving at 40km/h

- Output: The code prints "Timer:"

Input: The user inputs the "Timer", e.g. 1:30-2:00PM.

- Output: The option for task category to be "Daily" or "Weekly" is printed

Input:

- If "Daily", the task is categorized as "Daily".

- If "Weekly", the task is categorized as "Weekly".

- Option Outputs: "Daily": Daily Task || "Weekly": Weekly Task

- Output: The code prints "Deadline:"

Input: The user inputs the "Deadline", e.g. 10/2/2025 at 4:00PM

- Output: Shows the entire description of the Task, e.g.

- Task Name: Assignment in CS

- Task Description: This assignment is worth 10 points.

a) Instructions: Make a flowchart that calculates the time it takes for a car moving at 40km/h to reach from Manila to Cebu.

b) Steps:

- Construct a flowchart
- Calculate the time a car moves from Manila to Cebu moving at 40km/h

- Timer: 1:30-2:00PM

- Daily Task / Weekly Task

- Deadline: 10/2/2025 at 4:00PM

Logic Plan

Pseudocode:

BEGIN

Set ListOfTasks as an empty list

REPEAT

Display "Task Name: "

Input taskName then end line

Display "Task Description: "

Input taskDescription then end line

Display "Would you like to provide Instructions or Steps?"

Display "1. Instructions"

Display "2. Steps"

Input choice then end line

if choice == "instructions" then

 Display "Enter Instruction(paragraph form): "

 Input instructions

 steps = None

else if choice == "steps" then

 Display "Enter Steps(bullet form, type DONE if finished): "

 REPEAT

 if step != "DONE" then

 add step to steps

 endif

 until step == "DONE"

 instructions = None

endif

Display "Input Timer(e.g. 1:30-2:00PM): "

Input timer then end line

Display "Select Task Category"

Display "1. Daily"

Display "2. Weekly"

Input category then end line

if category == "Daily" then

 taskCategory == "Daily Task"

elseif

taskCategory == "Weekly Task"

endif

Display "Deadline: "

Input deadline then end line

CREATE newTask with:

Name = taskName

Description = taskDescription

Instructions = instructions

Steps = steps

Timer = timer

Category = category

Deadline = deadline

ADD newTask TO taskList

Display "Do you want to add another task?"

Display "1. Yes"

Display "2. No"

Input moreTasks then end line

until moreTasks == "no"

/Final Output

Display "|||| List of Tasks ||||"

for each task in taskList

Display "Task Name: " + taskName

Display "Task Description: " + taskDescription

if instructions != "None" then

 Display "Instructions: " + instructions

elseif steps != "None" then

 Display "Steps: " + steps

end if

Display "Timer: " + timer

Display "Task Category: " + taskCategory

Display "Deadline: " + deadline

Display "||||||||||||||||||||"

END