

# ACTIVITY PLANNER

Term Project

**ATABERK ERDAY**

Stud. Num.: 220105030

01/02/2024

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COMP2005

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## INSTRUCTIONS

To add a new task:

1. Click the **Add Task** button.
2. Choose Task Start Date
3. Choose Task End Date
4. Click **Save Task Dates** button.
5. Give Task Description.
6. Click the **Save Description** button.
7. Click the **Save note** button.

If the dates are available and your task end date is later than your start date, the application should save the note successfully.

To Display Tasks:

- You can display all the tasks with the Show **All Tasks** button.
- You can display the tasks that only occupies one single day with **Display Daily Tasks** button.
- You can display the tasks that occupies seven days with **Display Weekly Tasks** button.



## DESIGN CONSIDERATIONS-FLAWS-PROBLEMS

### DESIGN CONSIDERATIONS

While programming the project I used tkcalender for a better user interface but using tkcalender lead me to some logic-oriented problems. Tkcalender date range predefined functions generate datetime.date objects for saving and using that data to demonstrate occupied dates. My first approach was to convert the datetime.date objects into integer timestamp values but it didn't go well as I expected. I ended up converting datetime objects into string list objects in order to filter and display the values to the user in a more readable approach. I Tried my best to implement a MVC structure for this project but my lack of experience with the MVC structure alongside with my lack of knowledge on python prevented me from doing so. I made the application as CSV write-read and I am unable to convert to python pickle and I did not want it to copy paste code from AI applications.

### FLAWS and PROBLEMS

Project does not use pickle.

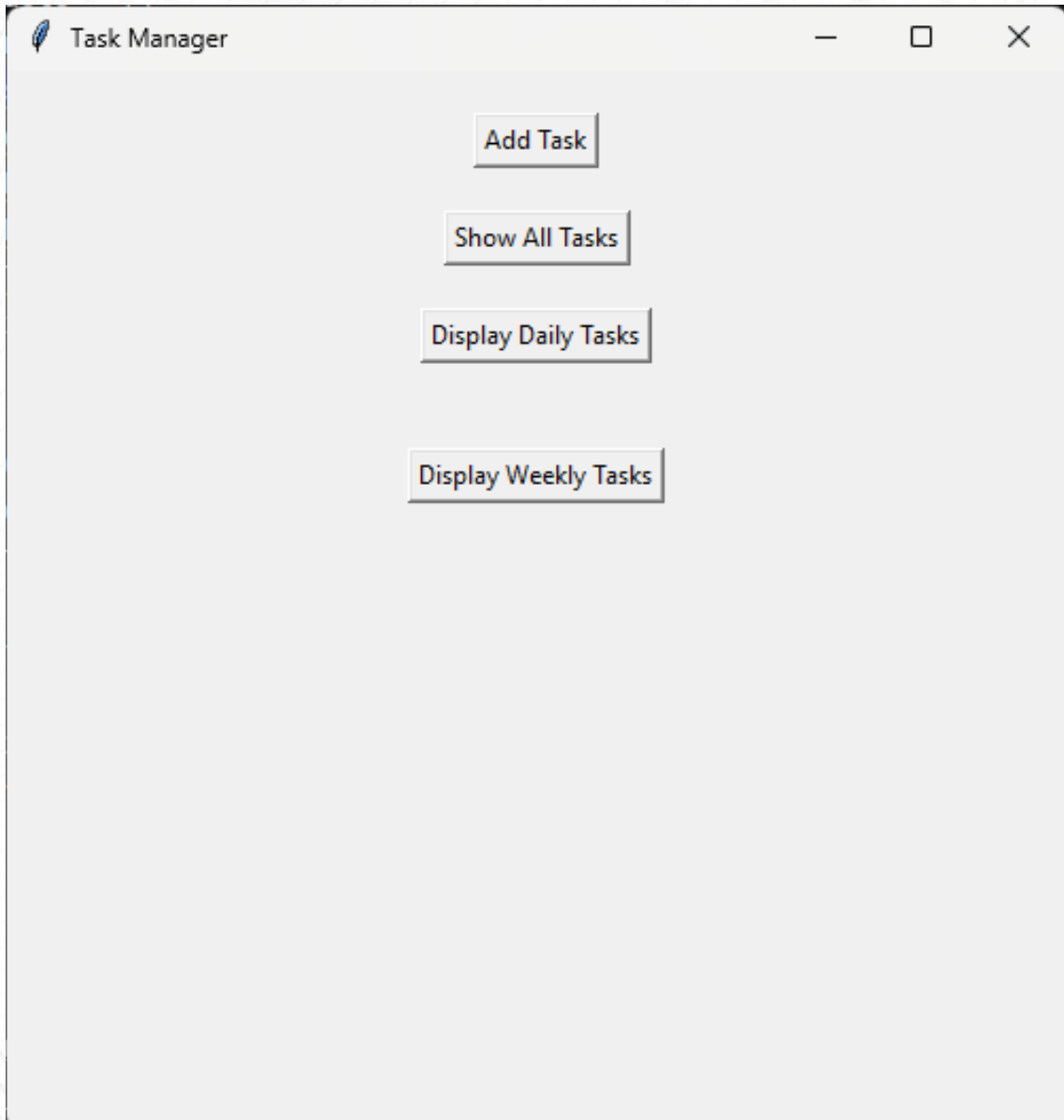
Project cannot handle (probably) long term use, because of the way it displays dates.

Project does not display available dates, but it does send a warning message, pointing that the chosen dates are not available.

# Gallery

## MAIN WINDOW

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# Gallery

## DISPLAY DAILY TASKS WINDOW

Task Display		
Start Date	End Date	Description
12/29/2023	12/30/2023	Yilbasi icin hazirlik



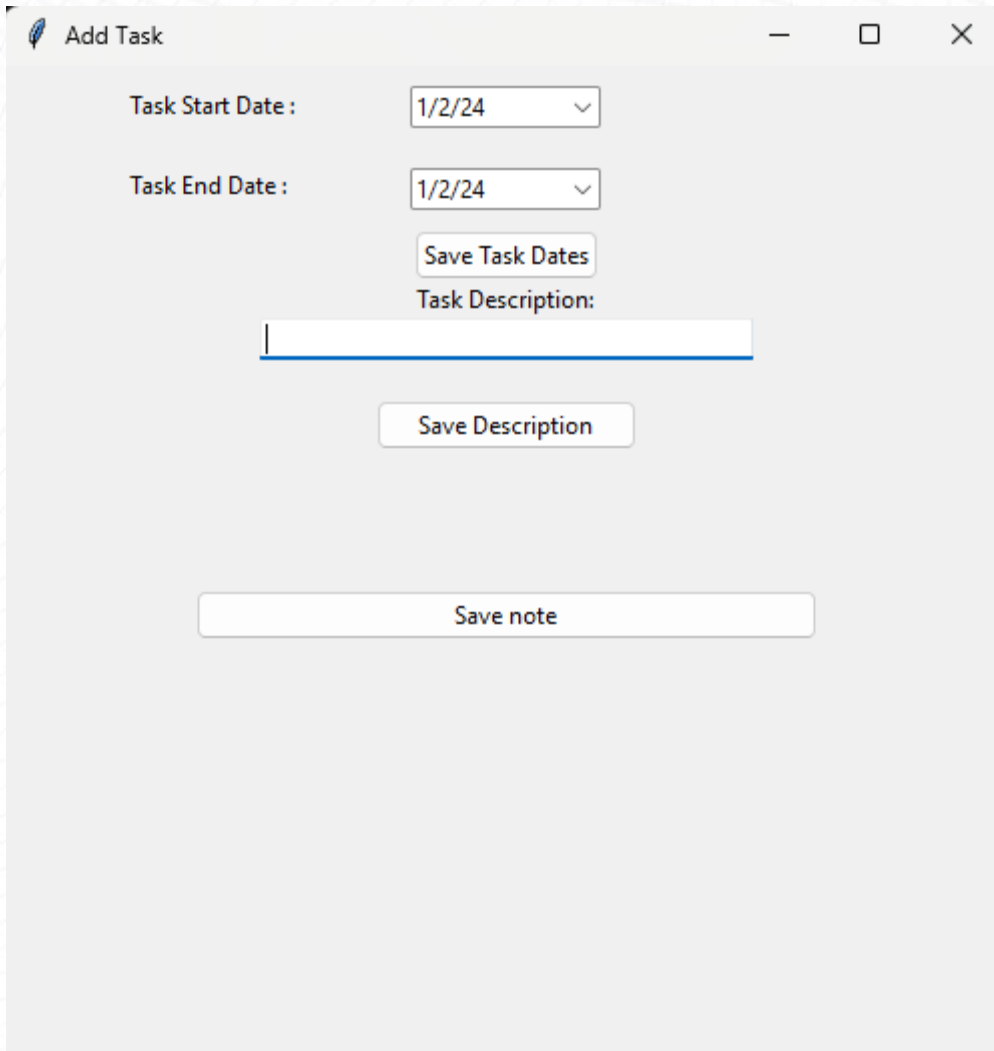
# Gallery

## SHOW ALL TASKS WINDOW

Task Display		
Start Date	End Date	Description
12/29/2023	12/30/2023	Yilbasi icin hazirlik
01/02/2024	01/04/2024	ders calis
01/06/2024	01/12/2024	Haftalik task

# Gallery

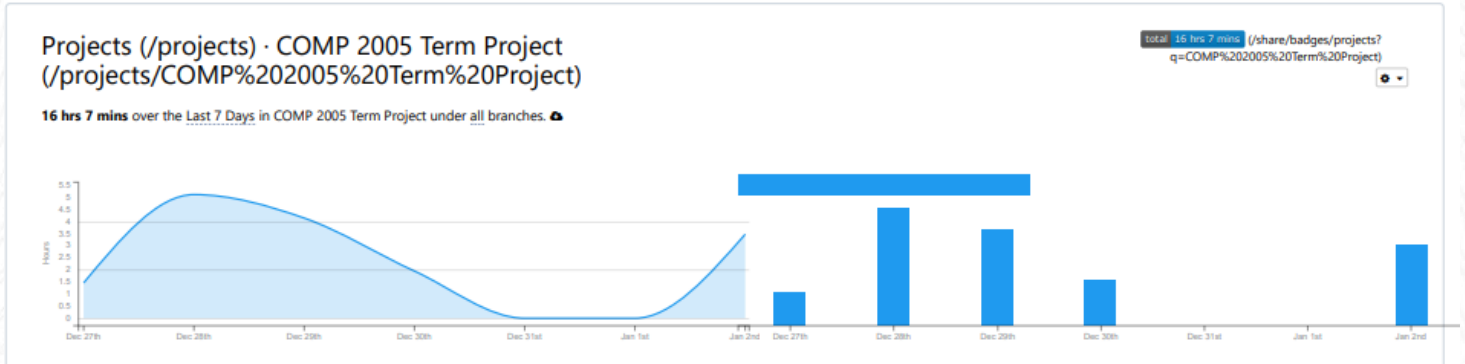
## ADD NEW TASK WINDOW



The screenshot shows a window titled "Add Task" with a standard Windows-style title bar (minimize, maximize, close buttons). The window contains the following elements:

- Task Start Date :** A date picker dropdown menu showing "1/2/24".
- Task End Date :** A date picker dropdown menu showing "1/2/24".
- Save Task Dates**: A button located below the date pickers.
- Task Description:** A text label above a text input field.
- Save Description**: A button located below the task description input field.
- Save note**: A large button at the bottom of the window.

# Proof of Work





# Proof of Work

