

# To Do List Application



A PIT project, built using Java programming language. It is a kind of task scheduler where it records and filter the user input data. It also compute the total tasks input or filtered inputs by the user.

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Section: CpE\_1A\_1

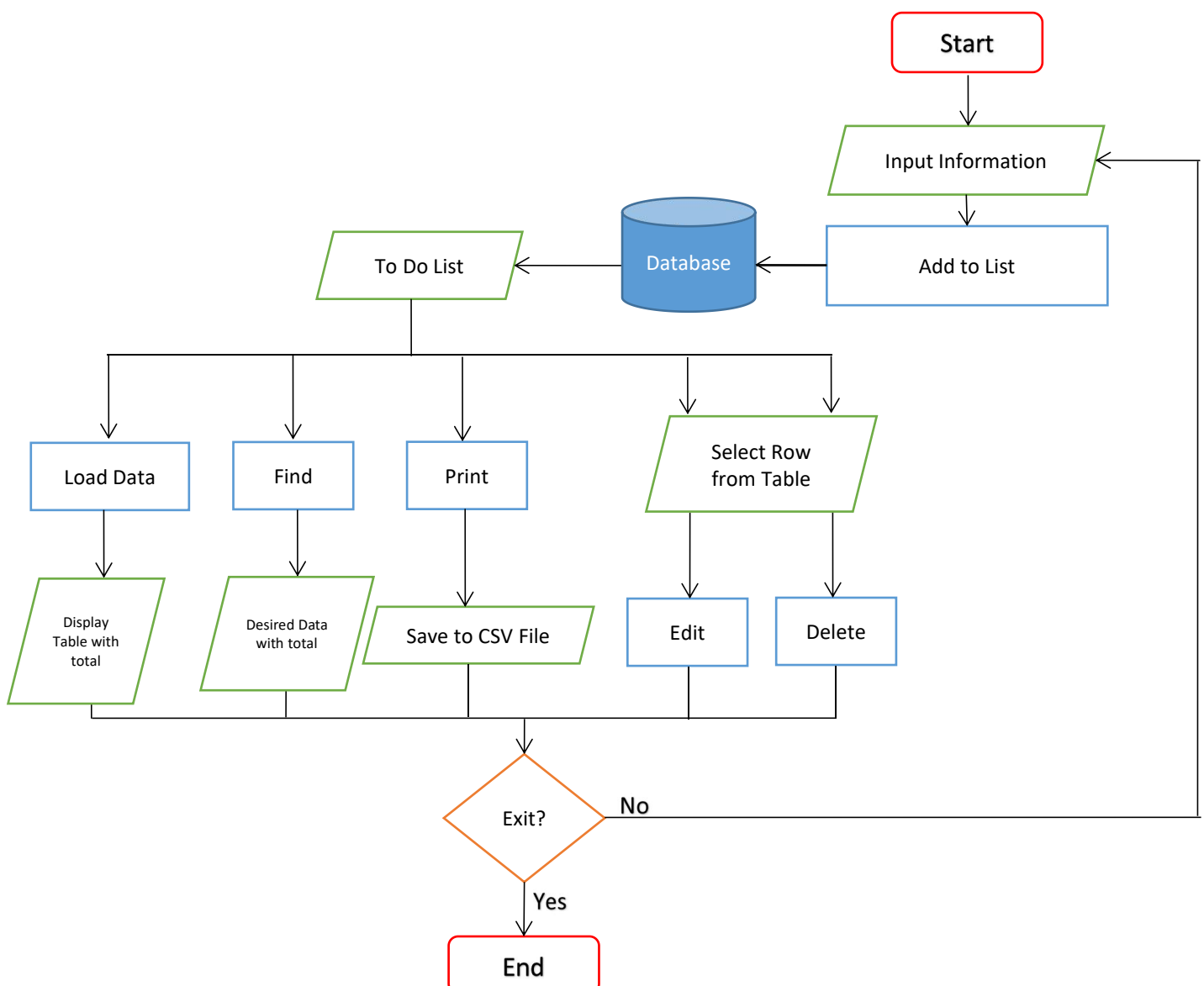
Subject: Object Oriented Programming

## Overview:

My client's desired project is a To List application where she can write down her tasks for her both academic and personal daily basis. Upon interviewing her, I suggested many additional features such as adding a calendar and sorting the data according to her will, in which she agreed. All of the designs in the application were according to her desires.

## The Application:

To Do List application is a scheduled calendar in which you can record and organize your tasks. You can add, delete, edit, print, and compute the overall information you input. For the first window, you will input the data information about your desired task. In the right side part, there is a calendar in which the purpose only is a reference to a particular date. After the data information is added, it will be stored to a database where you can search for a particular common information by applying sql command and display the tasks on the table and its total input, you can also edit or update, delete the tasks, and print it to a CSV file.





# **User Manual for the To Do List Application**

Year: 2022

Month: January

Date:

Day: Monday

Task:

Duration:

Status: ☐ Done ☐ Undone

☐ Important Task

Buttons: Add, Clear, To Do List, Cancel

Only for Reference

Input all the data information

Add to List the information input

Clear the previous input data

Year: 2022

Month: May

Date: 20

Day: Friday

Task: Study

Duration: 1hr

Status: ☐ Done ☒ Undone

☒ Important Task

Buttons: Add, Clear, To Do List, Cancel

Message: Task Added Successfully

Directed to this To Do List window

Computes the Total Tasks from lists will appear

Load Tasks will pop-up the table

Total Tasks: 13

Year	Month	Date	Day	Task	Duration	Status	Importance
2023	June	07	Sunday	Church	2hrs	Undone	Important
2022	December	25	Sunday	Christmas Preparation	3hrs	Undone	Not Important
2025	March	29	Monday	Graduation	5hrs	Done	Not Important
2022	May	9	Monday	Election	2hrs	Done	Not Important
2022	May	8	Sunday	Play with cats	4hrs	Undone	Not Important
2017	June	18	Monday	First Day of School	12hrs	Undone	Important
2022	May	20	Monday	Quiz OOP	2hrs	Undone	Not Important
2022	May	19	Thursday	Quiz EDA	1hr	Undone	Important
2022	May	19	Thursday	Play games	4hrs	Undone	Important
2022	June	12	Friday	Independence Day	2hrs	Undone	Important
2022	June	7	Tuesday	Birthday		Done	Not Important
2022	May	20	Friday	Malibang	1hr	Undone	Not Important
2022	May	20	Friday	Study	1hr	Undone	Important

Buttons: Load Data, Add Task, Print



To Do Lists

Total Tasks: 4

Year	Month	Date	Day	Task	Duration	Status	Importance
2023	June	07	Sunday	Church	2hrs	Undone	Important
2017	June	18	Monday	First Day of School	12hrs	Undone	Important
2022	June	12	Friday	Independence Day	2hrs	Undone	Important
2022	June	7	Tuesday	Birthday		Done	Not Important

To Do List

Year: 2022

Month: June

Date:

Day: Monday

Duration:

Status: ☐ Done ☐ Undone

Important ☐

Task:

Load Data

Add Task

Print

Click this buttons to find specific month chosen

Click specific one row to be delete or to be edit.

\*You can only edit/update the status of the task, "Done" or "Undone"

To Do Lists

Total Tasks: 12

Year	Month	Date	Day	Task	Duration	Status	Importance
2023	June	07	Sunday	Church	2hrs	Undone	Important
2022	December	25	Sunday	Christmas Preparation	3hrs	Undone	Not Important
2025	March	29	Monday	Graduation	5hrs	Done	Not Important
2022	May	9	Monday	Election	2hrs	Done	Not Important
2022	May	8	Sunday	Play with cats	4hrs	Undone	Not Important
2017	June	18	Monday	First Day of School	12hrs	Undone	Important
2022	May	20	Monday	Quiz OOP	2hrs	Undone	Not Important
2022	May	19	Thursday	Quiz EDA	1hr	Undone	Important
2022	May	19	Thursday	Play games	4hrs	Undone	Important
2022	June	12	Friday	Independence Day	2hrs	Undone	Important
2022	June	7	Tuesday	Birthday		Done	Not Important
2022	May	20	Friday	Study	1hr	Undone	Important

To Do List

Year: 2022

Month: June

Date:

Day: Monday

Duration:

Status: ☒ Done ☐ Undone

Important ☐

Task: Study

Load Data

Add Task

Print

Your chosen row will appear its Task to this text field

2022	June	12	Friday	Independence Day	2hrs	Undone	Important
2022	June	7	Tuesday	Birthday		Undone	Not Important
2022	May	20	Friday	Study	1hr	Done	Important

Duration:

Status: ☒ Done ☐ Undone

Important ☐

Task: Study

To Do Lists

Total Tasks: 12

Year	Month	Date	Day	Task	Duration	Status	Importance
2023	June	07	Sunday	Church	2hrs	Undone	Important
2022	December	25	Sunday	Christmas Preparation	3hrs	Undone	Not Important
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2022	May	19	Thursday	Play games	4hrs	Undone	Important
2022	June	12	Friday	Independence Day	2hrs	Undone	Important
2022	June	7	Tuesday	Birthday		Done	Not Important
2022	May	20	Friday	Study	1hr	Undone	Important

Message

Successfully Saved to CSV File

To Do List

Year: 2022

Month: January

Date:

Day: Monday

Duration:

Status: ☐ Done ☐ Undone

Important ☐

Task:

Load Data

Add Task

Print

Add more Tasks

You can print the information from the table to CSV file

Gantt Chart

Tasks	4/24	4/25	4/26	4/27	...	5/05	...	5/13	5/14	...	5/17	5/18	5/19
Interview of the Client													
Conceptualizing the Program Execution													
Layout the Window Application													
Designing the Window													
Connect the program to the Database													
Configure the system inputs from the program to the Database													
Output the date to JTable													
Configure SQL Command to the Database													
Configure save data to CSV file													

Gantt Table

Task	Start Date	End Date	Duration
Interview of the Client	April- 24	April- 24	1 day
Conceptualizing the Program Execution	April- 24	April- 24	1 day
Layout the Window	April - 25	May- 19	24 days
Designing the Window	April- 25	May- 19	24 days
Connect to program to the Database	April- 27	April- 27	1 day
Configure the system inputs from the program to the Database	May- 05	May- 05	1 day
Output the date to JTable	May- 05	May- 05	1 day
Configure SQL Command to the Database	May- 13	May- 13	1 day
Configure save data to CSV file	May- 17	May- 17	1 day

# Interview with the Client:

