

ToDoLly : The Simplest To Do List Organizer

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1. Welcome Screen -Main Menu

The welcome screen displays the main menu and the count number of tasks the user has categorized into three steps: In progress, suspended and done. At the main menu the user can choose between five options.

```
<<<<<<    Welcome To ToDOLY    >>>>>>
<<<<<< Your ToDoList Organizer >>>>>>
YOU HAVE <<2>> DONE TASKS
YOU HAVE <<2>> IN PROGRESS TASKS
YOU HAVE <<2>> SUSPEND TASKS
Choose an option from the menu
1>> Enter Show Menu
2>> Create A New Task or Project
3>> Modify A Task
4>> Delete A Task
5>> Save AND Quit
```

1.1.Show Menu Options

There are four alternatives the user can choose between at the Show menu, in addition to returning to the main menu, one sorting option and three displays filtered upon user's choice: By project, due date and status.

```
Choose an option from the menu
1- Sort All Tasks By Date
2- Show Tasks By project
3- Show Tasks By Due Date
4-Show Tasks By Status
5-Return to Main Menu
```

1.1.1. Sort All Tasks by Date

By choosing the sorting option the user will have all the tasks sorted by date in ascending order and grouped by status as shown in the screen shot below:

```
DONE TASKS ARE :  
    PROJECT: WEBSHOP -- NAME: DATABASE -- DESCRIPTION: Set up database connection -- Due Date: 07/01/2018 -- Status: Done  
    PROJECT: IP -- NAME: USECASE -- DESCRIPTION: create Use case Digram -- Due Date: 15/12/2018 -- Status: DONE  
IN PROGRESS TASKS ARE :  
    PROJECT: RESEARCH -- NAME: THEORY -- DESCRIPTION: Read THEORY -- Due Date: 27/09/2018 -- Status: In PROGRESS  
Suspend TASKS ARE :  
    PROJECT: TEAMUP -- NAME: PROTOTYP -- DESCRIPTION: Create The first PROTOTYP -- Due Date: 19/03/2018 -- Status: SUSPEND  
    PROJECT: IP -- NAME: DIAGRAM -- DESCRIPTION: Create Class DIAGRAM -- Due Date: 12/10/2018 -- Status: SUSPEND  
Choose an option from the menu  
1>> Enter Show Menu  
2>> Create A New Task  
3>> Modify A Task  
4>> Delete A Task  
5>> Save AND Quit
```

1.1.2. Show Tasks by project

By choosing the first display choice (by project) the user will find all existed tasks listed by task number and choosing a task will display the project belongs to it.

```
Show Task List by project, choose the project Name  
No.0 :IP  
No.1 :ANDROID  
No.2 :WEBSHOP  
No.3 :TEAMUP  
No.4 :RESEARCH  
0  
| PROJECT: IP -- NAME: DIAGRAM -- DESCRIPTION: Create Class DIAGRAM -- Due Date: 12/10/2018 -- Status: SUSPEND  
    PROJECT: IP -- NAME: USECASE -- DESCRIPTION: create Use case Digram -- Due Date: 15/12/2018 -- Status: DONE
```

1.1.3. Show Tasks By due date

When the user chooses to check the existed tasks by due date the program will ask for a specific date formatted in (dd/mm/yyyy) format.

```
Insert the date to show tasks by Use format (dd/mm/yyyy)
Task DueDate Format(dd/MM/yyyy):19/03/2019
There is no task on this date
Choose an option from the menu
1>> Enter Show Menu
2>> Create A New Task
3>> Modify A Task
4>> Delete A Task
5>> Save AND Quit
1
Choose an option from the menu
1- Sort All Tasks By Date
2- Show Tasks By project
3- Show Tasks By Due Date
4-Show Tasks By Status
5-Return to Main Menu
3
Insert the date to show tasks by Use format (dd/mm/yyyy)
Task DueDate Format(dd/MM/yyyy):19/03/2018
| PROJECT: TEAMUP -- NAME: PROTOTYP -- DESCRIPTION: Create The first PROTOTYP -- Due Date: 19/03/2018 -- Status: SUSPEND
```

1.1.4. Show Tasks By status

While choosing the last displaying option will ask the user to define the desired status: Done, in progress or suspended.

```
Choose an option from the menu
1- Sort All Tasks By Date
2- Show Tasks By project
3- Show Tasks By Due Date
4-Show Tasks By Status
5-Return to Main Menu
4
Choose the status of the task : {1=DONE, 2=IN PROGRESS, 3=SUSPEND}
Task Status :3
| PROJECT: TEAMUP -- NAME: PROTOTYP -- DESCRIPTION: Create The first PROTOTYP -- Due Date: 19/03/2018 -- Status: SUSPEND
PROJECT: IP -- NAME: DIAGRAM -- DESCRIPTION: Create Class DIAGRAM -- Due Date: 12/10/2018 -- Status: SUSPEND
```

2. Create a new task or project Options

Choosing “Create a new task or project” choice at the main menu will enable the user to add a completely new project or a task to an existing project.

```
Choose a number
1>>Add a new Task
2>>Add a new project
```

2.1.Create A new to task to existing project

Adding a new task option will display a list of all existing projects and will ask the user after choosing a project to enter the task name, description, due date and status.

```

Choose a number
1>>Add a new Task
2>>Add a new project
1
To Create a Task choose the project it belongs to
No.0 :IP
No.1 :ANDROID
No.2 :WEBSHOP
No.3 :TEAMUP
No.4 :RESEARCH
4
Task Name :fetch references
Task Description :find all relevant papers
Task DueDate Format(dd/MM/yyyy):22/10/2018
Choose the status of the task : {1=DONE, 2=IN PROGRESS, 3=SUSPEND}
Task Status :2
task added successfully
PROJECT: RESEARCH -- NAME: fetch references -- DESCRIPTION: find all relevant papers -- Due Date: 22/10/2018 -- Status: IN PROGRESS

```

2.2.Create a new project

Choosing “add a new project” will ask the user to enter the name, the request will be succeeded if the given name was not used for a previous project and then a list with all previous project will be displayed otherwise “Project already existed” message will be displayed. Project duplication is not allowed.

```

Choose a number
1>>Add a new Task
2>>Add a new project
2
Enter new Project name :
STARTUP
Project has been added successfully
No.0 :IP
No.1 :ANDROID
No.2 :WEBSHOP
No.3 :TEAMUP
No.4 :RESEARCH
No.5 :STARTUP
Choose an option from the menu
1>> Enter Show Menu
2>> Create A New Task
3>> Modify A Task
4>> Delete A Task
5>> Save AND Quit
2
Choose a number
1>>Add a new Task
2>>Add a new project
2
Enter new Project name :
IP
Project already exists
..

```

3. Modify Task Option

To modify a task the user should choose “Modify task” from the main menu. Choosing this option will display a list of all tasks and will ask the user to choose one of them to edit.

The user can change the project which the task is belonging to, The task name, description, due date and status.

After editing the task the program will display the updated task.

```
To Modify A Task Please Insert Task No:
No.0 : PROJECT: WEBSHOP -- NAME: DATABASE -- DESCRIPTION: Set up database connection -- Due Date: 07/01/2018 -- Status: Done
No.1 : PROJECT: ANDROID -- NAME: PROTOTYP -- DESCRIPTION: Create The first PROTOTYP -- Due Date: 19/03/2018 -- Status: SUSPEND
No.2 : PROJECT: RESEARCH -- NAME: read more about this -- DESCRIPTION: go to the library and study -- Due Date: 27/09/2018 -- Status: In PROGRESS
No.3 : PROJECT: ANDROID -- NAME: MDOEL -- DESCRIPTION: CREATE MODEL -- Due Date: 07/11/2018 -- Status: In PROGRESS
No.4 : PROJECT: IP -- NAME: USECASE -- DESCRIPTION: create Use case Digram -- Due Date: 15/12/2018 -- Status: DONE
No.5 : PROJECT: RESEARCH -- NAME: fetch references -- DESCRIPTION: find all relevant papers -- Due Date: 22/10/2018 -- Status: IN PROGRESS

Insert Task No :
2
PROJECT: RESEARCH -- NAME: read more about this -- DESCRIPTION: go to the library and study -- Due Date: 27/09/2018 -- Status: In PROGRESS

Do you want to change Task Project choose( y or n)
n
Do you want to change Task Name choose( y or n)
n
Do you want to change Task Description choose( y or n)
n
Do you want to change Task Date choose( y or n)
n
Do you want to change Task Status choose( y or n)
n
Task Has Been Modified Successfully
PROJECT: RESEARCH -- NAME: read more about this -- DESCRIPTION: go to the library and study -- Due Date: 27/09/2018 -- Status: In PROGRESS
```

```
Insert Task No :
2
PROJECT: RESEARCH -- NAME: read more about this -- DESCRIPTION: go to the library and study -- Due Date: 27/09/2018 -- Status: In PROGRESS

Do you want to change Task Project choose( y or n)
y
No.0 :WEBSHOP
No.1 :ANDROID
No.2 :RESEARCH
No.3 :IP
Task New Project :1
Do you want to change Task Name choose( y or n)
y
Task New Name :testing classes
Do you want to change Task Description choose( y or n)
y
Task New Description :create all calsses and prepare all testing cases
Do you want to change Task Date choose( y or n)
y
Task DueDate Format(dd/MM/yyyy):19/12/2019

Do you want to change Task Status choose( y or n)
y
Choose the status of the task : {1=DONE, 2=IN PROGRESS, 3=SUSPEND}
Task Status :3
Task Has Been Modified Successfully
PROJECT: ANDROID -- NAME: testing classes -- DESCRIPTION: create all calsses and prepare all testing cases -- Due Date: 19/12/2019 -- Status: SUSPEND
```

4. Delete Task Option

To delete a task the user should use “Delete a task” option from the main menu.

If the user wants to delete a complete project, he should delete all the tasks included in this project.

```

Choose an option from the menu
1>> Enter Show Menu
2>> Create A New Task
3>> Modify A Task
4>> Delete A Task
5>> Save AND Quit
4
Choose a Task to Delete
No.0 : PROJECT: WEBSHOP -- NAME: DATABASE -- DESCRIPTION: Set up database connection -- Due Date: 07/01/2018 -- Sta
No.1 : PROJECT: ANDROID -- NAME: PROTOTYP -- DESCRIPTION: Create The first PROTOTYP -- Due Date: 19/03/2018 -- Stati
No.2 : PROJECT: RESEARCH -- NAME: THEORY -- DESCRIPTION: Read THEORY -- Due Date: 27/09/2018 -- Status: In PROGRESS
No.3 : PROJECT: IP -- NAME: DIAGRAM -- DESCRIPTION: Create Class DIAGRAM -- Due Date: 12/10/2018 -- Status: SUSPEND
No.4 : PROJECT: ANDROID -- NAME: MDOEL -- DESCRIPTION: CREATE MODEL -- Due Date: 07/11/2018 -- Status: In PROGRESS
No.5 : PROJECT: IP -- NAME: USECASE -- DESCRIPTION: create Use case Digram -- Due Date: 15/12/2018 -- Status: DONE
No.6 : PROJECT: RESEARCH -- NAME: fetch references -- DESCRIPTION: find all relevant papers -- Due Date: 22/10/2018
Task No. Insert Task No :
3
This task will be deleted
PROJECT: IP -- NAME: DIAGRAM -- DESCRIPTION: Create Class DIAGRAM -- Due Date: 12/10/2018 -- Status: SUSPEND

```

5. Save and Quit

In order to exit the current session and leave the program the user should choose “Save and quit” option from the main menu.

```

Choose an option from the menu
1>> Enter Show Menu
2>> Create A New Task
3>> Modify A Task
4>> Delete A Task
5>> Save AND Quit
5
Save and quit

```