

# Todo App

Saleh Ibrahim





- Todo list App starts with this main interface and gets a users list of tasks from a file :
  - System calculates done and not done tasks.
  - Wait a user to choose an option.

```
>> ToDoly Application
>> -----
>> You have 14 tasks todo and 1 tasks are done!
>> Pick an option:
>> (1) Show task list (by date or project)
>> (2) Add new task
>> (3) Edit task (update, mark as done)
>> (4) Remove a task
>> (5) Save and Quit
>> -----
>> Enter a choice :
>> 
```

- **If user selected (1) show list of tasks** , user will get options to view these tasks order by date , filtered by project or return to main interface.

```
>> -----
>> Enter a choice :
>> 1
Enter view option:
>> 1 - To dispaly tasks list by date
>> 2 - To dispaly tasks list by a project
>> 0 - To return to main menu
>> 1
```

- Display tasks ordered by dated :

Task Id	Tittle	Project	Due Date	Status
16	Pick my quests from arlanada airport	Family	01-10-2018	Not Done
2	Last day to send my homework	SAS Grund	05-10-2018	Not Done
7	Meeting with SDA former students	Novare SDA	11-10-2018	Done
8	Meeting with Tieto company	Novare SDA	17-10-2018	Not Done
10	Eastern folk festival in uppsala theater	Entertainment	19-10-2018	Not Done
9	Return the books befor the last date	Uppsala library	30-10-2018	Not one
12	Jazz festival in uppsala theater	Entertainment	01-11-2018	Not Done



- Display tasks filtered by project : here user should select the number of project from projects list in user's task list:

```
>> 1 - To displly tasks list by date
>> 2 - To displly tasks list by a project
>> 0 - To return to main menu
>> 2
```

```
>> These are the list of existed projects
```

```
1 - Family
2 - SAS Grund
3 - Novare SDA
4 - Entertainment
5 - Uppsala library
6 - appointment
```

```
>> Select Project Number :
```

```
>> 2
```

Task Id	Tittle	Project	Due Date	Status
-----	-----	-----	-----	-----
2	Last day to send my homework	SAS Grund	05-10-2018	Not Done
-----	-----	-----	-----	-----
3	Change my attendance to 50%	SAS Grund	01-12-2018	Not Done

- **If user selected (2) add task to todo list** , here user should enter a title ,task project and due date.
  - Task status is not done by default
  - Date should be entered as (dd-MM-yyyy) and the system will validate. entry until the user enter this format.
  - Added task will displayed , so user can confirm that it's correct.

>> -----

>> Enter a choice :

>> 2

Enter task tittle :

Register in english 6

Enter task Project :

Navet

Enter task Date (dd-mm-yyyy)

01-12-2018

>> Task added correctly ....

Task Id	Tittle	Project	Due Date	Status
-----	-----	-----	-----	-----
17	Register in english 6	Navet	Sat Dec 01 00:00:00 CET 2018	Not Done

- **If user selected (3) edit a task in my list**, here the system will display user's task list and many options to choose:
  - (1) to edit title, project or date.
  - (2) to update the status.
  - (0) to return to main interface.

```
>> -----
>> Enter a choice :
>> 3
```

Task Id	Tittle	Project	Due Date	Status
1	KTH a seminar and mingle event	Novare SDA	08-11-2018	Not Done
2	Last day to send my homework	SAS Grund	05-10-2018	Not Done
3	Change my attendance to 50%	SAS Grund	01-12-2018	Not Done
4	Meeting in Arbetsformedlingen	appointment	20-11-2018	Not Done
5	Meeting in kinder garden	appointment	22-11-2018	Not Done
7	Meeting with SDA former students	Novare SDA	11-10-2018	Done
9	Return the books befor the last date	Uppsala library	30-10-2018	Not Done
10	Eastern folk festival in uppsala theater	Entertainment	19-10-2018	Not Done
12	Jazz festival in uppsala theater	Entertainment	01-11-2018	Not Done
13	Doctor appointment - monthly check up	Family	12-11-2018	Not Done
16	Pick my quests from arlanada airport	Family	01-10-2018	Not Done

```
>> Enter 1 to edit a task (Tittle , Project , Date)
>> Enter 2 to update the status
>> Enter 0 to return to main menu
>>
```



- When user choose option (1) , user should enter the task id from user's list , selected task will be displayed.
- User should enter new title or press enter button to keep the old.
- User should enter new project or press enter button to keep the old.
- User should enter new date or press enter button to keep the old.

```
>> Enetr task id :
```

```
>> 16
```

Task Id	Tittle	Project	Due Date	Status
-----	-----	-----	-----	-----
16	Pick my quests from arlanada airport	Family	01-10-2018	Not Done

```
Enter a new tittle or press Enter to keep the old one
```

```
>>
```

```
Enter a new project or press Enter to keep the old one
```

```
>>
```

```
Enter a new date (dd-mm-yyyy) or press Enter to keep the old one
```

```
>> 18-10-2018
```

- When user choose option (2) , user should enter the task id from user's list , selected task will be displayed.
- User should enter (y) to confirm change so if task are not done, will be changed to done and vise versa, if user entered (c) then cancel the change.
- Tasks list after update will be displayed.

```
>> Enter 1 to edit a task (Tittle , Project , Date)
>> Enter 2 to update the status
>> Enter 0 to return to main menu
>> 2
>> Enetr task id :
```

Task Id	Tittle	Project	Due Date	Status
2	Last day to send my homework	SAS Grund	05-10-2018	Not Done

Enter (y) to change the status (c) to cancel  
>> y  
>> Task is edited .....

Task Id	Tittle	Project	Due Date	Status
1	KTH a seminar and mingle event	Novare SDA	08-11-2018	Not Done
2	Last day to send my homework	SAS Grund	05-10-2018	Done
3	Change my attendance to 50%	SAS Grund	01-12-2018	Not Done
4	Meeting in Arbetsformedlingen	appointment	20-11-2018	Not Done
5	Meeting in kinder garden	appointment	22-11-2018	Not Done
7	Meeting with SDA former students	Novare SDA	11-10-2018	Done
9	Return the books befor the last date	Uppsala library	30-10-2018	Not Done
10	Eastern folk festival in uppsala theater	Entertainment	19-10-2018	Not Done
12	Jazz festival in uppsala theater	Entertainment	01-11-2018	Not Done
13	Doctor appointment - monthly check up	Family	12-11-2018	Not Done



- **If user selected (4) remove a task in my list**, here the system will display user's task list :
  - User should enter task id to remove it.
  - Selected task will be displayed
  - User will enter (1) to confirm removing or (0) to return to main interface.
  - A message will appear to confirm that task is deleted.

```
>> Enter a choice :
```

```
>> 4
```

Task Id	Tittle	Project	Due Date	Status
1	KTH a seminar and mingle event	Novare SDA	08-11-2018	Not Done
2	Last day to send my homework	SAS Grund	05-10-2018	Done
3	Change my attendance to 50%	SAS Grund	01-12-2018	Not Done
4	Meeting in Arbetsformedlingen	appointment	20-11-2018	Not Done
5	Meeting in kinder garden	appointment	22-11-2018	Not Done
7	Meeting with SDA former students	Novare SDA	11-10-2018	Done
9	Return the books befor the last date	Uppsala library	30-10-2018	Not Done
10	Eastern folk festival in uppsala theater	Entertainment	19-10-2018	Not Done
12	Jazz festival in uppsala theater	Entertainment	01-11-2018	Not Done
13	Doctor appointment – monthly check up	Family	12-11-2018	Not Done
16	Pick my quests from arlanada airport	Family	18-10-2018	Not Done

```
>> Enter task id to remove :
```


```
>> 4
```

Task Id	Tittle	Project	Due Date	Status
4	Meeting in Arbetsformedlingen	appointment	20-11-2018	Not Done

```
>> Enter 1 to confirm
```

```
>> Enter 0 to return to main menu
```

```
>> □
```

- 
- **If user selected (5) to save an exit,** here the system will save all the changes that had been performed in todo list and write this updated list to a file.  
Then system will display a saving message and exit.

```
>> -----  
>> Enter a choice :  
>> 5  
Changes is saved .....  
Thanks for using Todo App ....._
```