

Cairo University  
Faculty of Computers and Information



# **CS213**

## **Programming 2**

### **Assignment 1**

### **2018**

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**Project Name :**  
**Todo Alarm**

Link: <https://invis.io/Q5OU2ZLEN4R>

# The project idea

## **1) Overview of the required software :-**

**The problem** that we need this software to solve it is the omission for some daily work tasks due to the great number and variety of this works in the day and their change along the week and months , it's not easy that you remember your daily tasks while it's not the same every day and changes by the time and you may forget one and you don't relies this

or you should write your todo list down in notes and you put into your pocket or something like this to avoid forgetfulness your work.

**the required software** by the client is an application works as a Reminder for his time table for his works to the daily todo lists that he wrote it Recently on the application he can update and modify it whenever he wants and he can set alarms.

### **For example**

The client is a student in the Faculty of Computers and Information in the university of Cairo and he finds some problems in his sections places because every day he should move between more than 3 places to take his courses sessions and labs in the collage so he ought to take out his mobile and open the schedule and search by his group number in the main schedule of the all students and hardly find the time and the place of his section or lecture, lab, free slots ,,etc...

So... this Application takes the table or the tasks that the client should finish at his day whatever it was, and when its time has come it sends Notification on the screen and notification window with the task and time and place and hall number .


if the client was marked this task as important ...Alarm may ring .

## **2) a list of requirements (all things that software should do):-**

- 1- Takes the time table or the Todo list for the day of the user
- 2- The time table has user's tasks with its time and place .  
Like in Collage it alerts him with the lectures and sections and the deadlines  
Of his Tasks and Assignments
- 3- The App sends Notifications to the user to notify him with the task
- 4- It alert the user with the important tasks
- 5- Alert him with his life events  
Like : (Wedding anniversary – a Friend's Birthday – Feast - .....)
- 6- Alarm option is available if the user need
- 7- The User Can add the Prayers Time

### 3) The main screens of the application



The application interface is as following ...



**\* Your Name:**

[Finish](#)

*Schedule Notification*



[Start](#)





Mon



Time	Subject	Class
8:00 am	DS(L)	Hall Ibrahim.F
9:30 am	Logic	Lap 8
11:15 am	DC	Hall 8
12:45 pm	Math3	Hall 560
2:30 pm	Logic	Hall 260



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