

## 1. Title:

Todo list: be ahead of due dates

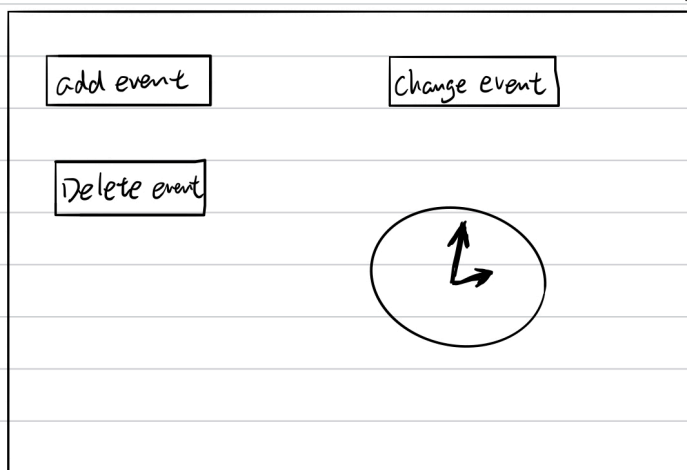
## 2. Problem:

Some times the work is too much and it requires a to do list to help me to arrange my time, so that I will not miss any assignment. My Todo list will serve as a calendar and save all of assignments and the due date.

## 3. Primary stakeholders:

The primary stakeholders are all students as long as they have any assignment. Actually, it can be used by anyone because as long as you are a human, you have a horrible thing that is chasing you, which is normally called "due date". User can set the category/subject of the event/assignment, the due date for that event, the priority, an introduction for the assignment and category and predicted time finish it.

## 4. Graphical user interface:



add event

\* Must fill in something

Name  \*

Intro

Due date  \*

How important  0  1  2  3  4  5 5: Very Important  
0: trivial

predicted time to finish

change event

Name of event  \*

Delete event

Name of event  \*

## 5.Data:

The user should be able to input the data from the console. Also, the user can have the input in form of text file or csv file. I will use list ADT (implement linked list). I use it because I think the event are connected together. Once you have finished one assignment, you can just cross it out and start the next one. Also, I will probably use priority queue to have a separate to do list specifically for things that has priority. I will use a inner class to hold all the information of the object.

```
private int dueDate;  
private int priority;  
private String assignmentName;  
private String assignmentIntro;  
private String predictFinishTime;
```