# Documentation

## Introduction

This is a guide documentation for our Java application called the “To-Do-List”. Created by Harry Smith, Orhan Arifoglu and Anup Lamsal, this app allows its user to save, load, sort and filter tasks whereas its admin who holds higher privileges can add, update, delete, sort, filter, save and load tasks as well as be able to add, delete and update subtasks. This application is also connected to online services such as Dropbox and Gmail.

# Tasks guide

## Add Tasks

To add tasks to the jTable, they must provide appropriate details desired by each field, such as task name, task assigned to, task priority, task due date and task status. If any inappropriate details were given to the program, it should display with an error message.

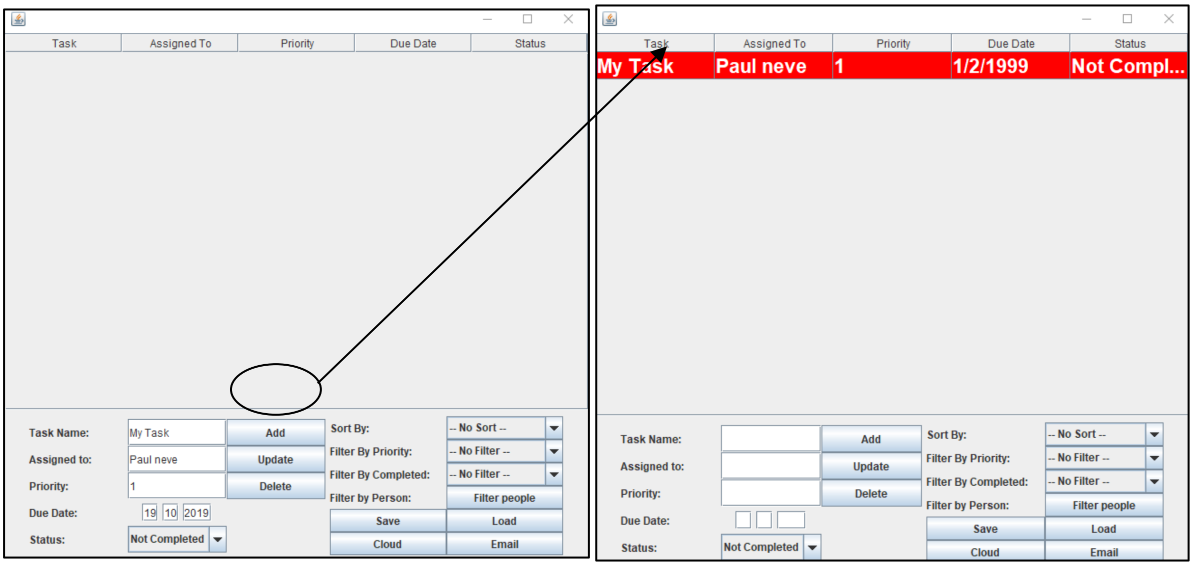
**<u>For example</u>**

Task Name: Acceptable information includes “mytask”, “my task”, “My Task”, “My task” or “my Task”. However, (“myTask”, “mYTask” and so on) would not work as the upper-case letter(s) does not start before/after a white space.

Assigned to: Acceptable information includes paulneve”, “paul neve”, “Paul Neve”, “Paul neve” or “paul Neve”. However, (“paulNeve”, “pAulNeve” and so on) should give an error message because the regex we have used allows the program to manipulate the fields and check for upper-cases before/after a white space.

Priority: Inputs number (1,2,3,4 and so on).

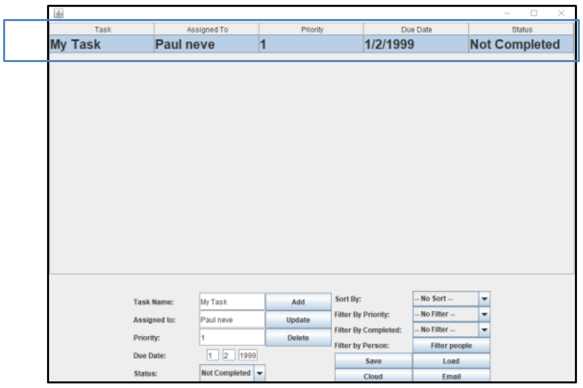
Due Date: Inputs date (1/2/1999, 1/3/1999, 1/4/1999 and so on).

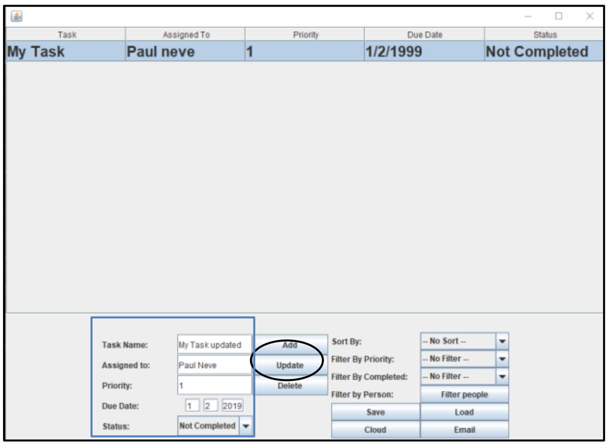


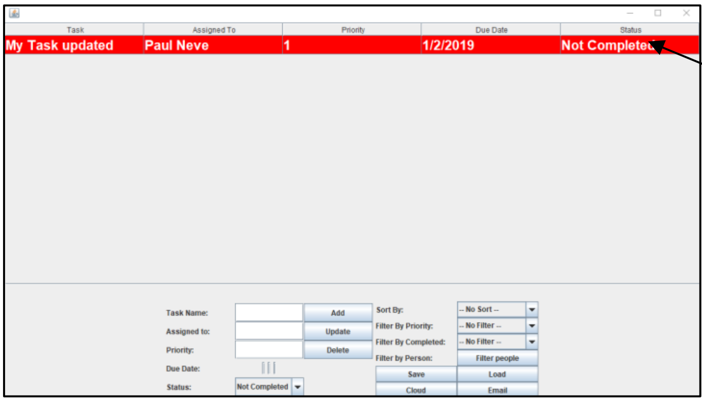

Once the admin inputs acceptable data, the add button stores it in the jTable.

## Update Tasks

To update the tasks, the admin must select the task and change the details to their desire and click update, which would then display the new amended details.



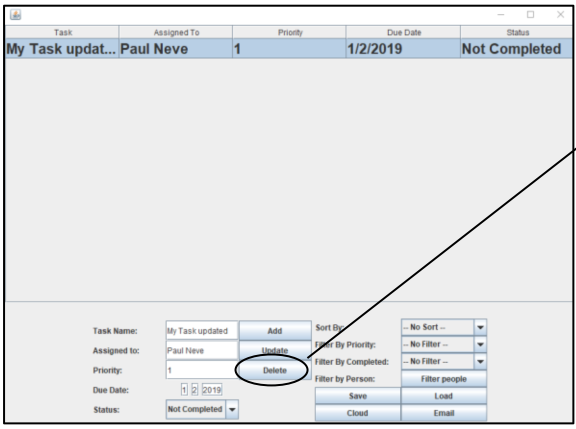



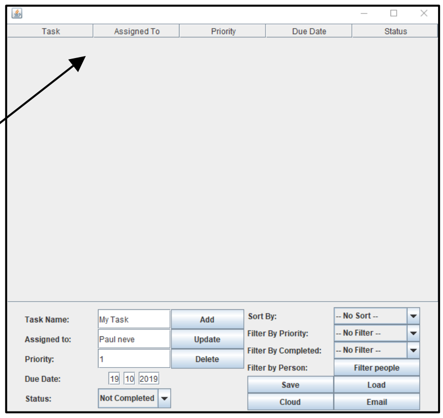




The newer details have now been updated the jTable.

## Delete Tasks

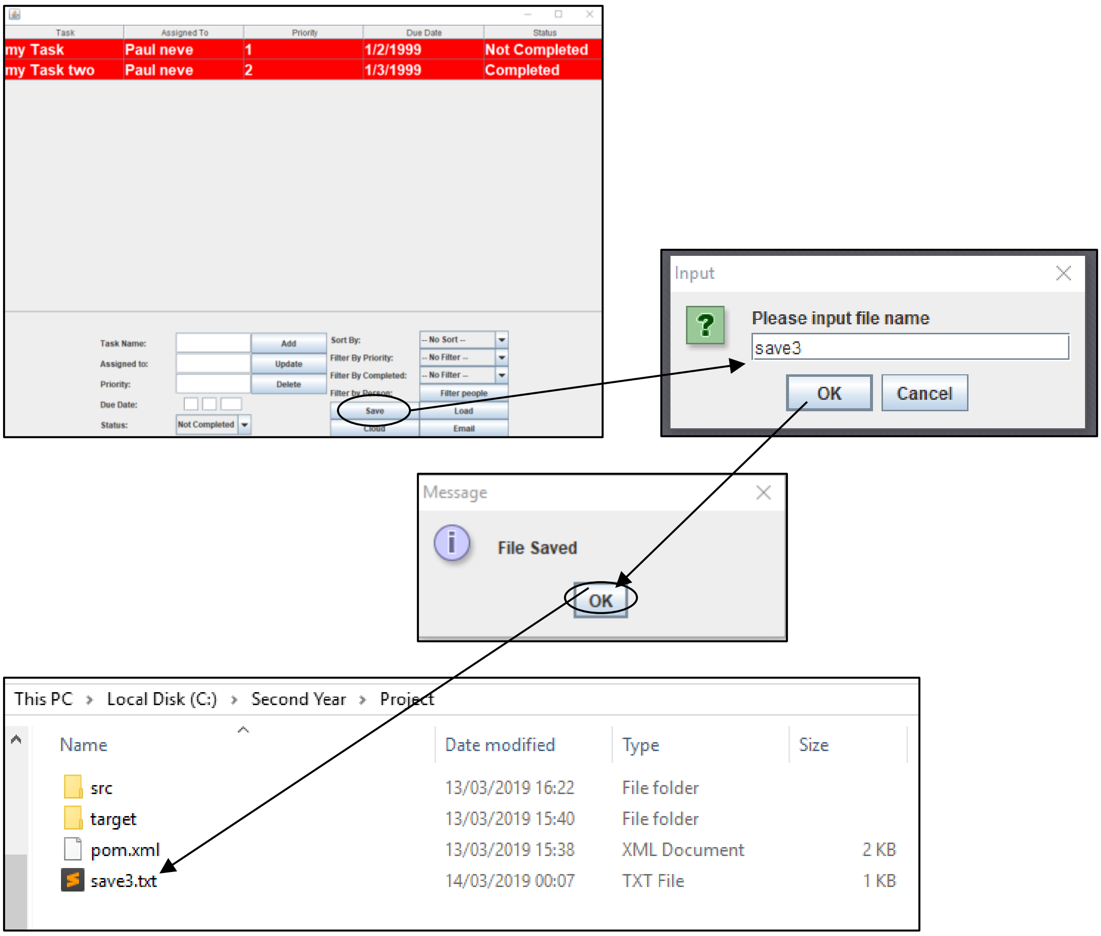
To delete the tasks, the admin must click the tasks list on the j table and click delete which will remove the listed task from the jTable.



## Save Tasks

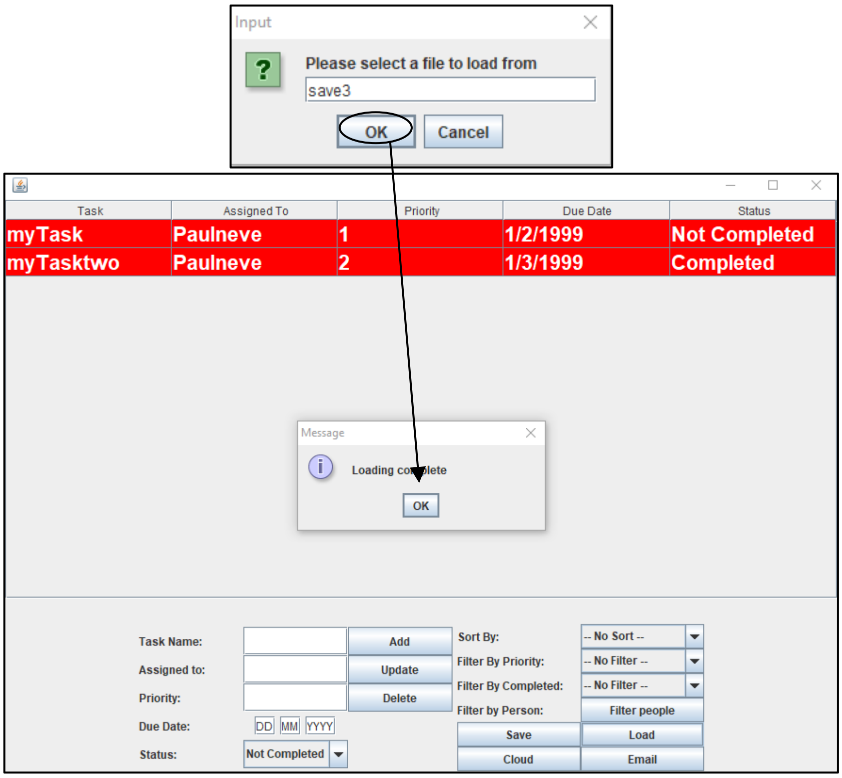
Once you have added tasks to the jTable, to save it you need to click on save, which will bring up a dialogue box. In the dialogue box insert the name that you would like the file to be called and click ok. If this was not what you wanted, click on cancel and it should take you back to the jTable. Once you have clicked ok to save the file, another dialogue box will appear prompting you to confirm the save. After this your tasks should be automatically saved as a text file.




The file will be saved inside the “Project” folder.

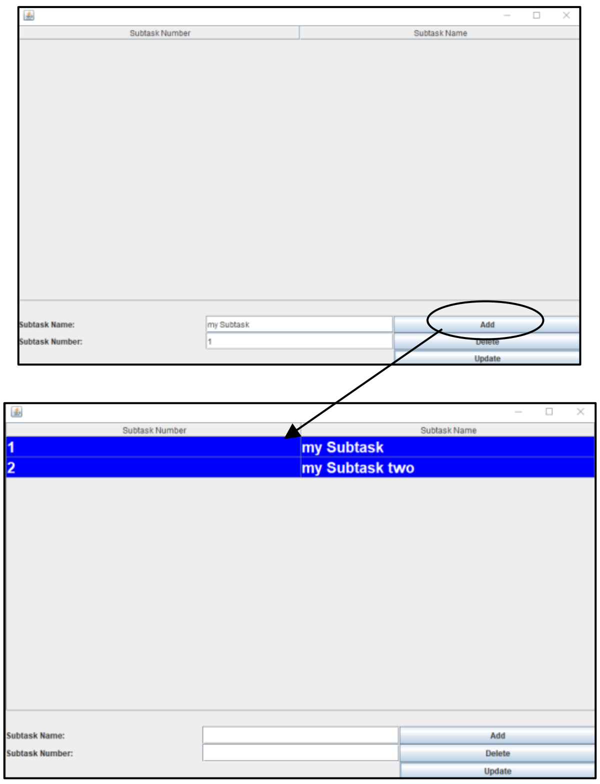
## Load Tasks

To load the .txt file, insert the name that you would like to be called and click ok. This will load up the .txt file with that name from the directory “Project”. Once you have clicked ok to load the file, another dialogue box will appear that notifies the status of loading process. After this your tasks should be automatically loaded on the jTable.




## Subtasks

To access the subtasks lists, the admin must double click on the tasks listed on the jTable. To add subtasks to the jTable, they must then fill in the fields with applicable information, such as task name and number. On the contrary, to delete the subtasks they must click the subtasks on the j table and click delete. Likewise, updating the subtasks requires the admin to select the subtask, change the desired details and click update, which would then display the new amended details.



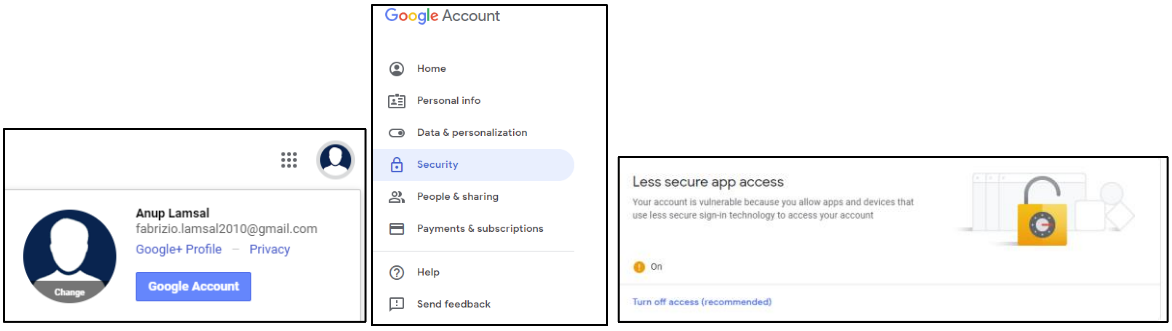
# Gmail and Dropbox Features

## Gmail

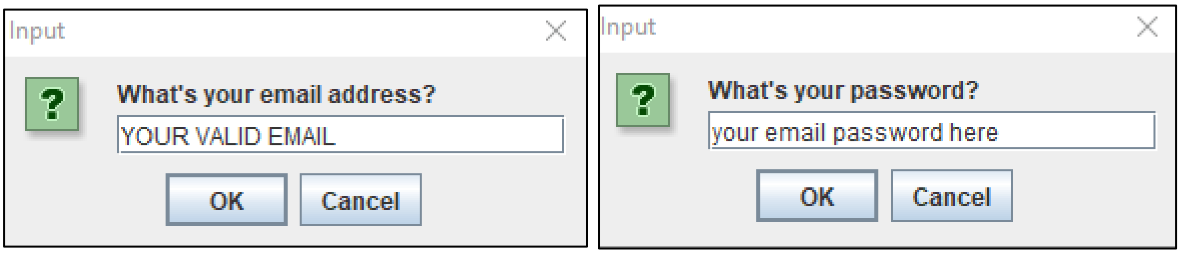
After you have confirmed to save the file by clicking ok, another dialogue box should appear asking for your email. Once you have entered your email, it will ask for your password. However, prior to entering the password you should log on to your email and check that the 'Less secure app access' is turned on, if not you would need to turn it on. When this is done go ahead and enter your password, then click 'ok', which should email the saved file to the email you provided.

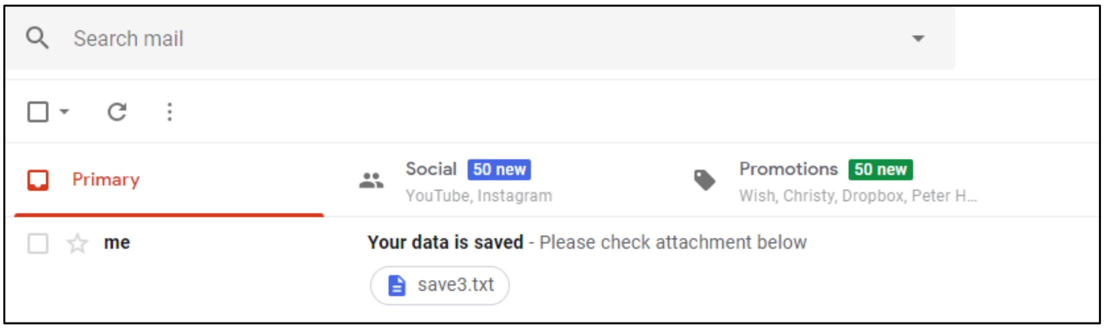
### Enabling access to less secure apps

Note: If you cannot see less secure apps option, disable two way authentication first. Also please use VPN in University as Gmail API is blocked on the network.




After the less secure app access has been turned on as well as upon successful login entries, the file should now be emailed to your Gmail.



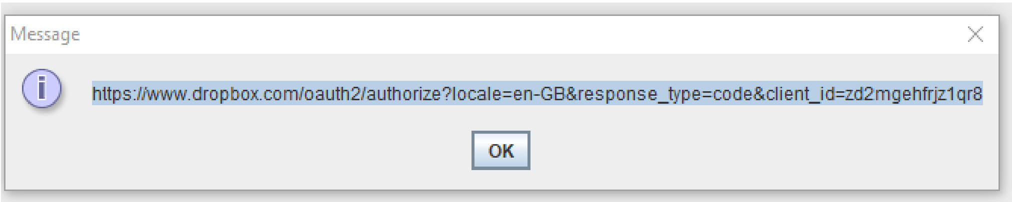




## Dropbox

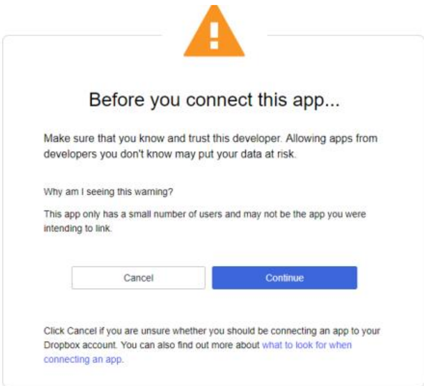
Whether the admin has saved or loaded data, their latest action gets saved into Dropbox (if their latest action is loading data into jTable, their loaded file would be saved to drop box and so on). Once the data has been saved or loaded, a pop-up box would appear with a Dropbox URL that needs to be copied and pasted into a web browser. As soon as the URL loads, it would require access to connect the Dropbox account to the application. After granting access, it would display an authentication code that needs to be copied and pasted back into the application.

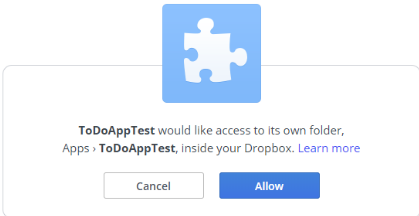
Note: Please be sure that a file in your Dropbox does not share same name as file you try to upload as Dropbox does not support override. Also second time you press cloud button your authentication is not required so file is uploaded automatically.

1. Copy the link and paste into a web browser.

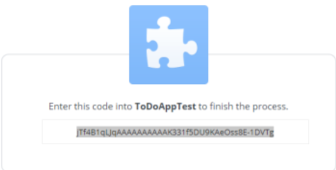


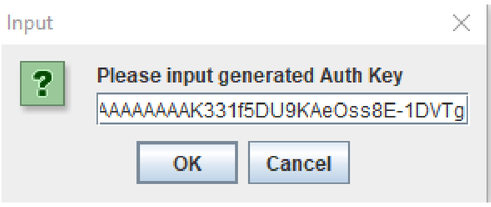

2. Allow access to connect to the application




3. Copy the code and paste it into the application




4. Confirm and go to your Drop box account