

Software design



The is the window that will pop up when they run the program. If they click on the staff button, the next window will become visible.

A screenshot of a software window with a light gray background. The text "Welcome to the Staff page" is centered at the top. Below the text, there are four input fields, each preceded by a label: "please type in the name of the student here", "please type in the level the student is at right now", "please type in the date you want here '六, 日'", and "please type in the time you want here '9:30, 10:30, 14:30, 15:30'". At the bottom of the window, there are two buttons: "add Student" and "new Schedule".

The four sentences on the left will be 4 labels that guide people what to put in the boxes.

After they click on the add student button, the input will be added to the txt file. If they click on the new schedule button, a new schedule will be created and stored in another txt file.

The schedule has been changed

Then another window will pop up and tell the users the schedule has been changed.

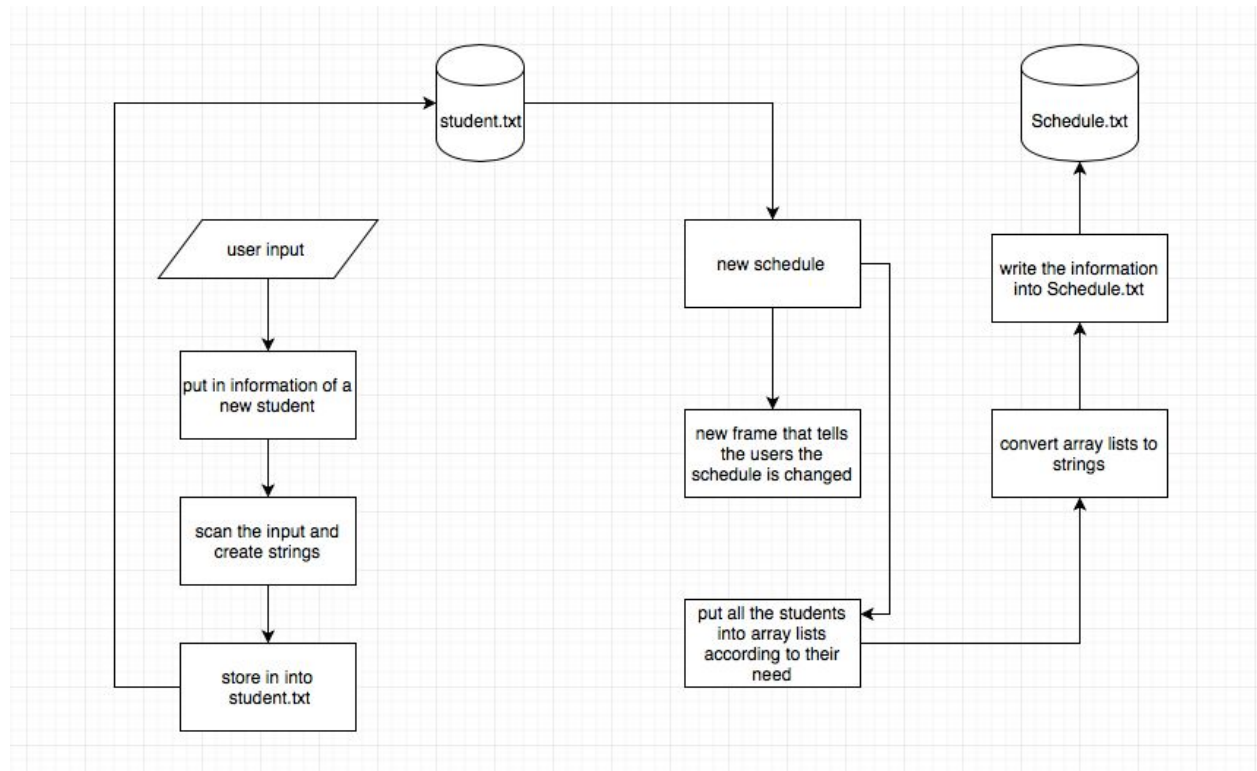
Input data

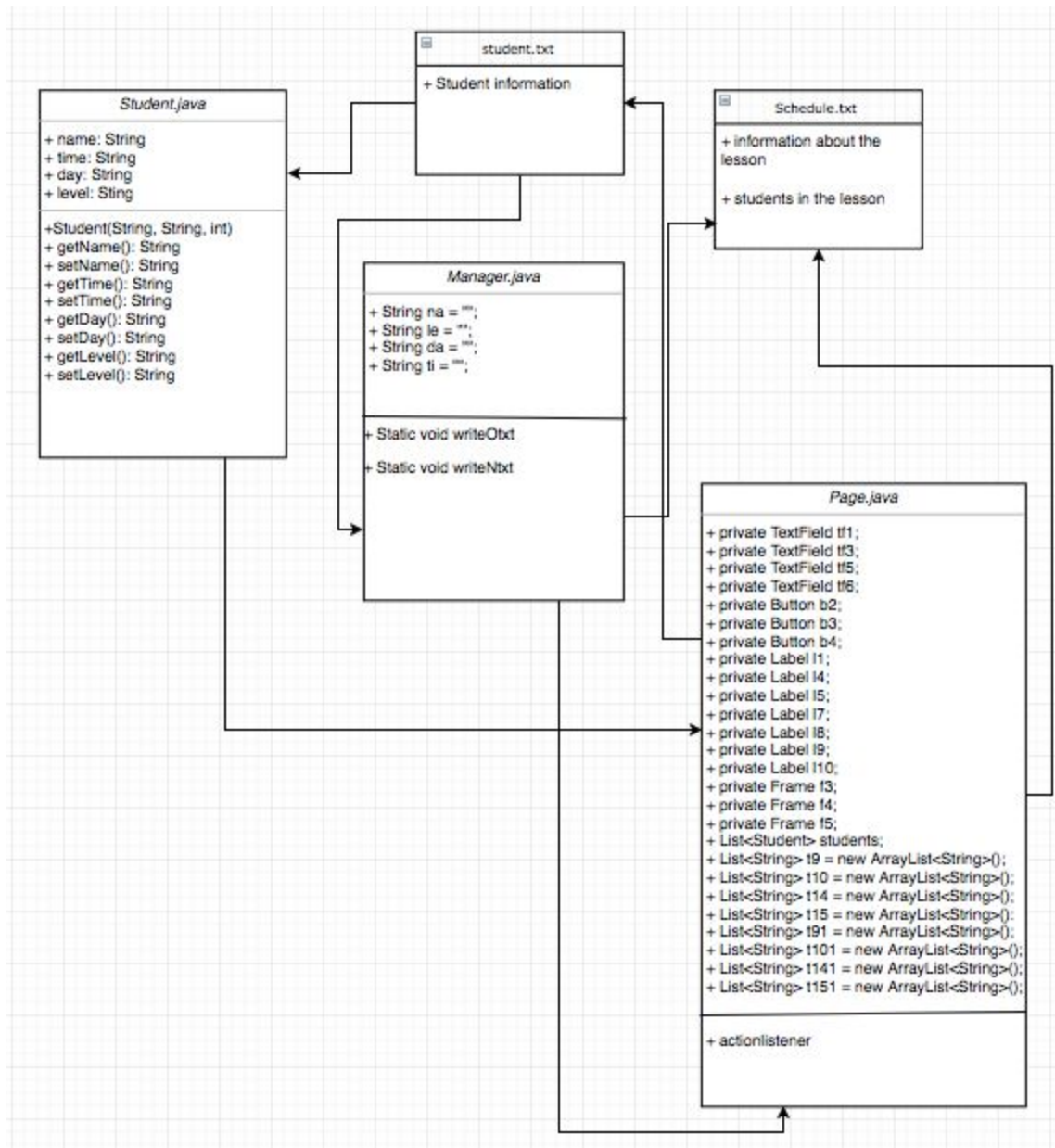
User input Client write information of a new student	They have to put the information in the right boxes. In order to add the new student, they have to click on the new student button.
Example XXX(name) S5(level) 六 (date) 9:30(time)	Input would be written in the text field
student.txt There is a file that is the input for generating a new schedule	This information is stored in a txt file, and it will be used to generate the schedule
高子曦 J3 日 14:30	This is written in a txt file

Product development plan

Choice - Function	Comments
A window that act as a cover 1day	This would make sure that if some people accidentally clicked on the program, it will show the users who is this program for
The available functions 1. New students button 2. new schedule button 3. Store the schedule into a txt file 4. Store the student into a txt file 2 weeks	<ul style="list-style-type: none"> - The new student's info will be collected from the user's input. When the user click on the button, it will write the input into a txt file - The program will take the information from a txt file, generate the schedule, and then store it in another txt file

Action Test	Method
Check if the program runs	Click on the icon
Check if the “staff” button works	Click on it and see if the second window becomes visible
Check if the text field and the scanner works	Write something in the box and click on the “new student” button and see if there is some changes in the student.txt file.
Check if the “new student” button works	
Check if the “new schedule”button works	Click on the button as see if there is a new schedule created in the txt file.





Word count:570