Subject ID: 13006107
Introduction to Computers and Programming

Final Project:

Announcement Board

Student ID: 60090021
Nipat Liampisan

Software Engineering
International College
King Mongkut's Institute of Technology Ladkrabang

Introduction:

This final project is a computer based announcement board. It is meant to replace the physical bulletin boards that most institutions still use. This computer based announcement board program is implemented using the python language. The program is designed so that users can quickly update information without going through the hassle of printing out papers and sticking them to the board. Since the program uses a loop to display all the announcements, there is an unlimited amount of information that the users can show. The program also includes a login page, this is to prevent outsiders from vandalizing the announcements. This is way better than the physical boards in which anyone can easily alter the board.

Project Description:

This program's main page can display the photos in its data in an infinite loop. The time interval set for each photo is 2 secs. The main page also shows the current time and date. Lastly, it has a login button which allows users to access functions to change the program's data.

After you login, you will see your name and title. This will be followed by the functions that are allowed corresponding to your title. If you login as a student, you are able to change your password, add pictures and remove pictures. If you login as a professor, you can have all the functions of the student, and you can also cancel class or create a meeting. Lastly if you login as an admin, you have the extra privilege of being able to add and remove users.

Project Requirements:

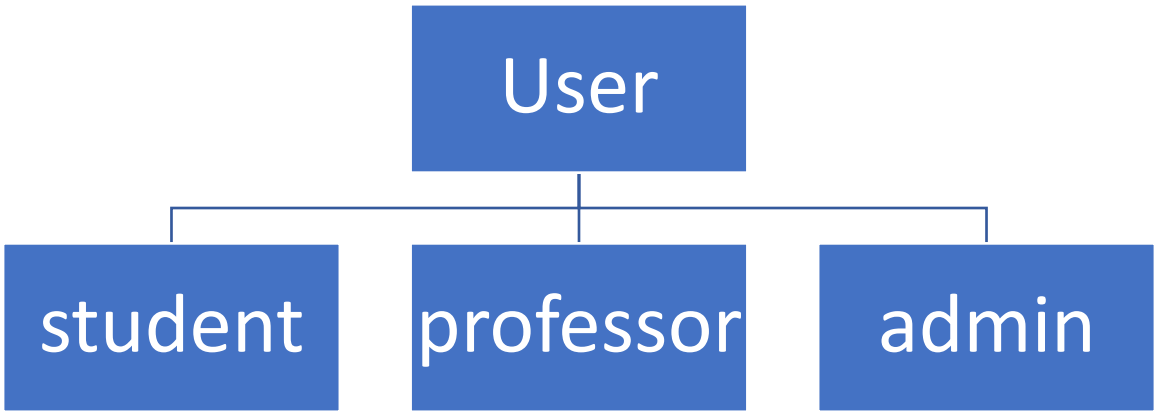
There are six main functions that are needed:

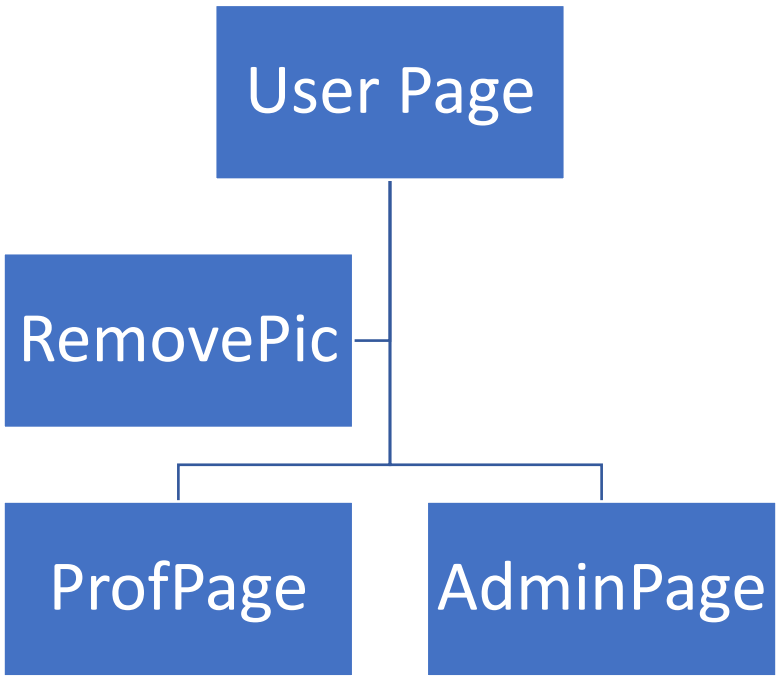
- Change password
- Add photo
- Remove photo
- Cancel class
- Create meeting
- Add User
- Remove User

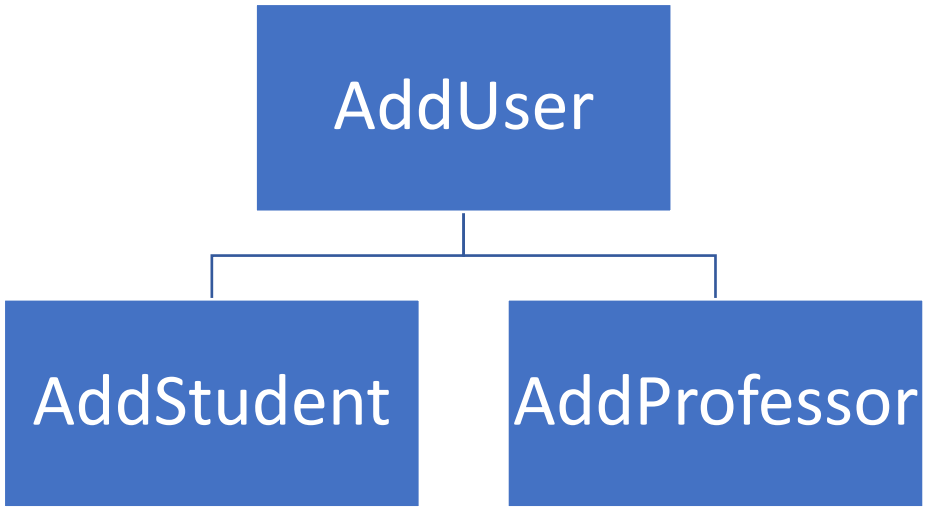
The main page also needs 3 functions:

- Loop display
- Clock tick
- Login

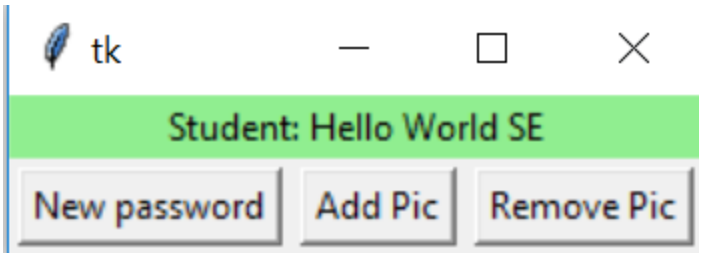
Project Objects and Inheritance:

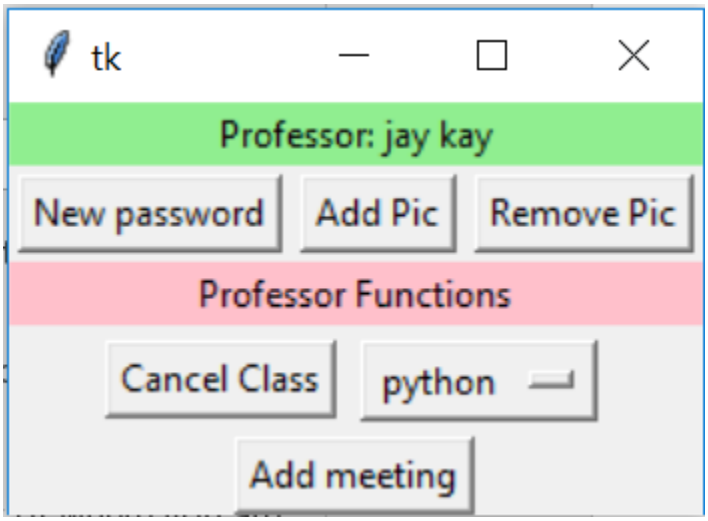


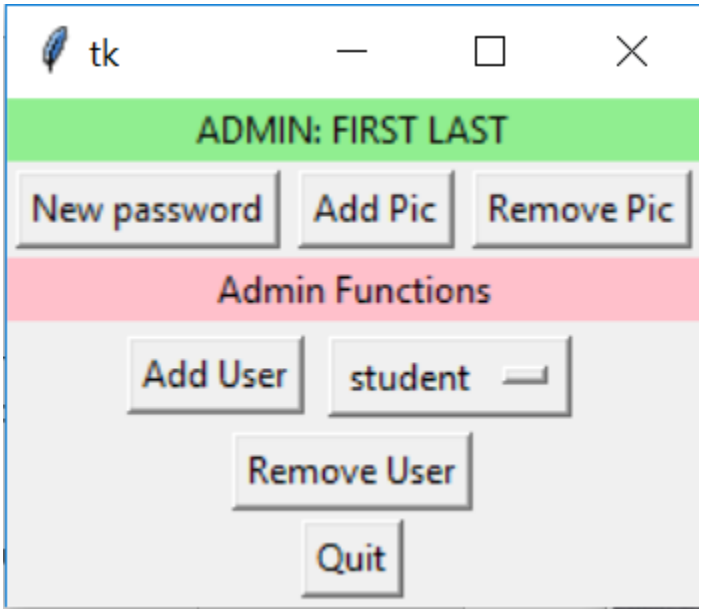




Screenshots:


tk
Student: Hello World SE
New password
Add Pic
Remove Pic


tk
Professor: jay kay
New password
Add Pic
Remove Pic
Professor Functions
Cancel Class
python
Add meeting


tk
ADMIN: FIRST LAST
New password
Add Pic
Remove Pic
Admin Functions
Add User
student
Remove User
Quit