**COMP S350F Soware Engineering**

**Testing plan report**

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**Validation test:**

-Login interface where user login to use the system:

A screenshot of a computer login

Description automatically generated

-there are three types of menus for users:

-student:

A screenshot of a computer

Description automatically generated

-teacher:

A screenshot of a computer

Description automatically generated

-admin:

A screenshot of a computer

Description automatically generated

For the user function, all users can view and update personal information and change the password. Apart from the common function, student can only view their own academic records while teacher can view and update the information of all students he taught. The admin has the highest level of access, he can view all the courses and information over teacher and student and make changes of it.

**Successful test:**

A screenshot of a computer screen

Description automatically generatedA screenshot of a computer error

Description automatically generated -view personal information and update the new username and password as 123:

A screen shot of a computer

Description automatically generated

-student viewing enrolled course:

A screenshot of a computer

Description automatically generated A screenshot of a computer

Description automatically generated

-student viewing grades:

A screenshot of a computer

Description automatically generated A screenshot of a computer

Description automatically generated

-student viewing attendance:

A screenshot of a computer

Description automatically generated A screen shot of a computer

Description automatically generated

-teacher viewing student information:

A screenshot of a computer

Description automatically generated A screenshot of a computer

Description automatically generated

-teacher updating student’s grade of course C02 as “A”:

A screen shot of a computer

Description automatically generatedA screenshot of a computer error

Description automatically generated A screenshot of a computer

Description automatically generated

-teacher updating student’s course as “C01”:

A screenshot of a computer

Description automatically generated

A screenshot of a computer error

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Description automatically generated

-admin creating a new student user with username “s1234567” and password “12345678”:

A screenshot of a computer error

Description automatically generated A screenshot of a computer

Description automatically generated

A screenshot of a computer error

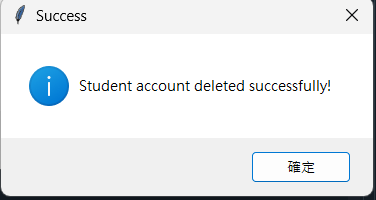
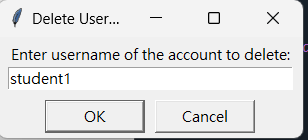
Description automatically generatedA screenshot of a computer error

Description automatically generated

-admin deleting user of username “student1”:

A screenshot of a computer

Description automatically generated



**Defect testing:**

In the function of “view all student’s information”, we can successfully display three example students. However, in the reality, a normal class usually consists of over thirty students and once we enter thirty student users into the system and use the function, it can only show 23 users’ information in the chat box. This is because the chat box only shows the information horizontally and it cannot scroll upward downward to see the remaining information. It has upper limit depends on the computer’s length. Thus, the defect of the system is the function of “view all student’s information” cannot show all students’ information when the student user over 23. The solution of this defect can be using a table format to display student’s information instead of using a chat box.

A screenshot of a computer

Description automatically generated

-successful test:

一張含有 文字, 螢幕擷取畫面 的圖片

自動產生的描述