



PROJECT REPORT
ON
STUDENT REGISTRATION SYSTEM

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Course

IT2301-302 Object Oriented Programming

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FATONI UNIVERSITY

Acknowledgement

I would like to express my deepest appreciation to all those who provided me the possibility to complete this report. A special gratitude I give to our project lecturer , Ms.Suaida Buenae , who give the suggestion to our project.

I would like to express my gratitude towards our group Amdulharis Yunuh and Muhammadatip Waehama whose intent the project for the best performance.

Our thanks and appreciations also go to my colleague in developing the project and people who have willingly helped me out with their abilities. If any some mistakes in our project we have to say apologize .

Summary

This report includes program output of the Student Registration System. The methods include planning, topic discussion and selection and designing an application using Java Jframe. In the process, we discussed topic and find out that Student Registration System is the suitable topic to get more developments. The Student Registration System have an admin to control and take care of registration. However, the program itself still lacks a better and enhanced feature such as displaying the file images.

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System Overview

System Description

The Student Registration System allows admin enter to the student's information such as the marks, the address and other and it's will be saved into the database. The admin is able to add marks or delete, add or delete the students list, edit the student information. Furthermore, only admin is allowed to access all the information of students records by entering a username and password provided. In addition, admin can search, update or delete the student records.

Goals and Objectives of the people using the System

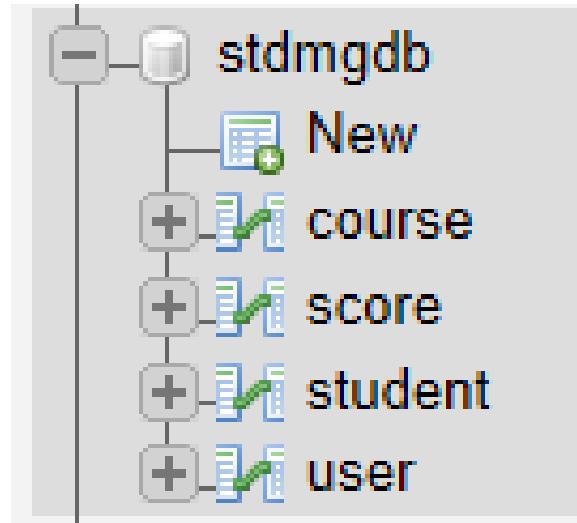
Firstly, Student Registration System can control by admin. In addition, allows the lecturer in the university control the information of their students. Finally, the students can only check their information in the Student Registration System such as checking the marks.

Main Function of the Application

1. Only admin can search, update or delete in this system.
2. Encrypted with username and password for admin.

System database and tables

Database: stdmgdb = Student Registration System



stdmgdb user	
id	: int(11)
username	: varchar(50)
password	: varchar(50)

stdmgdb course	
id	: int(11)
label	: varchar(50)
hours_number	: int(11)

stdmgdb score	
student_id	: int(11)
course_id	: int(11)
student_score	: float
description	: varchar(150)

stdmgdb student	
id	: int(11)
first_name	: varchar(50)
last_name	: varchar(50)
sex	: varchar(10)
birthdate	: date
phone	: varchar(50)
address	: text

Table:

1. Course

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	label	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
3	hours_number	int(11)			No	None			Change Drop More

2. Score

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	student_id	int(11)			No	None			Change Drop More
2	course_id	int(11)			No	None			Change Drop More
3	student_score	float			No	None			Change Drop More
4	description	varchar(150)	latin1_swedish_ci		No	None			Change Drop More

3. Student

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	first_name	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
3	last_name	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
4	sex	varchar(10)	latin1_swedish_ci		No	None			Change Drop More
5	birthdate	date			No	None			Change Drop More
6	phone	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
7	address	text	latin1_swedish_ci		No	None			Change Drop More

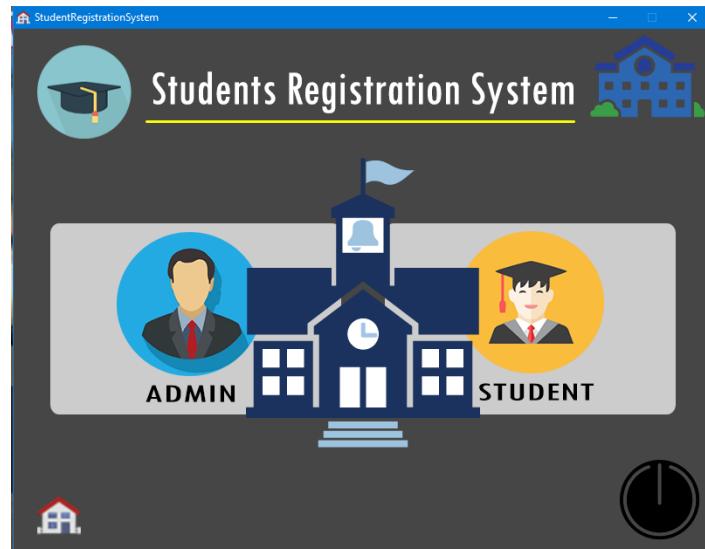
4. user

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	username	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
3	password	varchar(50)	latin1_swedish_ci		No	None			Change Drop More

The System/ application

1 - Main Form

This is the main form we can choose admin or student.



2 – If choose STUDENT

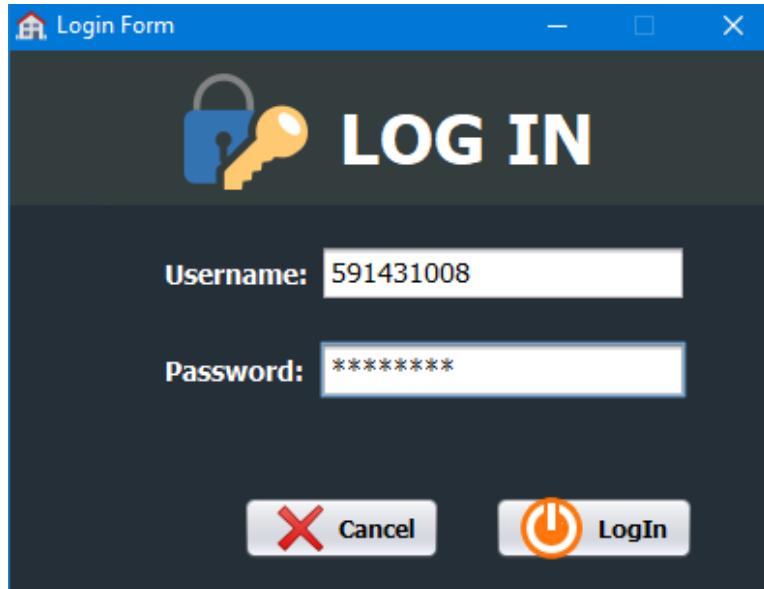
This is all student in system by admin edited.

Student Id	First Name	Last Name	Course	Score	Description
16	Sarif	Kadae	C++	87.0	Passed
24	Armeen	Kasengteba	mysql	88.0	Passed
24	Armeen	Kasengteba	javascript	70.0	Passed
27	Haris	Yunuh	Java Program	100.0	Passed
26	Musron	Trosae	AI	87.0	Passed
25	Anas	Todeng	Thai	34.0	Failed

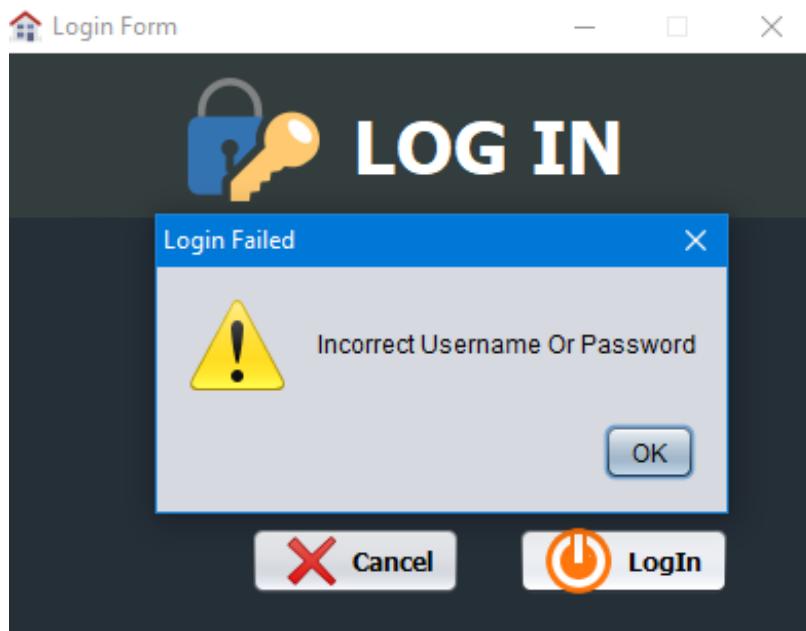
Good Luck ^^

3 – If choose ADMIN

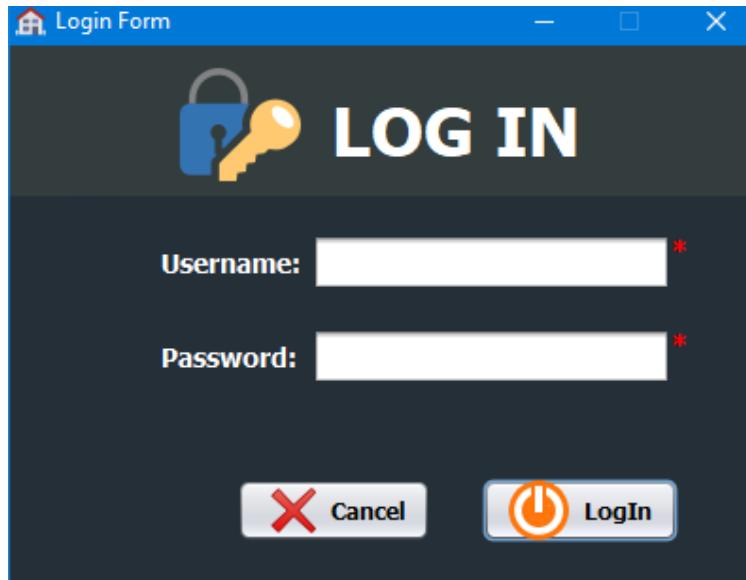
This is only user can login system.



If username or password are wrong.



If one or more text fields are empty show asterisk.



4 – Main Form Login

If everything is ok then show the main form login.

A welcome label with the logged user **USERNAME** .

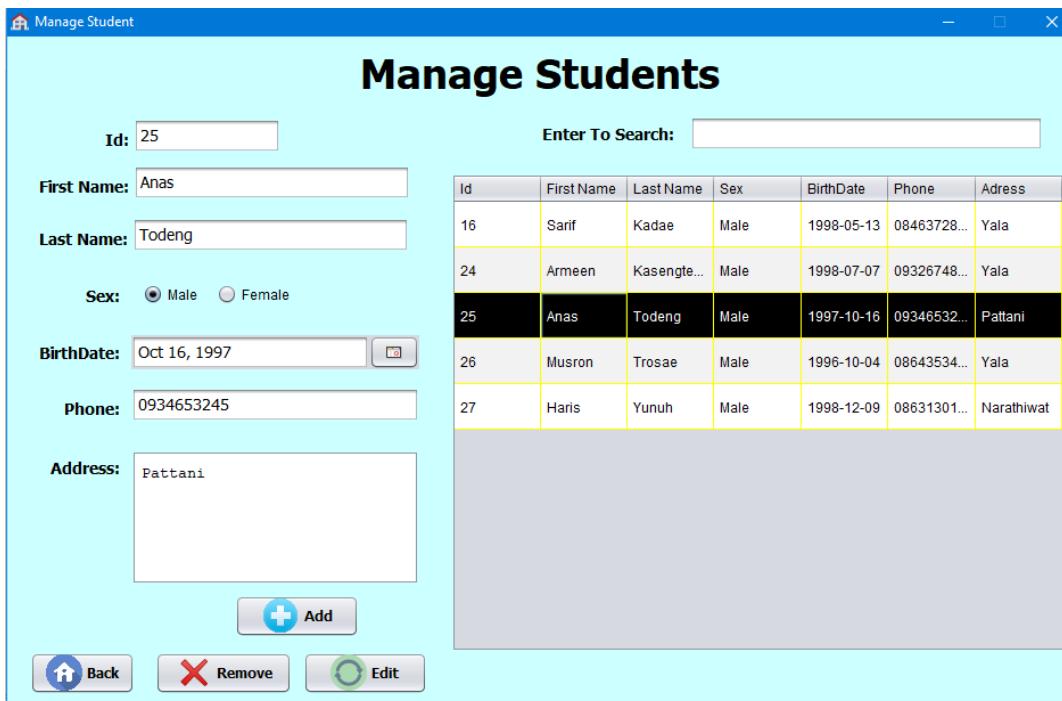
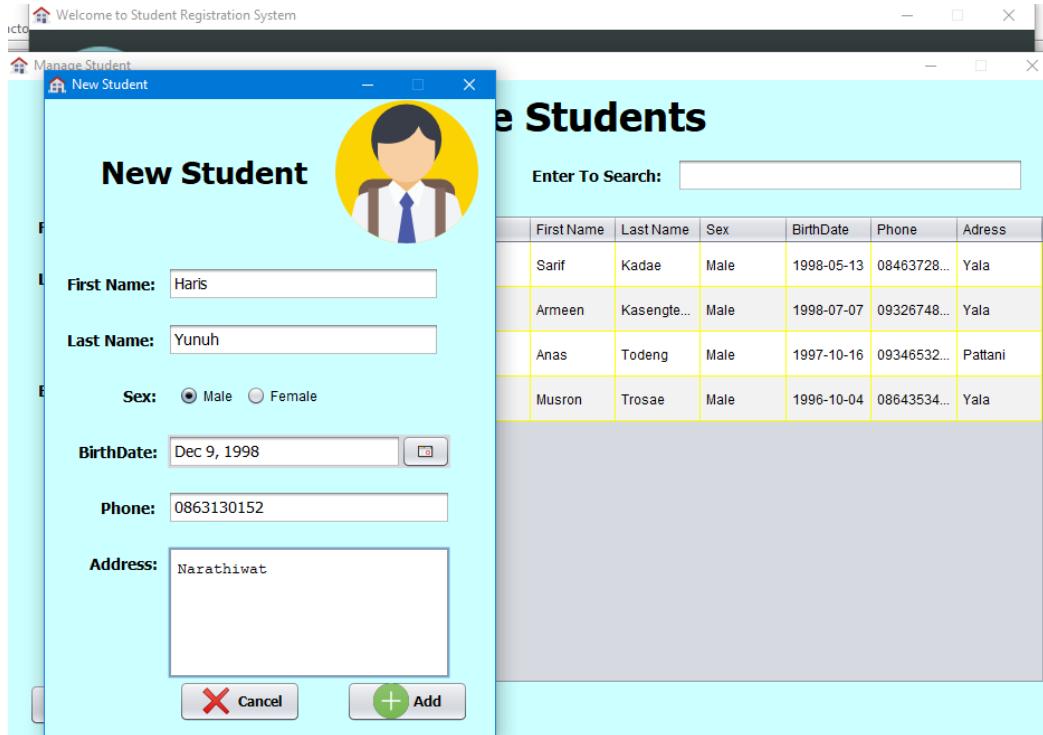
A panel with a label on it to show **total number of students** .

A panel with a label on it to show **total number of courses** .



5 – Add student and Manage Student

User can add new student, edit student, delete or remove student we call user can control everything.



6 – Add course and Manage course

User can add new course, edit course, delete or remove course we call user can control everything too.

The screenshot shows two windows of a software application titled "Manage Course".

Add Course Window:

- Title Bar:** Manage Course
- Main Title:** Add Course
- Form Fields:**
 - Label:
 - Hours:
- Buttons:**
 - X Cancel
 - + Add
- Navigation:** Back, Remove, Edit

Manage Course Window:

- Title Bar:** Manage Course
- Icon:** A blue shopping basket icon containing a book labeled "My Courses" with a green plus sign.
- Table:** A grid showing course data with columns: Id, Label, and Hours.
- Data:**

Id	Label	Hours
5	html	4
8	javascript	5
10	mysql	10
12	sql	12
14	C++	26
15	Java Program	9
16	Thai	4
17	php	8
- Buttons:** Back, Remove, Edit

7 – Add score and Manage score to student

User can add score to each student, edit score, delete or remove score depend on user.

The screenshot shows a Windows application titled "Add Score". The main area contains a form with fields for "Student Id" (text input), "Course Id" (dropdown menu showing "html"), "Score" (text input), and "Description" (text input). Below the form are two buttons: "Cancel" (red X) and "Add" (green plus sign). To the right of the form is a table listing student records:

Id	First Name	Last Name
16	Sarif	Kadae
24	Armeen	Kasengteba
25	Anas	Todeng
26	Musron	Trosae

Course id can select depend on user.

This screenshot shows the same "Add Score" application window. The "Course Id" dropdown menu is open, displaying a list of course names: html, javascript, mysql, sql, C++, Java Program, Thai, and php. The item "Java Program" is currently selected. The student table on the right has one row highlighted in black, representing the student record for Haris Yunuh.

8 – Edit and Delete Score

This is user can edit or update score or if no need some score it can delete by user.

The screenshot shows the 'Edit / Delete Score' application window. On the left, there are four input fields: 'Student Id' (24), 'Course Id' (10), 'Score' (65.0), and 'Description' (Passed). Below these is a green 'Add' button with a plus sign. At the bottom are three buttons: 'Back' (blue house icon), 'Edit' (green circular icon), and 'Remove' (red X icon). On the right is a table with columns: Student Id, Course Id, Score, and Description. The table contains five rows of data:

Student Id	Course Id	Score	Description
16	14	87.0	Passed
24	10	65.0	Passed
24	8	70.0	Passed
27	15	100.0	Passed

User can update score depend on user.

The screenshot shows the same application window after updating the score. A modal 'Message' dialog box is centered over the table, displaying an info icon and the text 'Score Data Updated'. There is an 'OK' button at the bottom right of the dialog. The table now shows the updated score of 88 for the row where the course ID was 10.

Student Id	Course Id	Score	Description
16	14	87.0	Passed
24	10	88.0	Passed
24	8	70.0	Passed
27	15	100.0	Passed

8 – Show Score all student user added

This is user added edited then the program can show all.



The screenshot shows a window titled "Students Score". At the top, there are two school building icons and the text "Score All Students". Below this is a table with the following data:

Student Id	First Name	Last Name	Course	Score	Description
16	Sarif	Kadae	C++	87.0	Passed
24	Armeen	Kasengteba	mysql	88.0	Passed
24	Armeen	Kasengteba	javascript	70.0	Passed
27	Haris	Yunuh	Java Program	100.0	Passed
26	Musron	Trosae	AI	87.0	Passed
25	Anas	Todeng	Thai	34.0	Failed

At the bottom left is a pink "HOME" button with a house icon. In the center, it says "Good Luck ^^".



Conclusion

By making Java Jframe project, our group created the program about student registration system we have many difficulties to do. Firstly, we cannot connect to database in xampp. Secondly, cannot get value from JCalenderBotton to be birthdate into the database and cannot get value in Table from database. Thirdly, we use Program PHOTOSHOP to create interface in java. Finally, we have done our project and study from internet and my friend to help us how to do.

- Our program application completed. No error, no lack.
- The program can use in daily life.
- Our program easy to use and easy to understand.
- Interface of application is beautiful.
- Created design by Program Photoshop CS6.

Al-ham-dulillah.

References

Class:

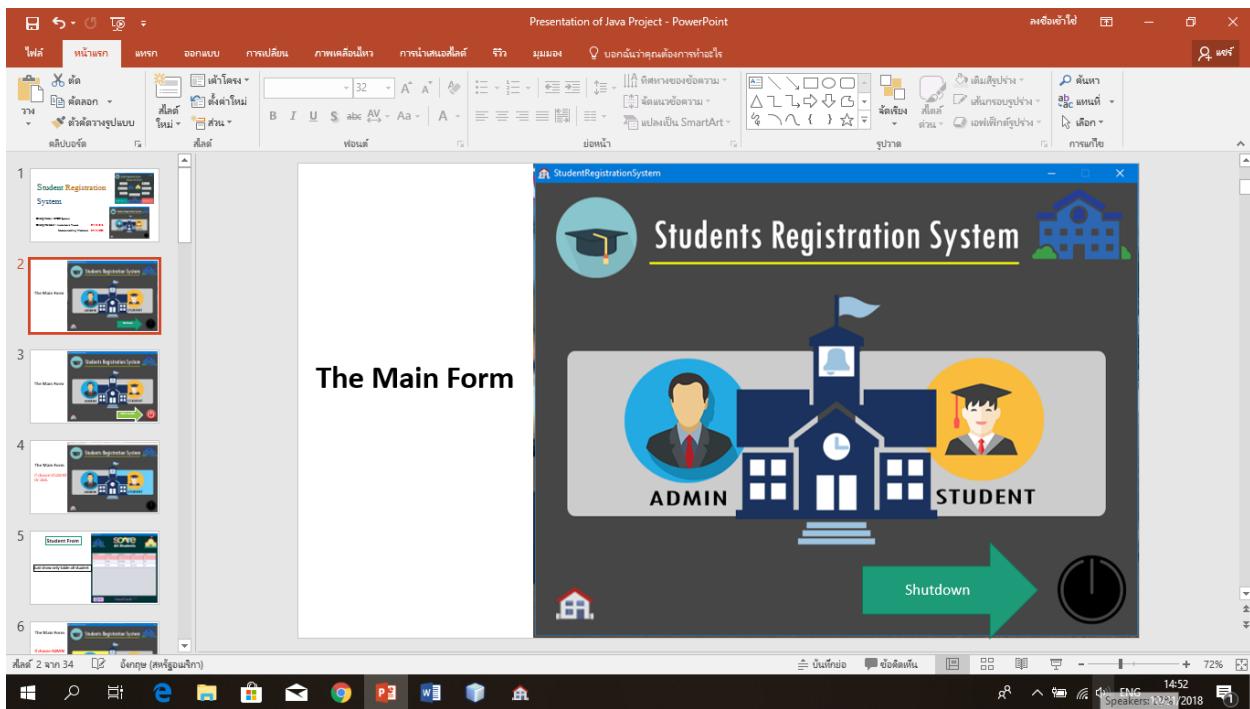
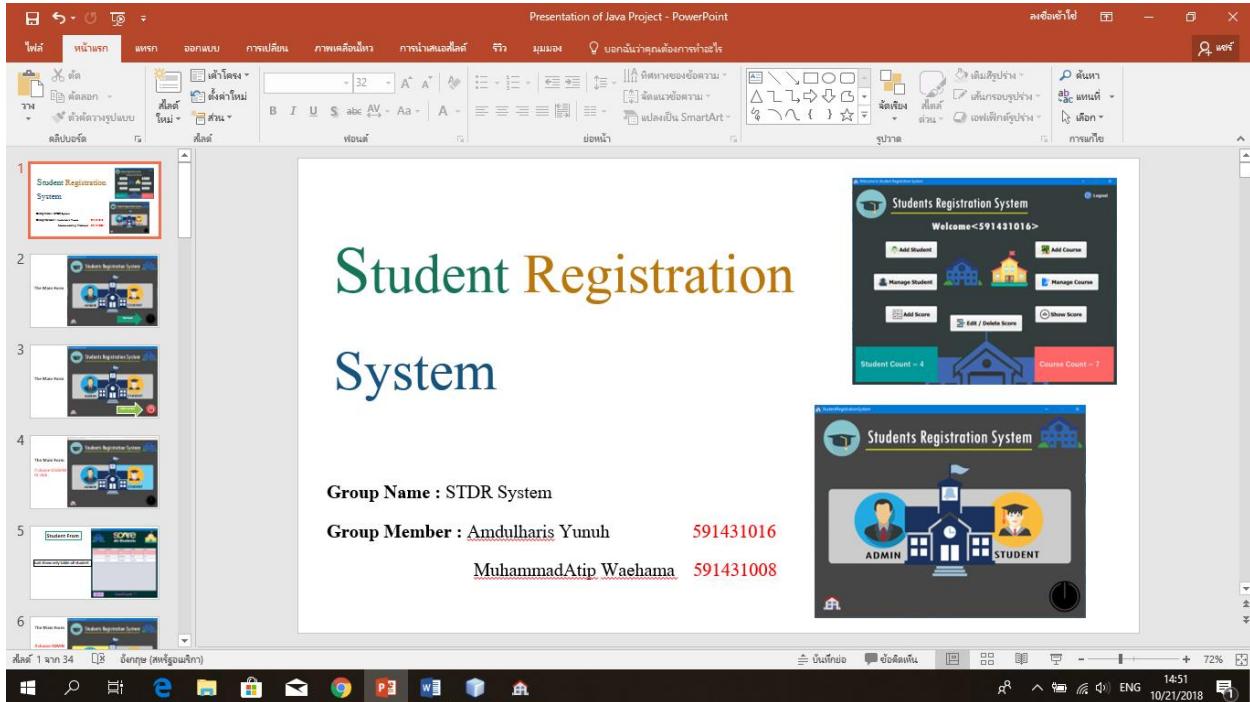
- GUI and MySQL Connection (Presentation slides)

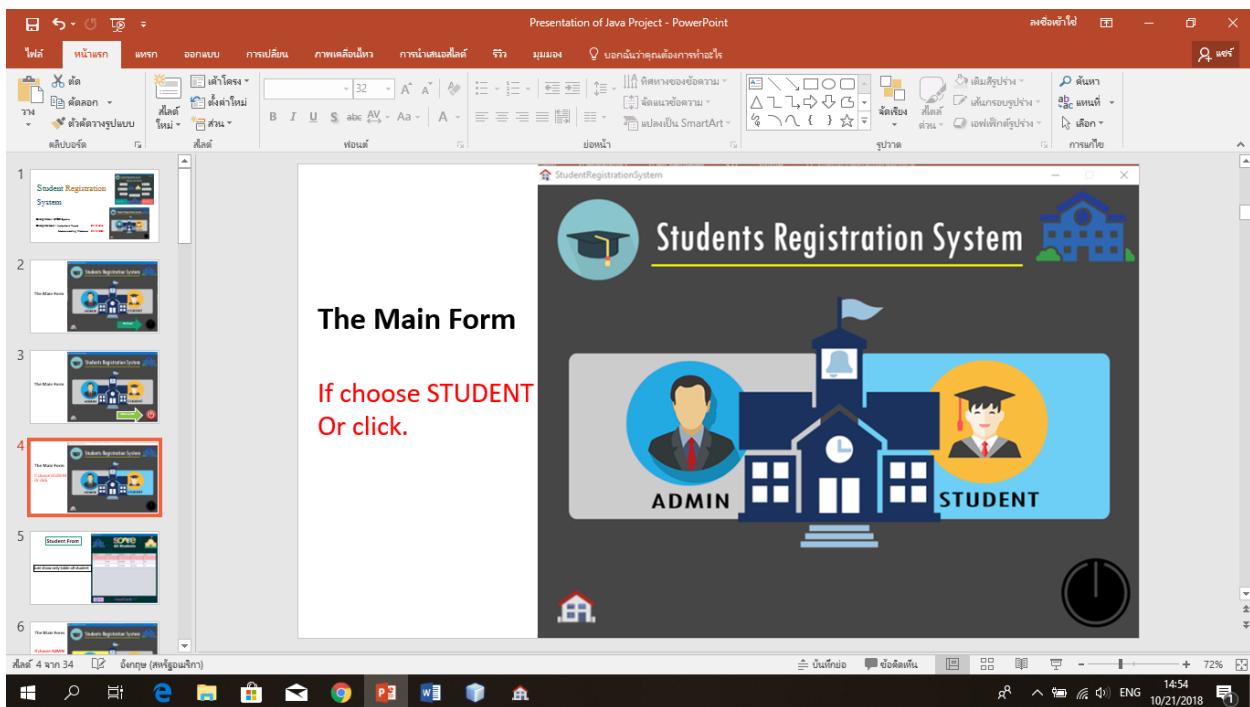
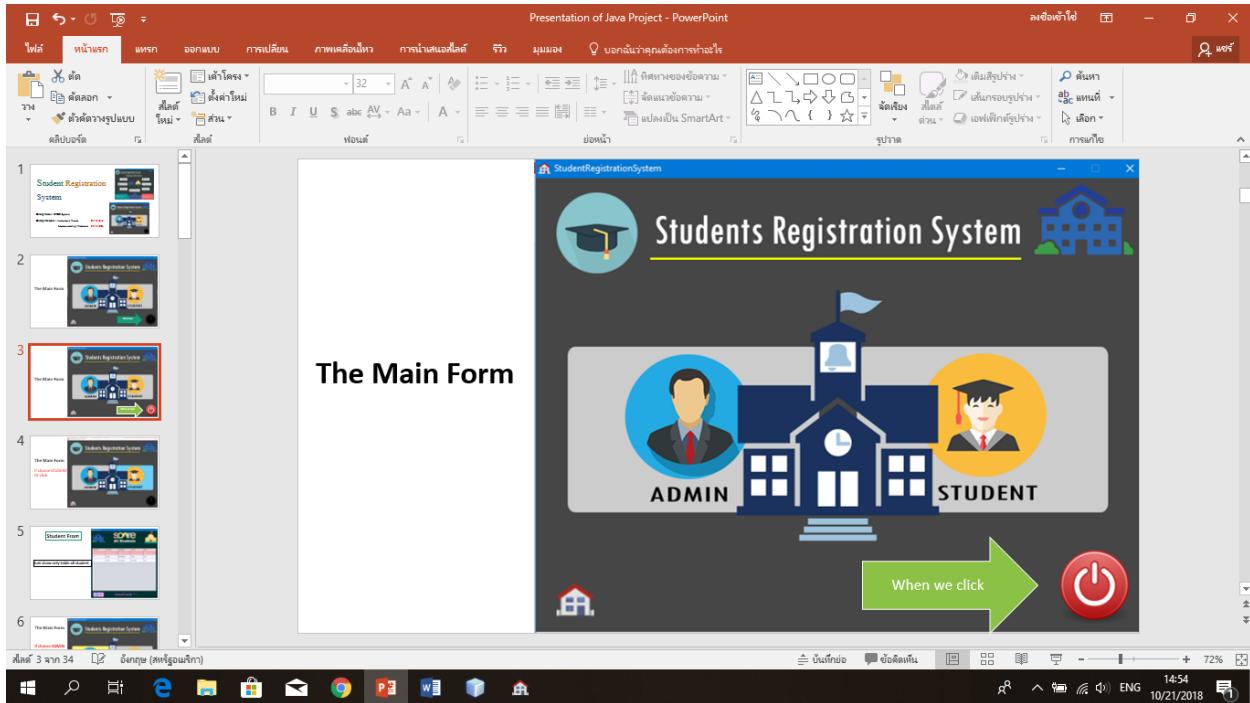
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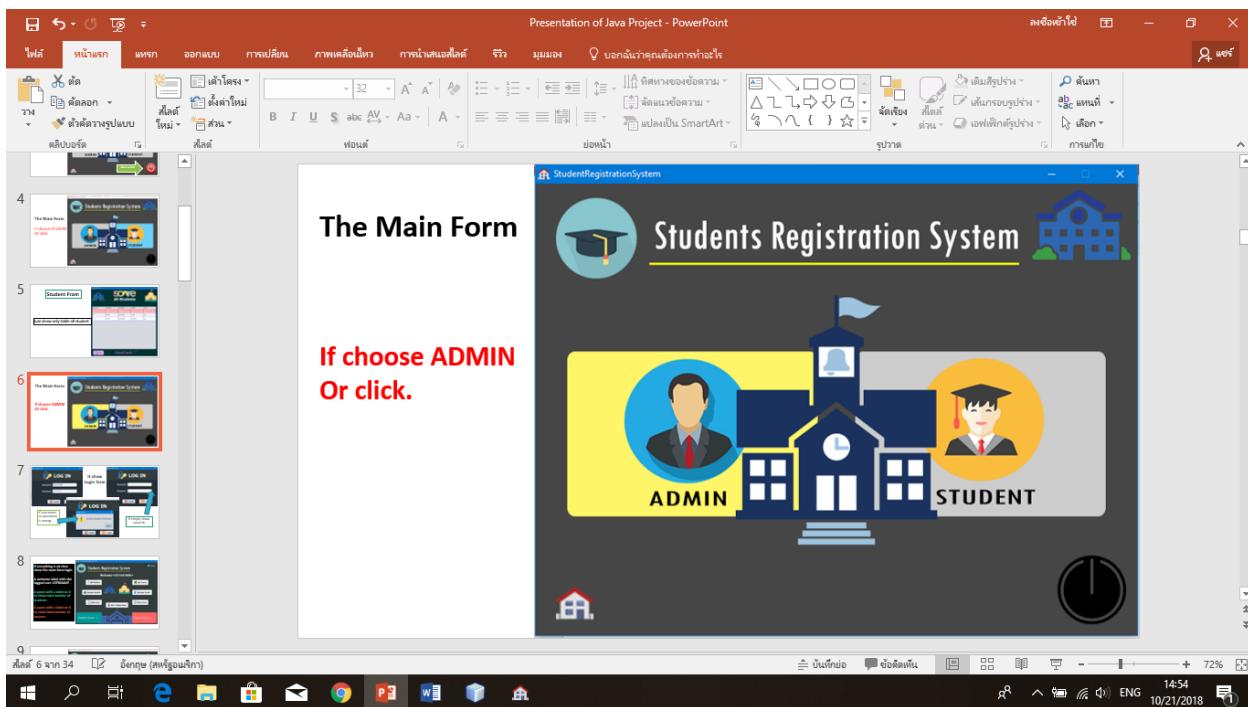
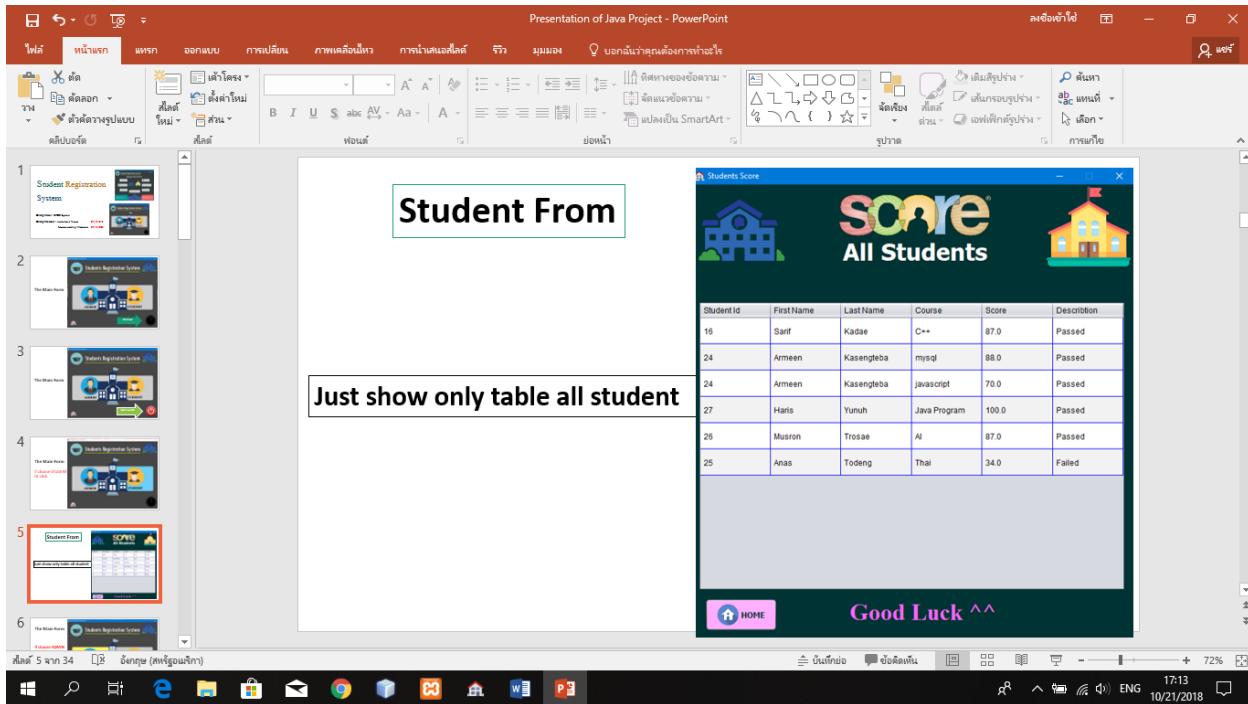
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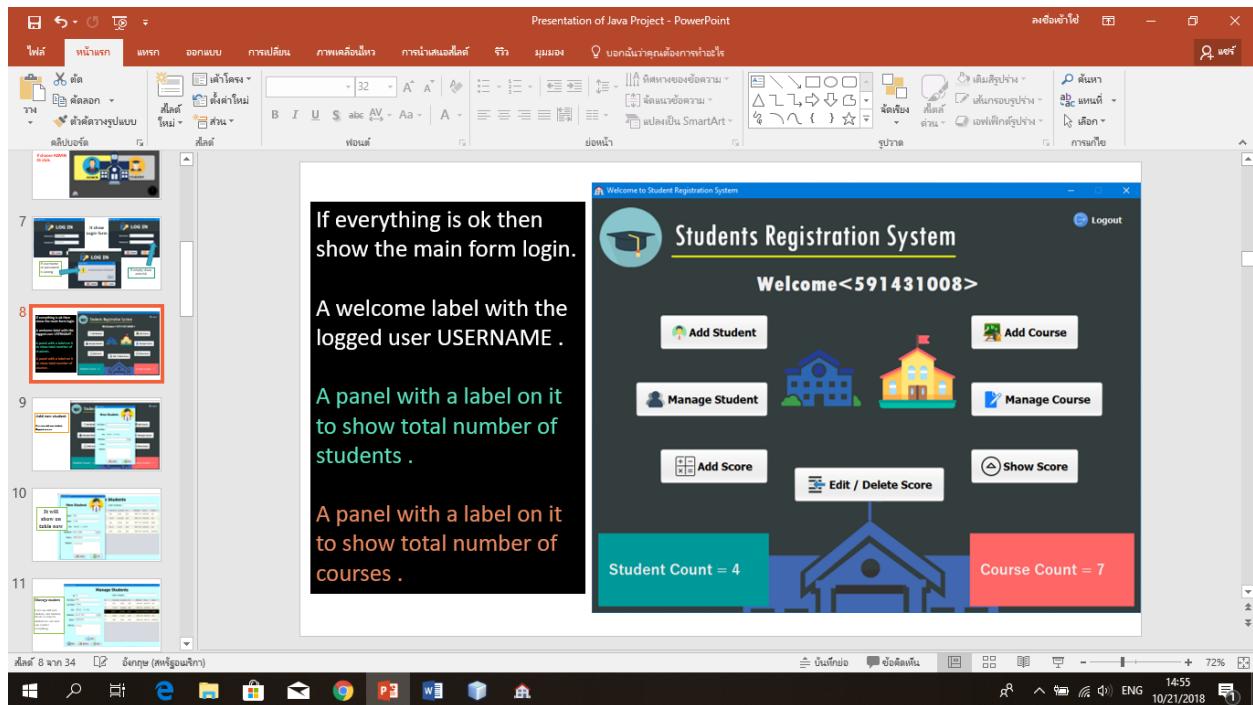
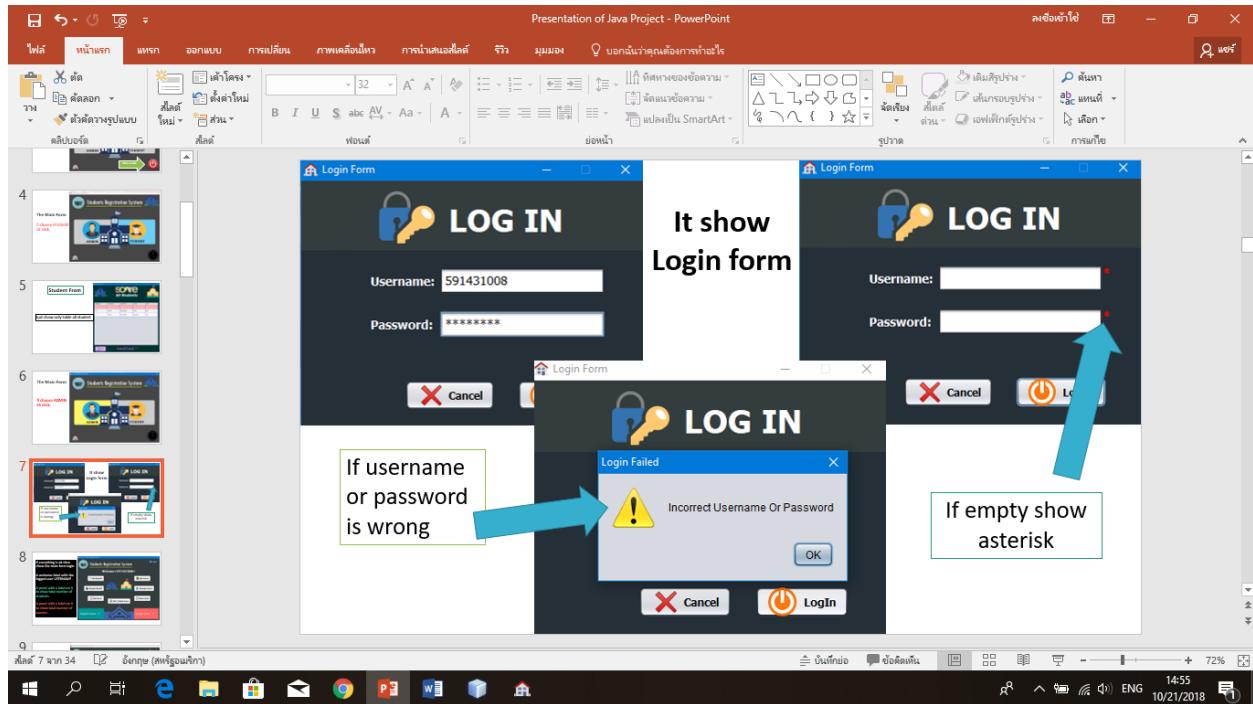
Appendix

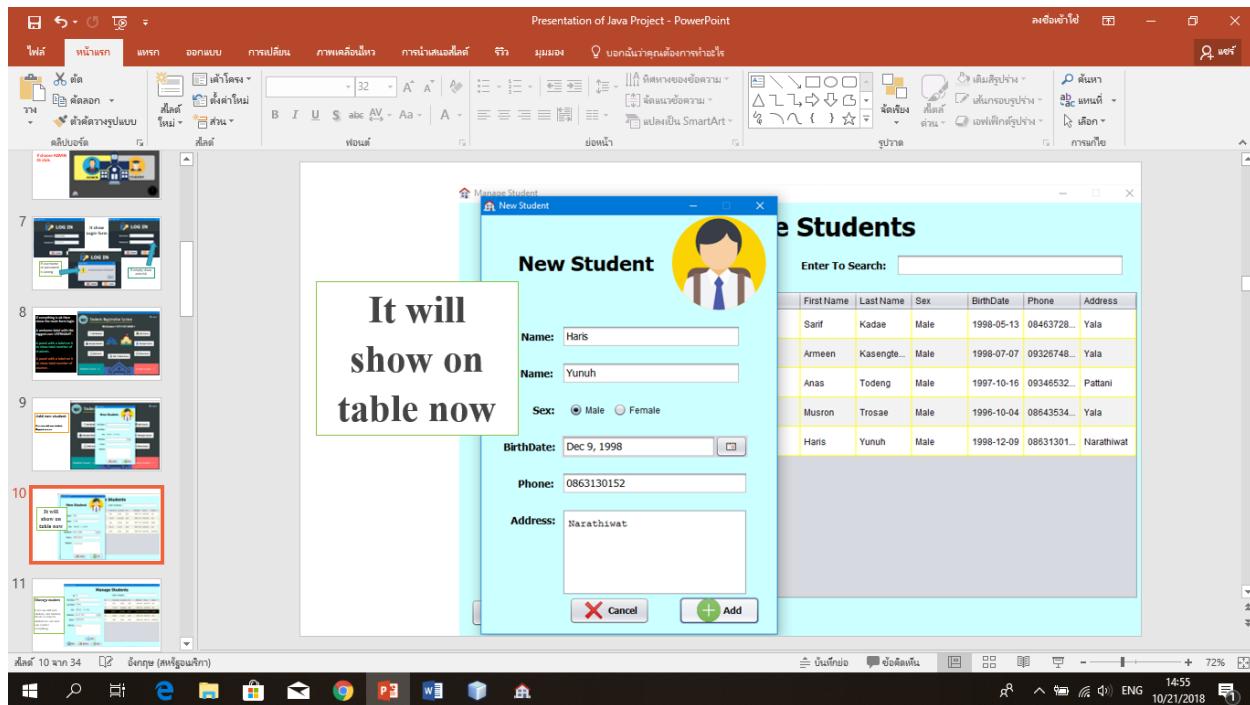
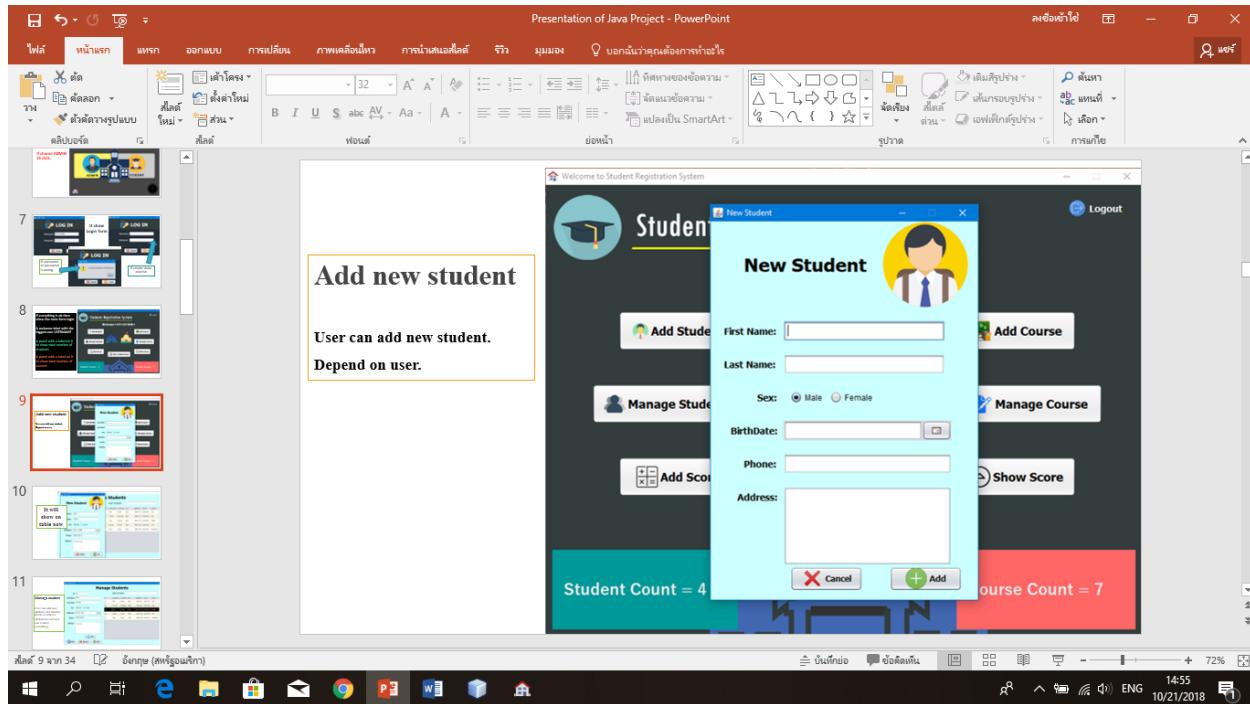
Our slide presentation about Student Registration System

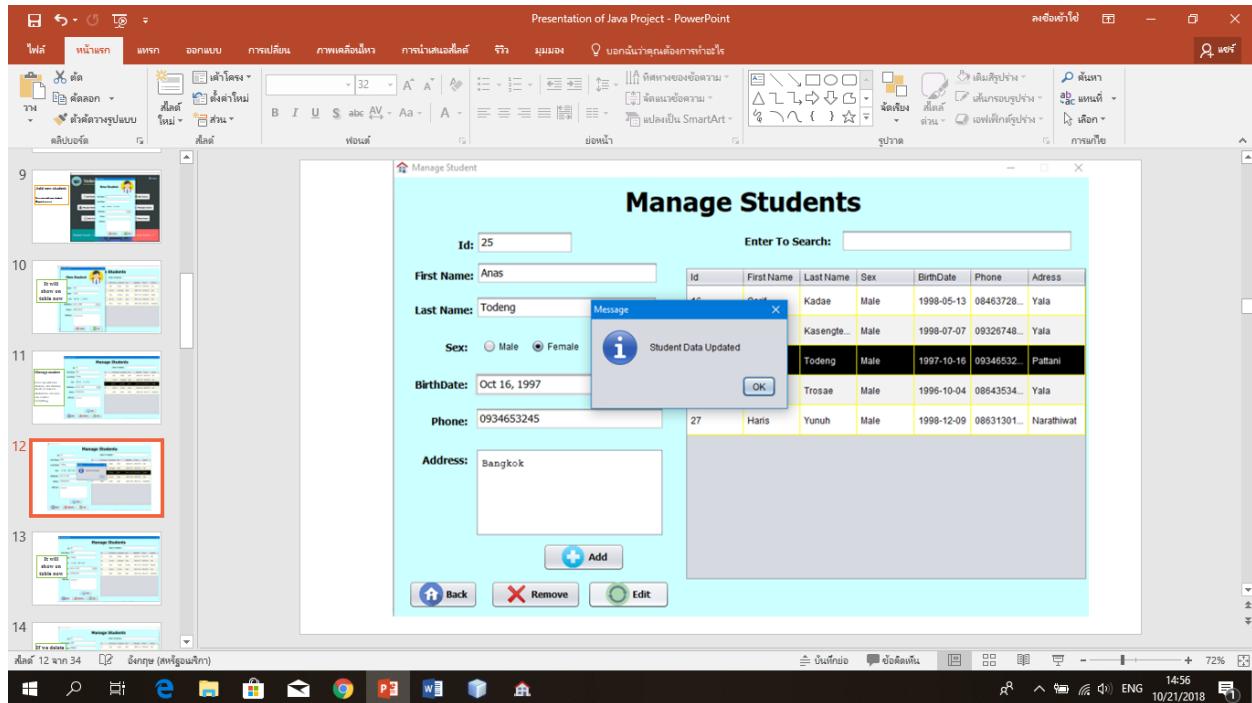
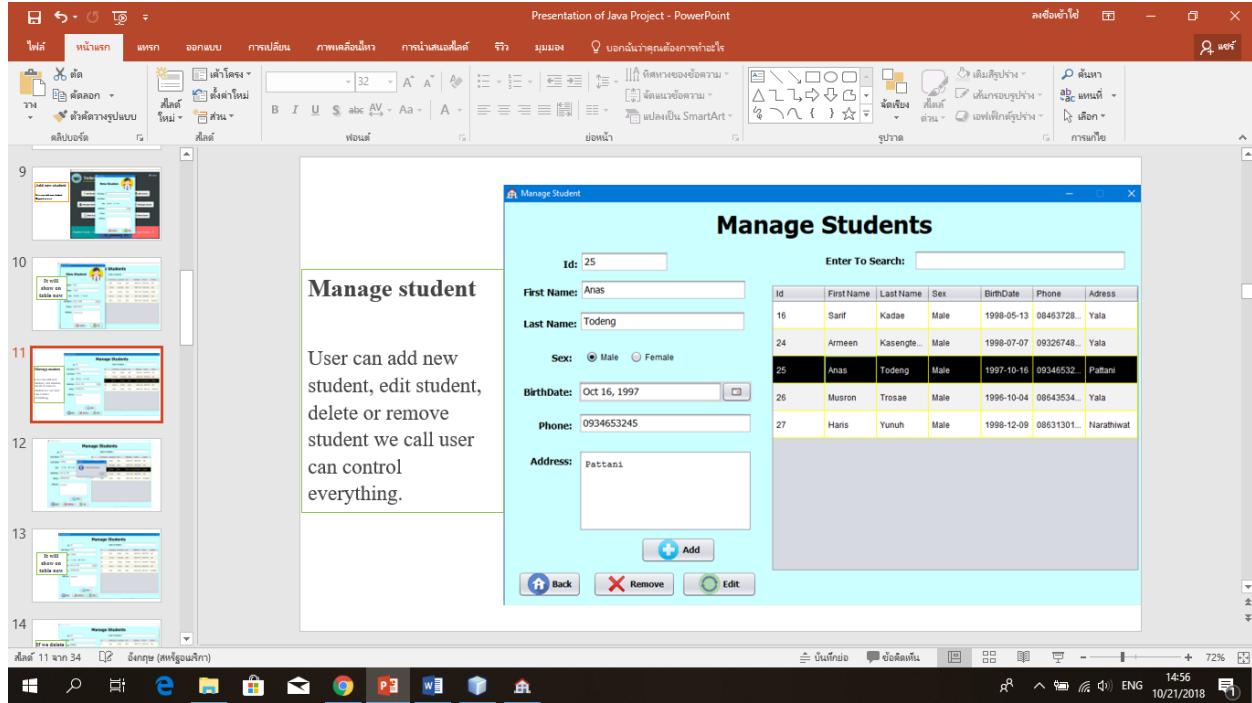


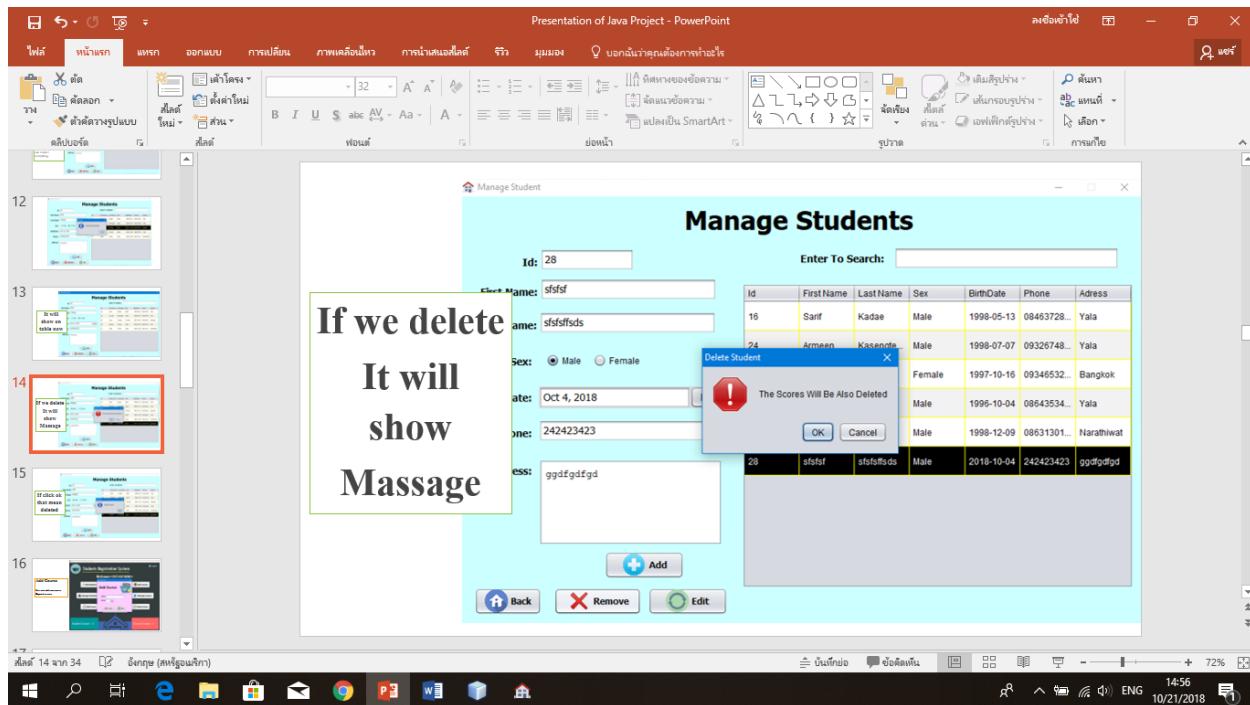
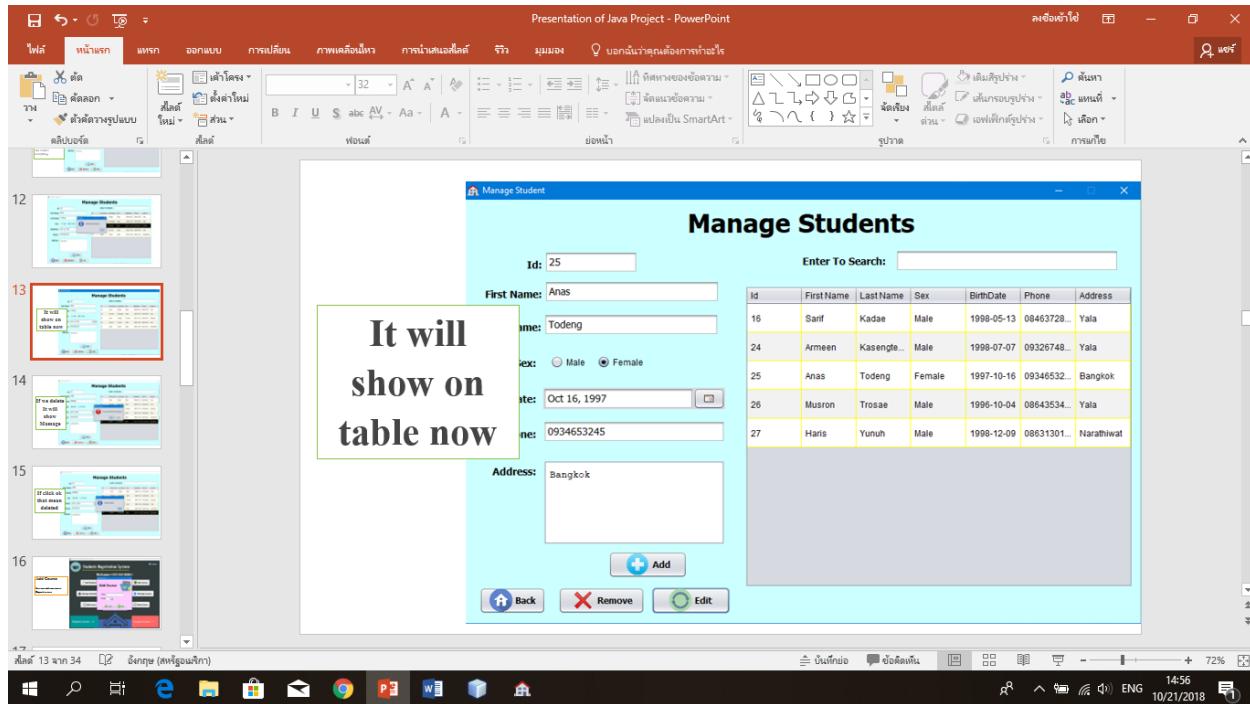


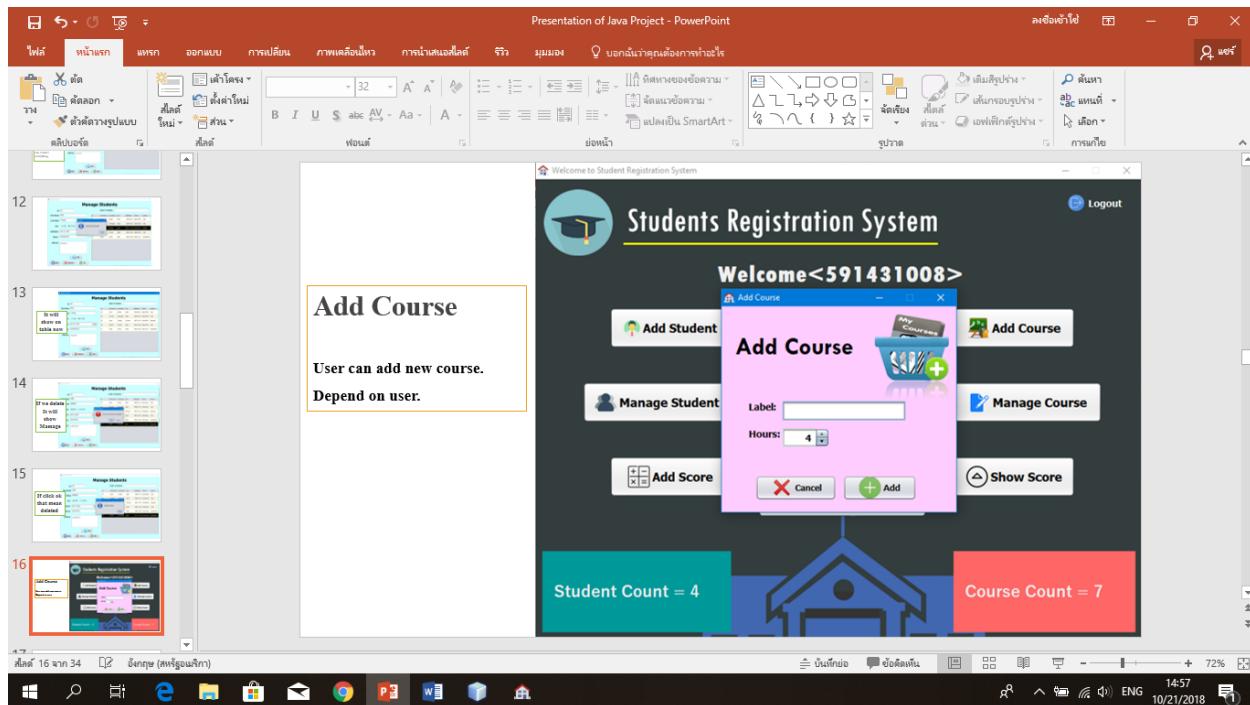
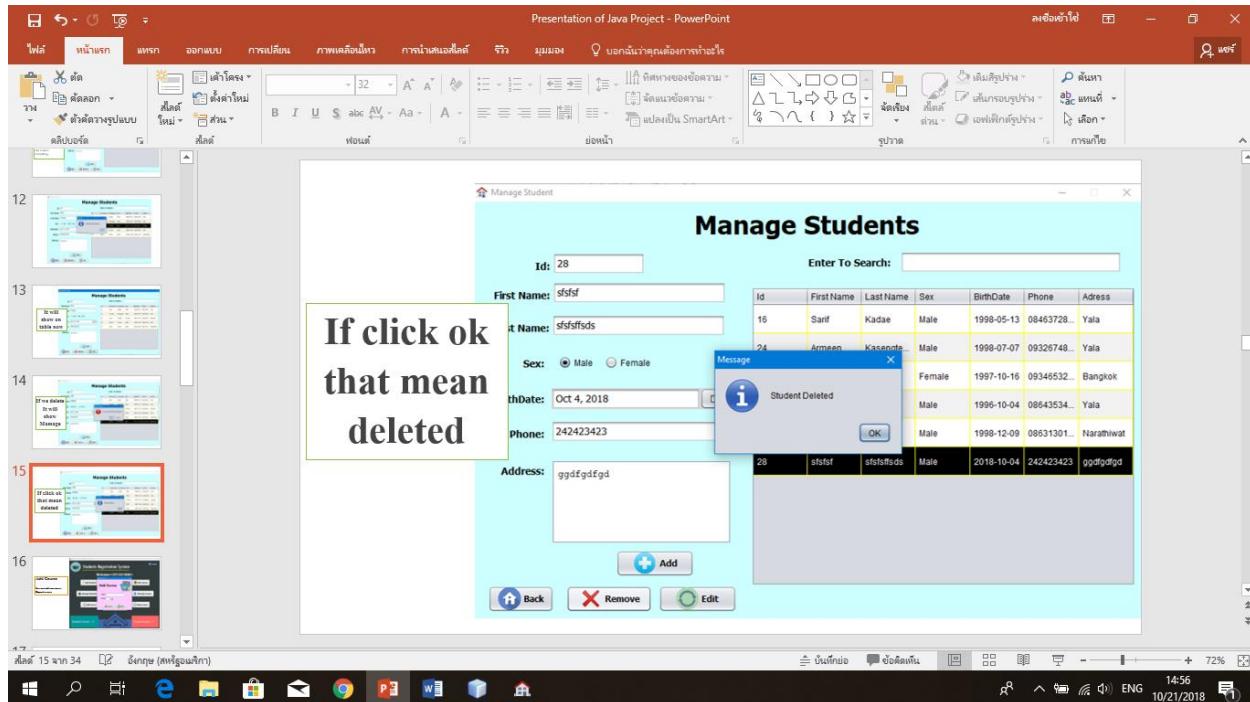


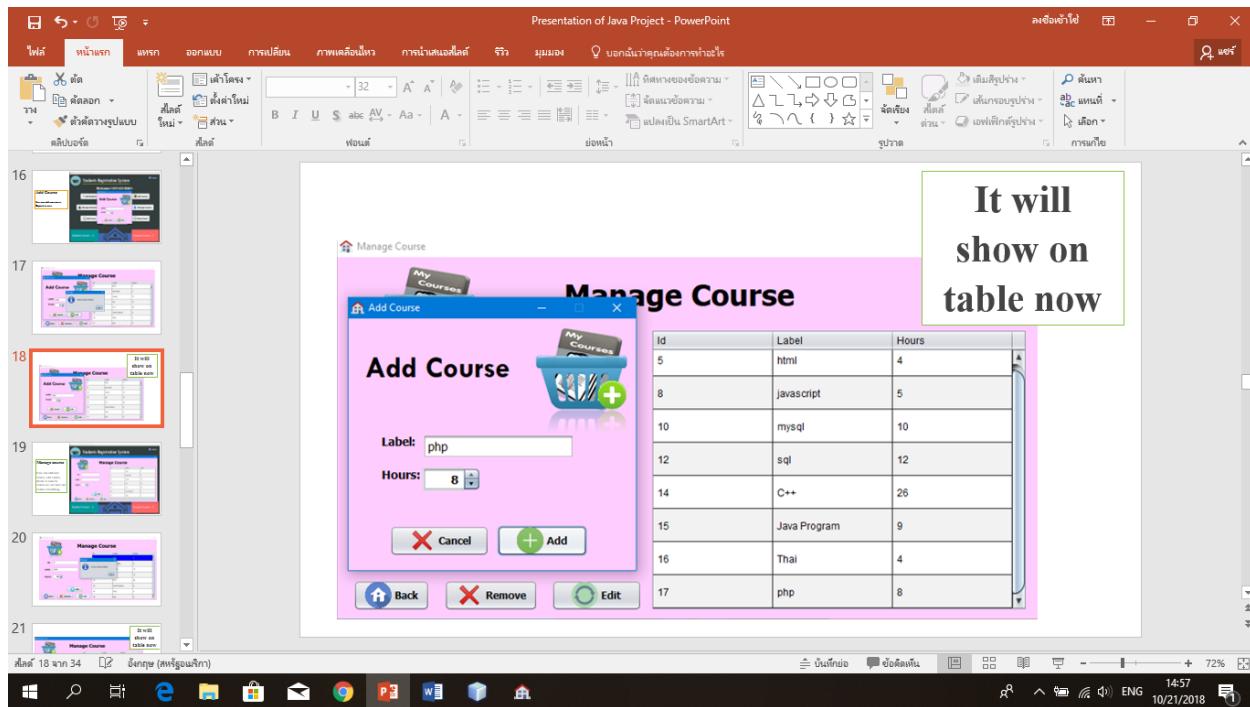
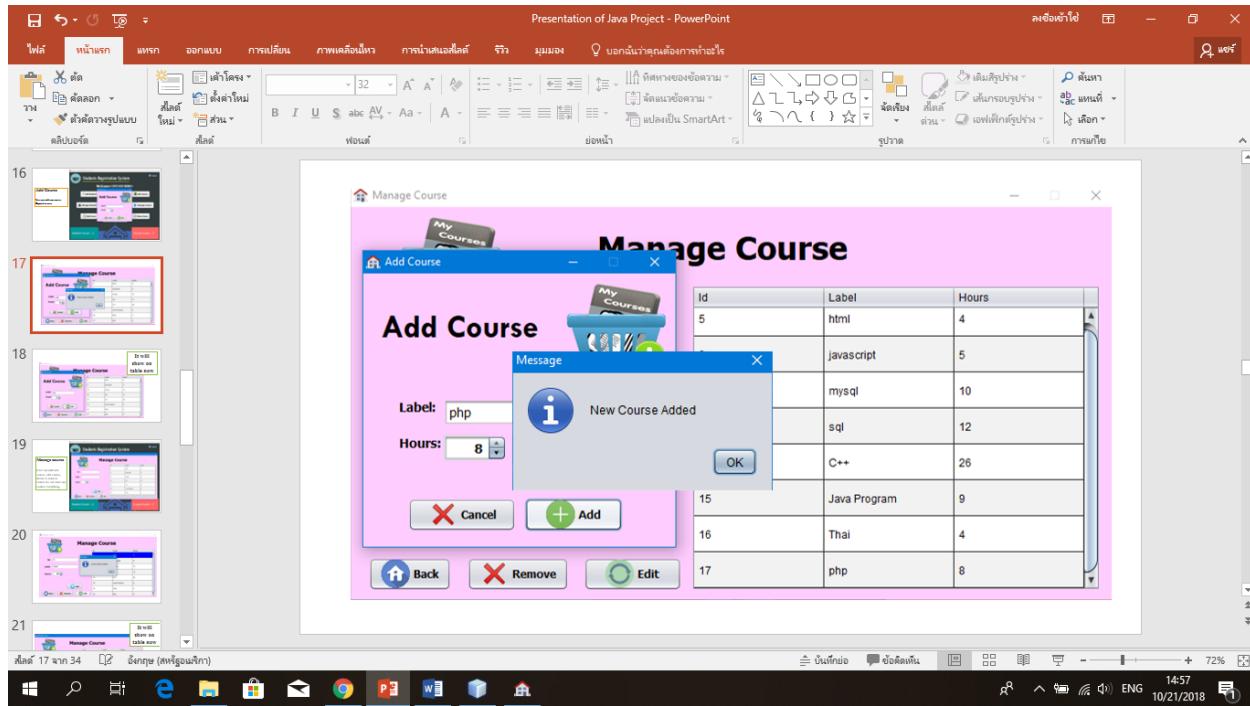


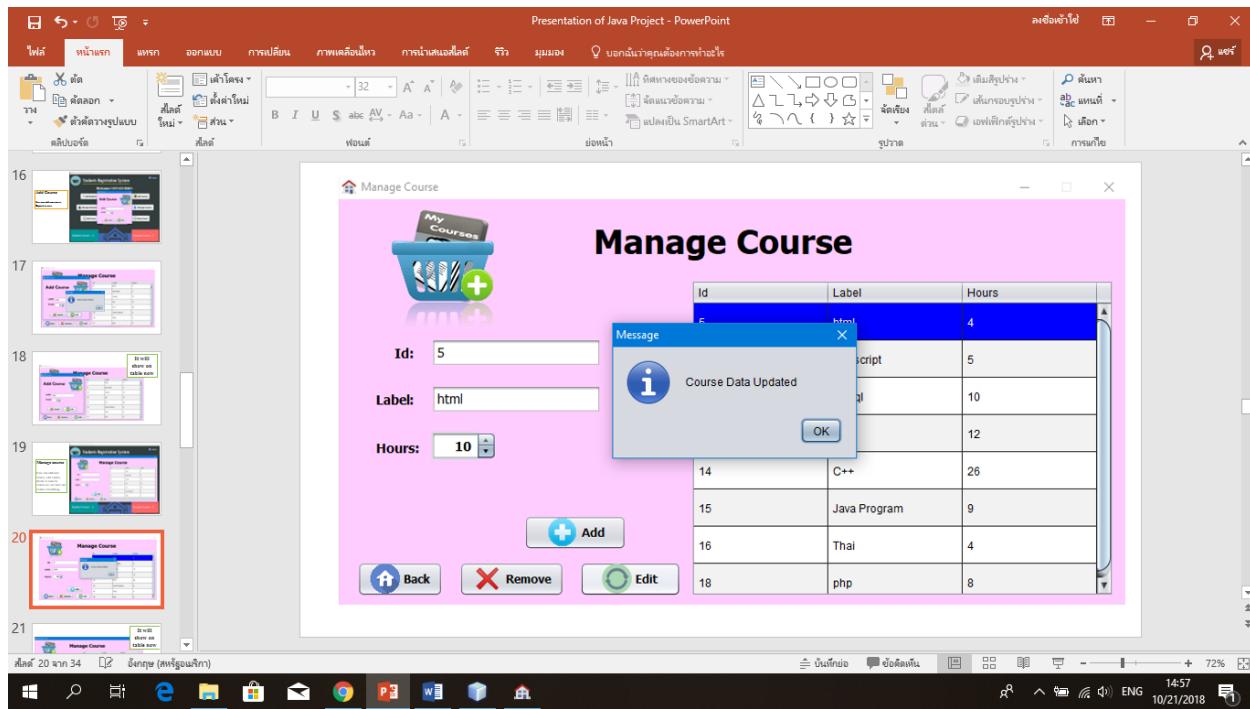
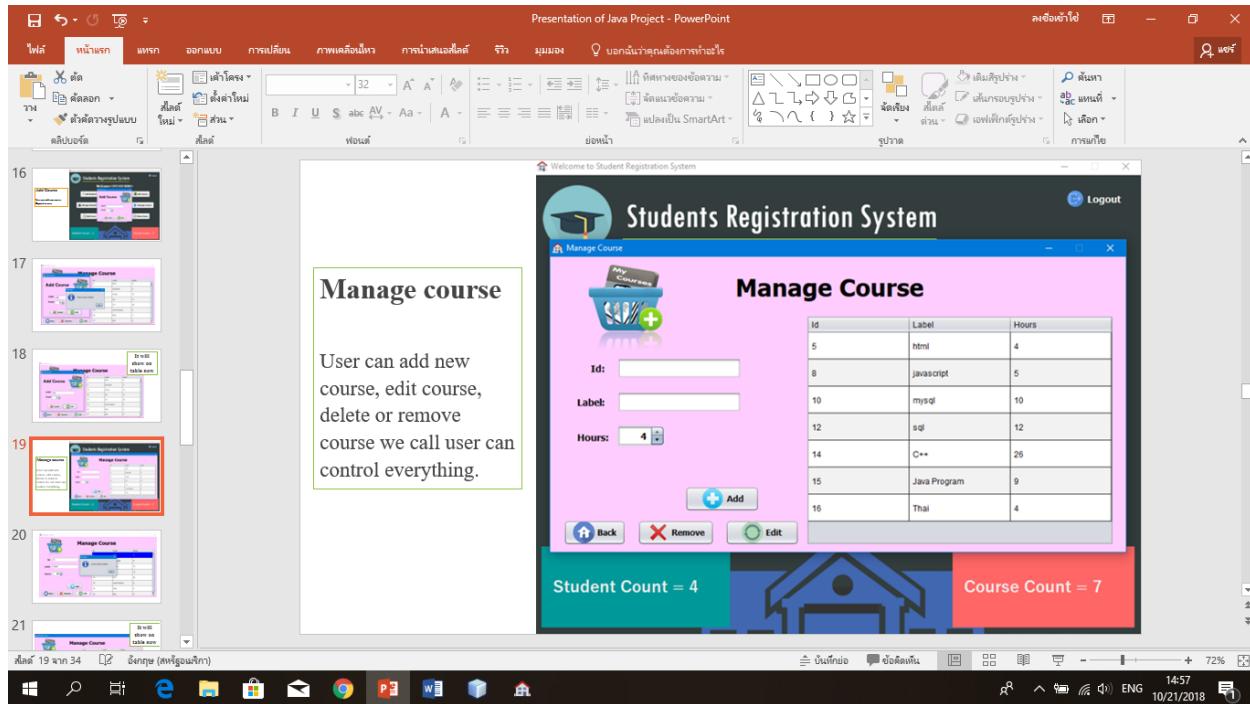


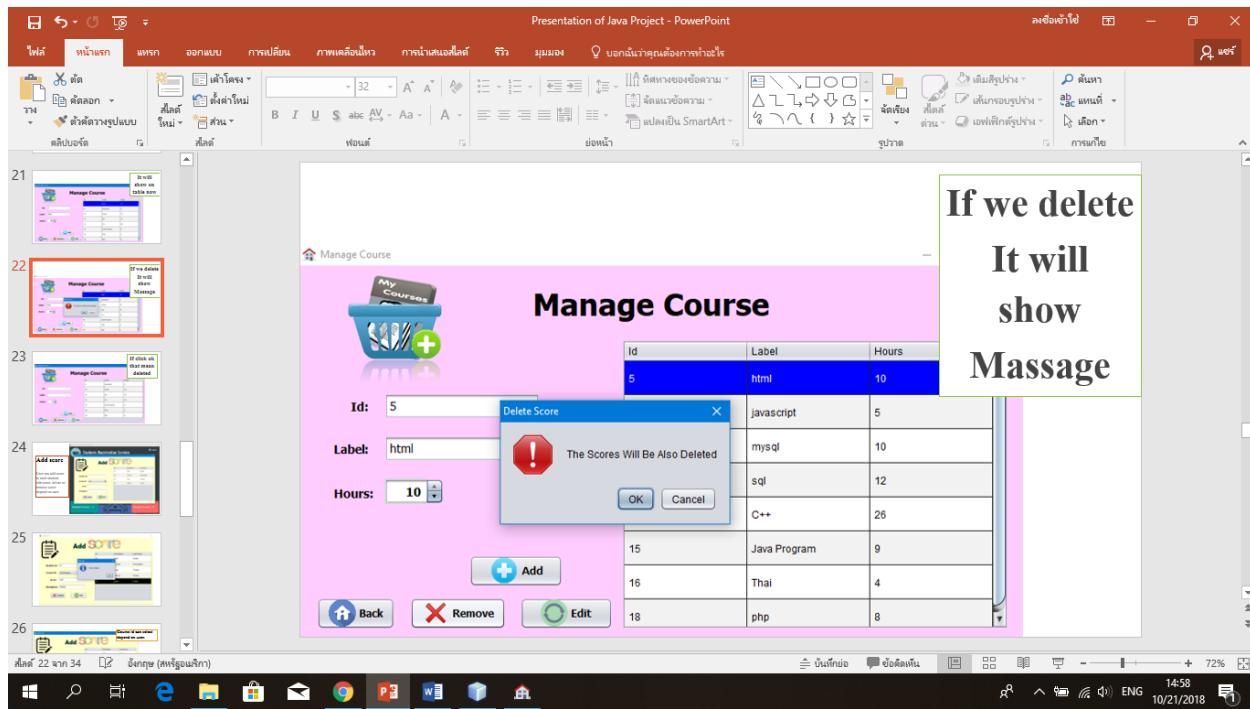
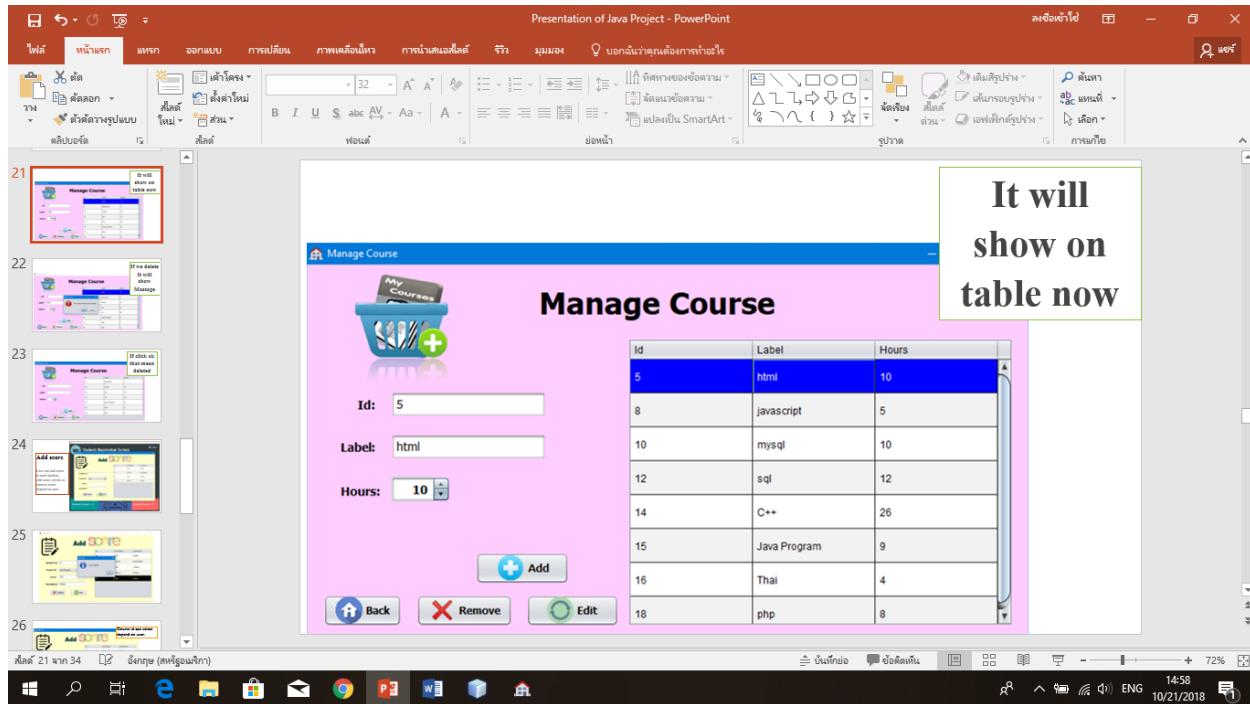


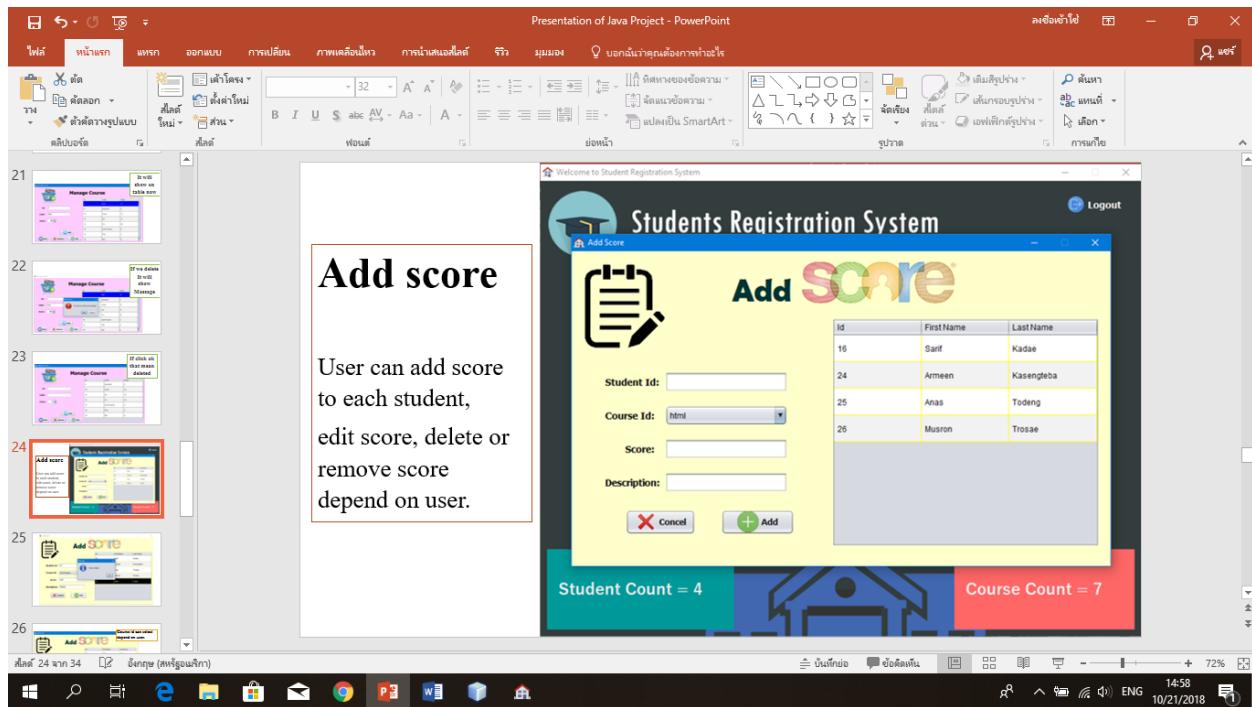
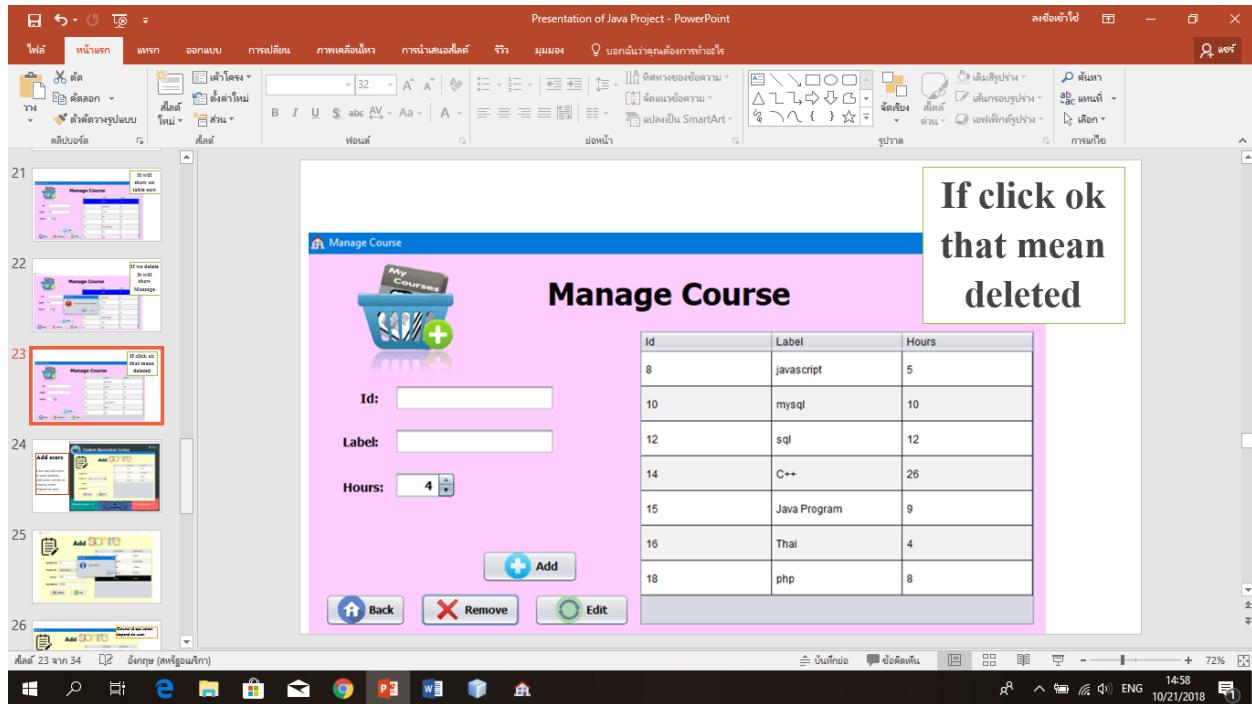


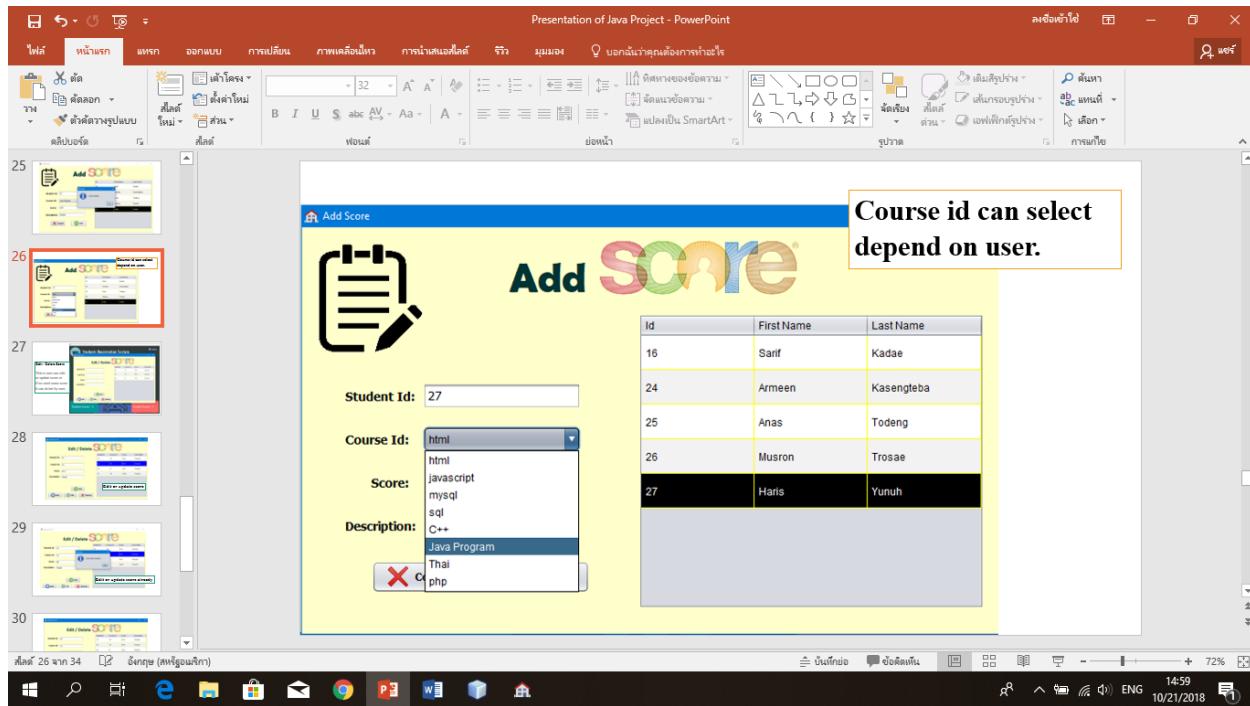
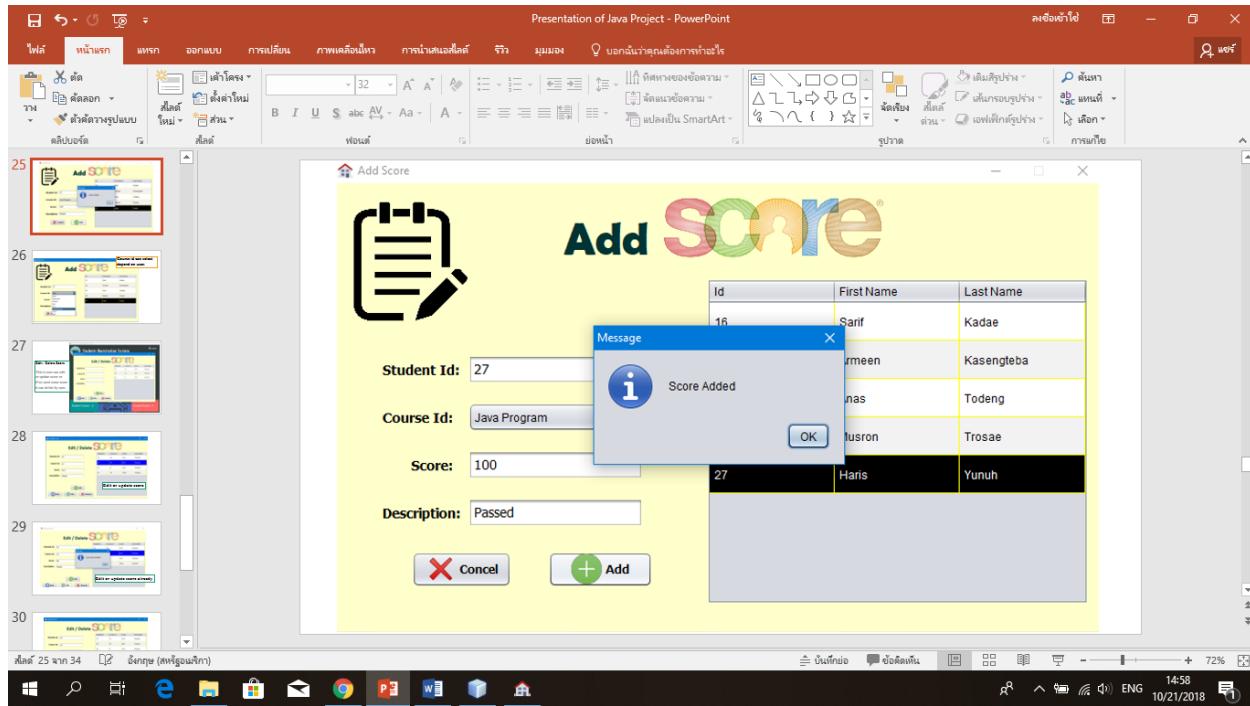


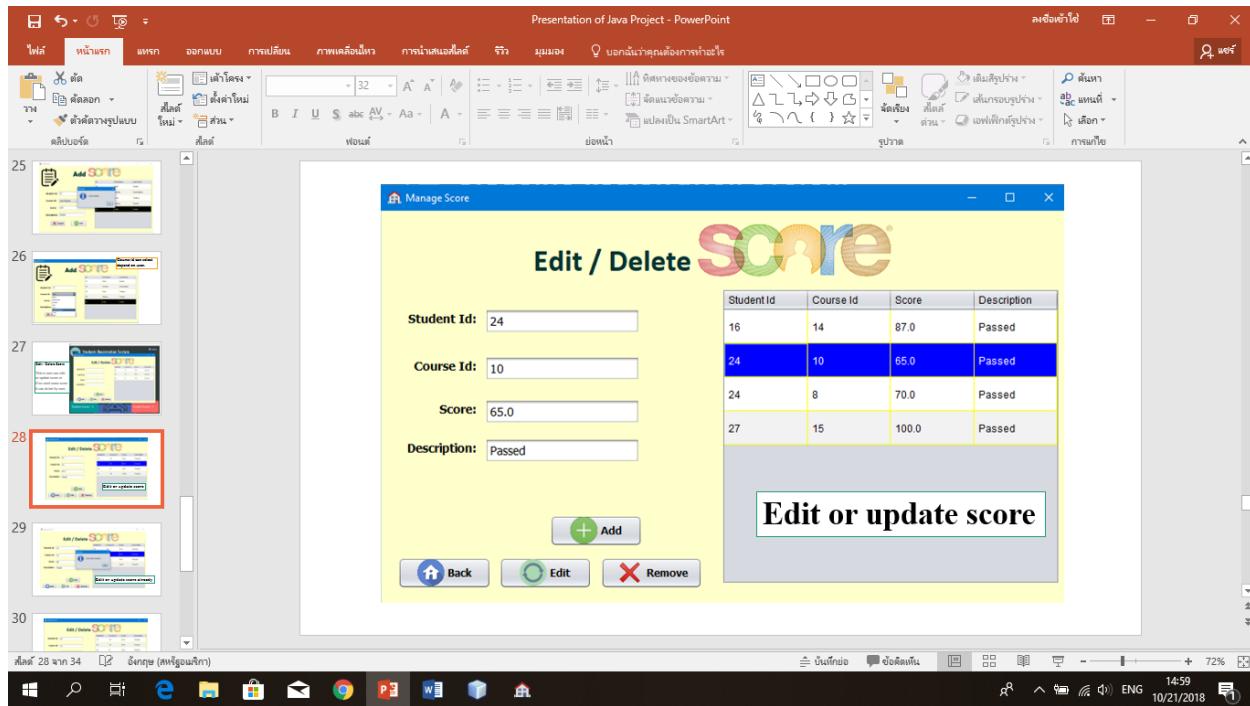
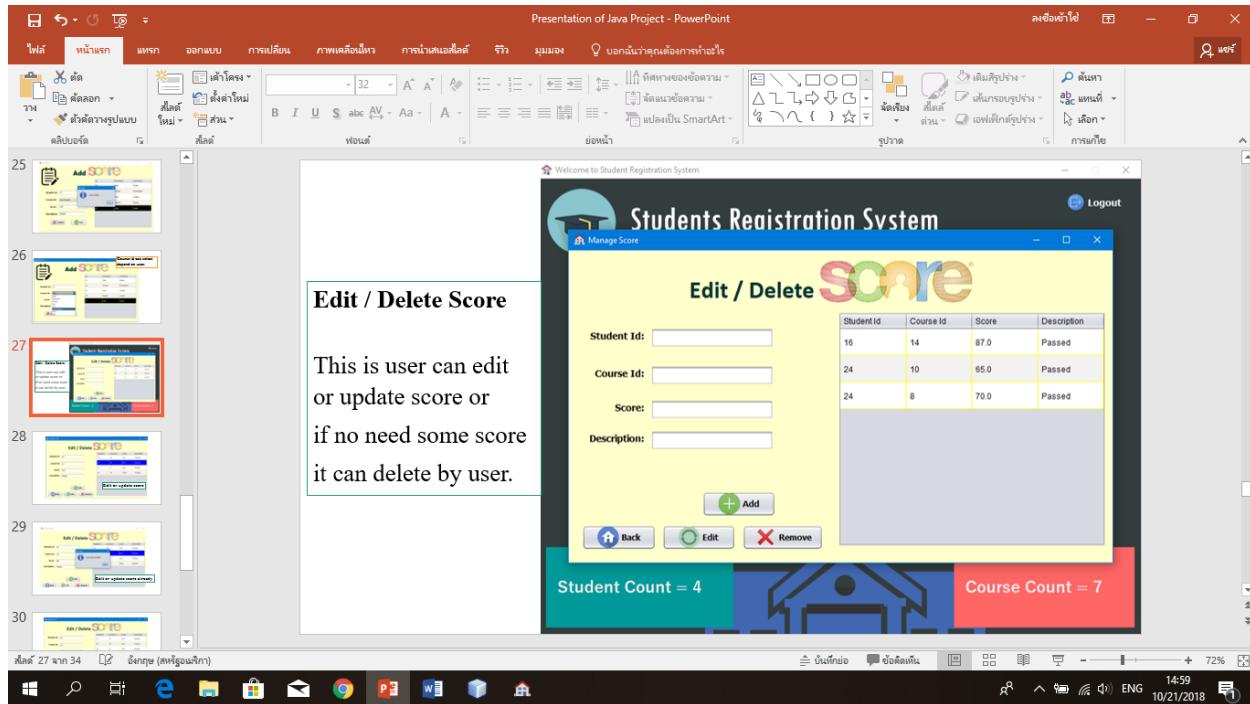


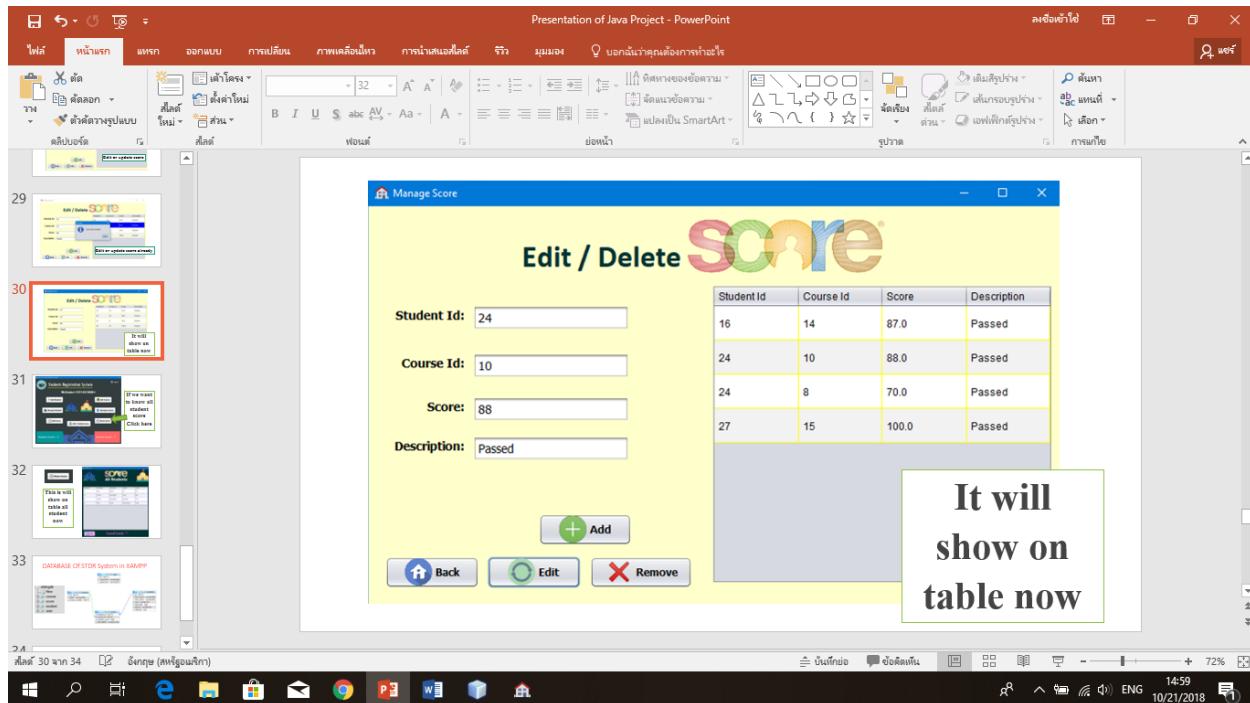
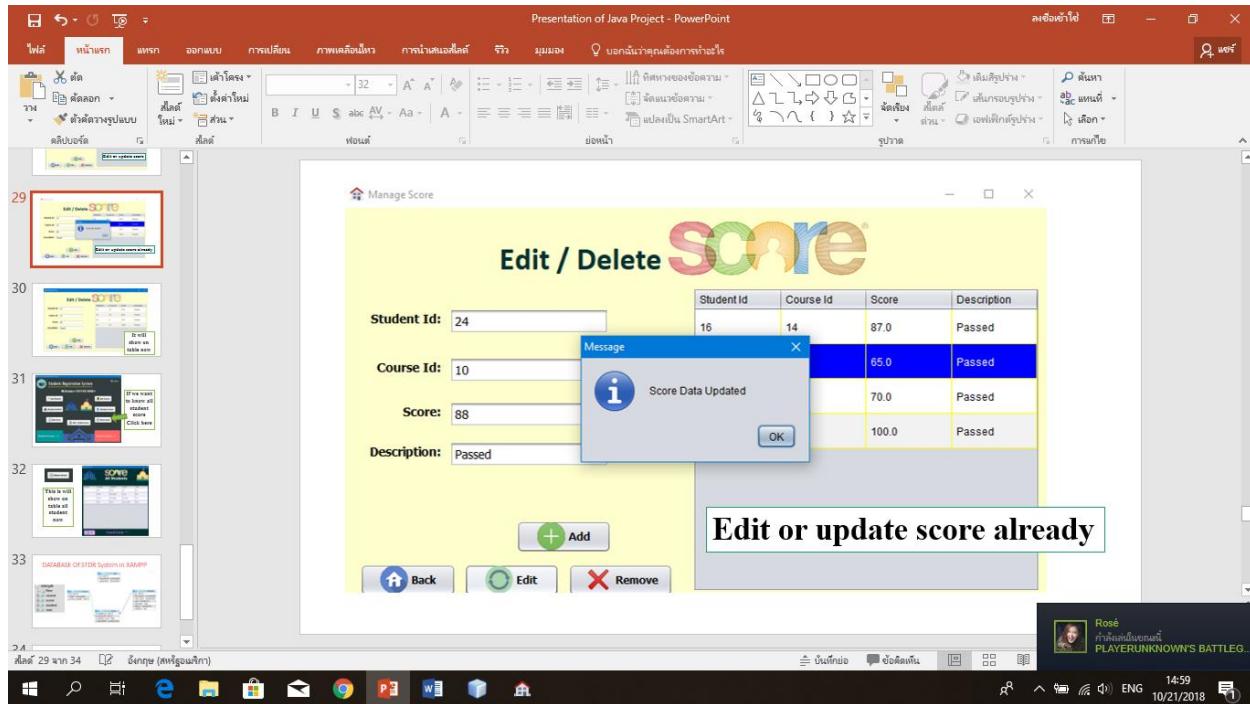


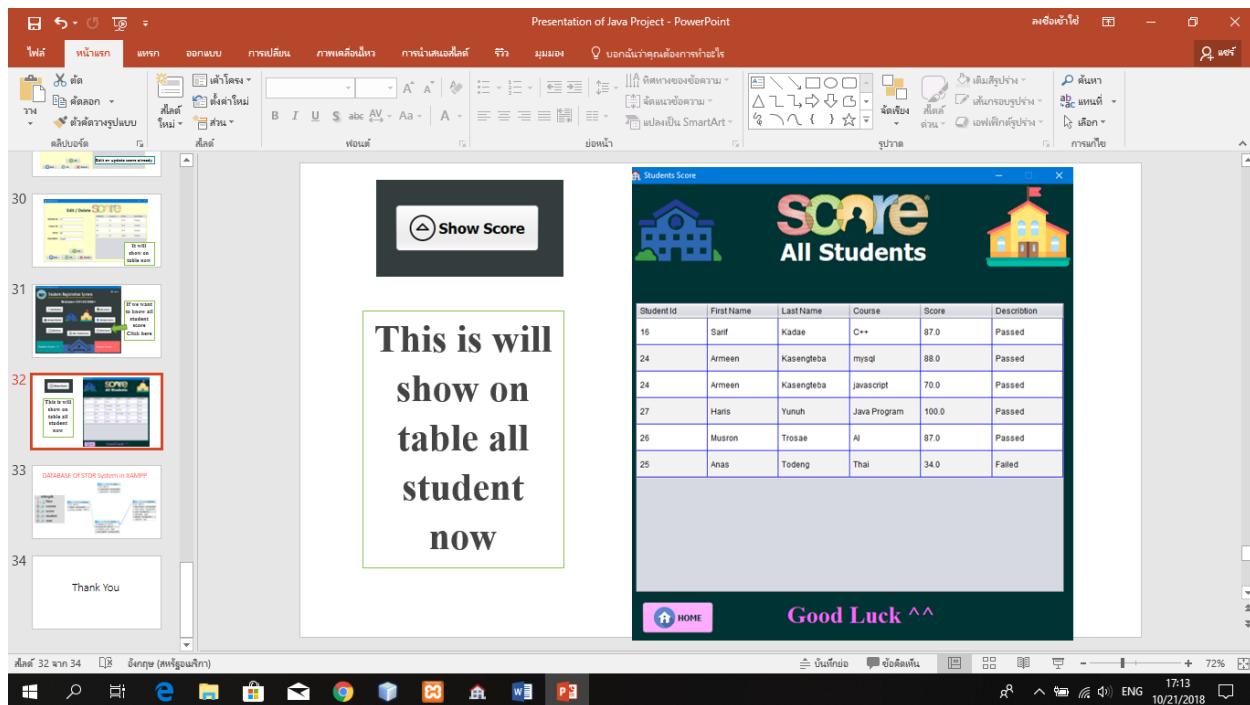
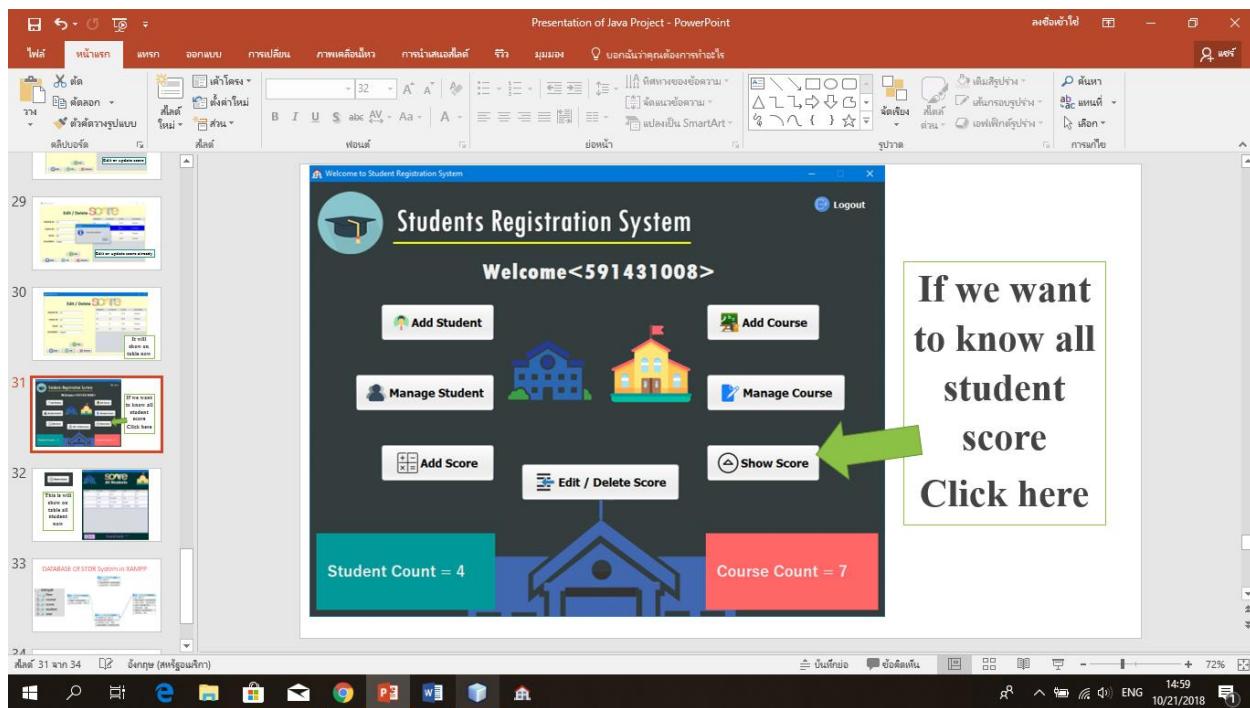












Presentation of Java Project - PowerPoint

stdmgdb

- New
- course
- score
- student
- user

stdmgdb.course

- # id : int(11)
- @ label : varchar(50)
- # hours_number : int(11)

stdmgdb.user

- ✓ id : int(11)
- @ username : varchar(50)
- @ password : varchar(50)

stdmgdb.student

- ✓ id : int(11)
- @ first_name : varchar(50)
- @ last_name : varchar(50)
- @ sex : varchar(10)
- @ birthdate : date
- @ phone : varchar(50)
- @ address : text

stdmgdb.score

- # student_id : int(11)
- # course_id : int(11)
- # student_score : float
- @ description : varchar(150)

DATABASE Of STDR System in XAMPP

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34

Thank You

Presentation of Java Project - PowerPoint

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Thank You