PROPOSAL: STUDENT INFORMATION SYSTEM

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INTRODUCTION

Our group proposed to conduct a project called Student Information System. The purpose to conduct this project is to provide a platform for the tutor to record the information of the students. By using this platform, the tutor able to collect the information of the student in a neat and order form. This system suitable from primary education to tertiary education. The Student Information System made up of 3 parts which are Student Information, Courses and Scores. The system receives the inputs from the user about the information of the student, the courses taken and the scores. Besides, the system able to show the list of the student recorded which include student's information, courses taken, and scores obtained. Moreover, the project will be conduct by using Java language and the knowledge of Object-Oriented Programming was required.

PART 1: STUDENT INFORMATION

The first part of this project is a function where all student details will be stored. In this part, the tutor will have to key in their students details in the "New Student" page. In this page,the tutor will be ask to key in the student first name, last name, gender,ID, Phone number and adress.The details of the student will be shown in the next page which is the "Manage Student" page where in this page the tutor can edit their student details if there is any changes or if the tutor want to search for a specific student details, the tutor can also do so.

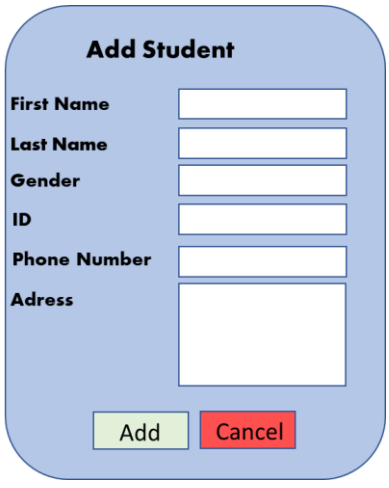

Diagram 1: Example diagram for "Add Student" page

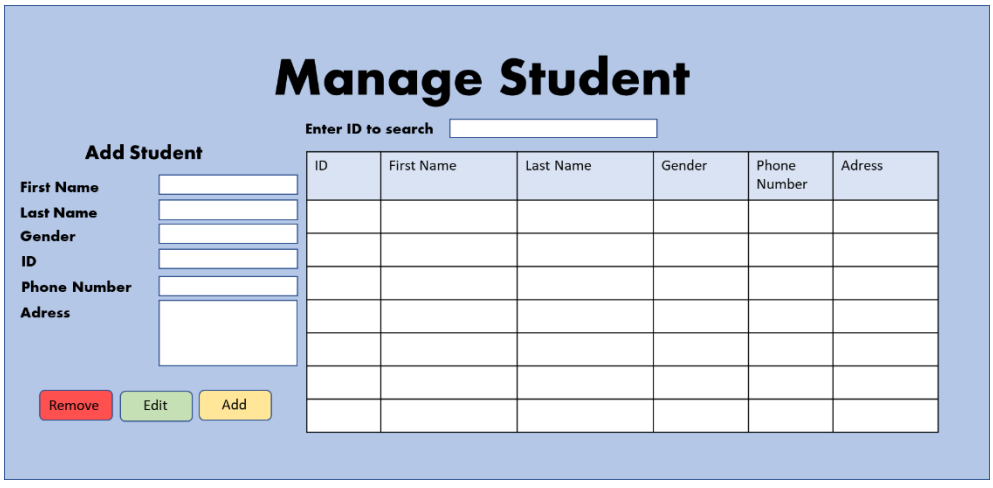

Diagram 2: Example diagram for "Manage Student" page

PART 2: COURSE TAKEN

In this part, There will be also two pages where the first page is the “Add Course” page where the tutor will have to key in the course name and the credit hour.The second page is the “Manage Course” page where in this page all course entered will be shown and the tutor can also edit the course detail in this page. These courses will also be linked to every student respectively for score calculations.

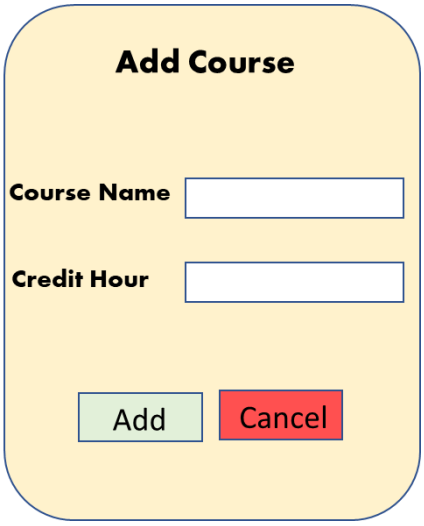

Diagram 3: Example diagram for “Add Course” page

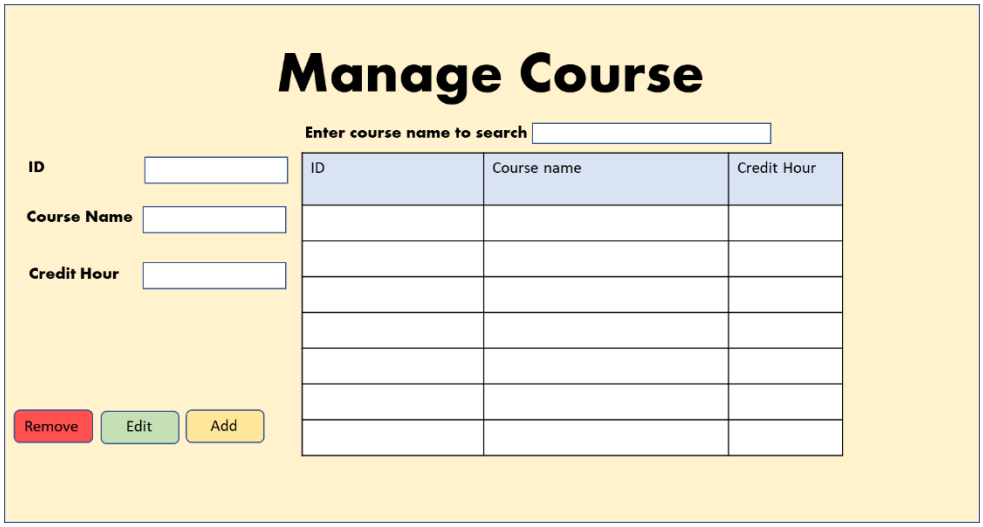

Diagram 4: Example diagram for “Manage Course” page

PART 3: SCORES

In this project, a function which allows user to manage the scores of the student will be added. This function is to record the performance of the student on the exam so that the tutor able to adjust the teaching material according to the learning status of the student. In this function, the user will be allowed to add, edit, delete the scores. Besides, the user able to look for the scores edited.

The user required to provide student id, full name, last name, score, and the course for the input of function “Add Score”. The added score will be shown in the “Show Scores”. In the “Show Scores”, there will be a list which shows the inputted student id, full name, last name, score, and the course. Moreover, the users allow to edit or delete the added scores in the “Edit/Delete” section. In “Edit/Delete” section, user able to edit the inputted score by clicking the part that hope to edit. Besides, to remove, the user just needs to click on the score and click the delete button.

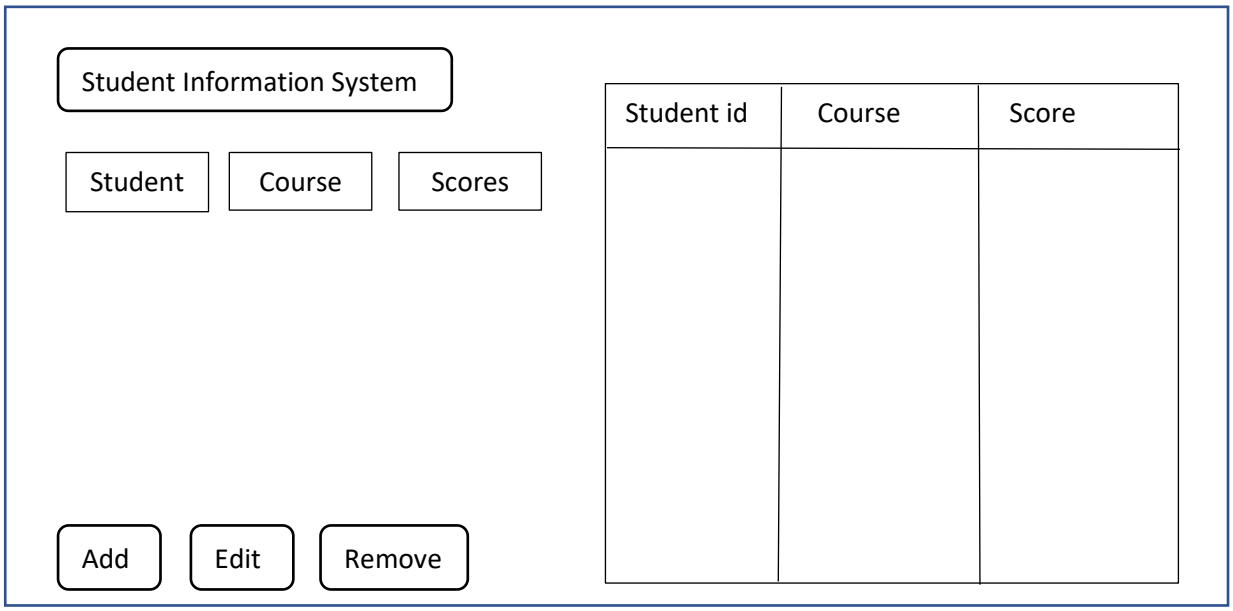

Diagram 5: Example diagram for “Scores page”