

CRUD APPLICATION (Due Wednesday next week for face-to-face checking)

Create a table based on the following definitions.

STUDENT (studno (PK) auto_inc, name, sex, course)

Student Maintenance

Name

Course

Sex ☐ Male ☐ Female

Add ☐ Edit ☐ Delete ☐ Save ☐

Student No	Name	Sex	Course

Use FontAwesome ICONs on buttons.

The **Name (text)**, **Sex (radio)**, and **Course (comboBox)** input fields will be initially enabled to **FALSE** to prevent the user from entering data until an appropriate action

Behavior When the **Add** Button Is Clicked

Name, **Sex**, and **Course** input fields → **Enabled = TRUE**
(User can type values)

SAVE button → **Enabled = TRUE**

EDIT and **DELETE** buttons → **Enabled = FALSE**

Behavior After Clicking the **Save** Button

SAVE button → **Enabled = FALSE**

EDIT and **DELETE** buttons → **Enabled = TRUE**

Form returns to its original/default state.

When the user selects a record from the DataGrid for editing, the corresponding values for Name, Sex, and Course will automatically be displayed in their respective input fields. This allows the user to view and modify the existing information before saving any changes.

Behavior When the **Edit** Button Is Clicked

SAVE button → **Enabled = TRUE**

ADD and **DELETE** buttons → **Enabled = FALSE**

Behavior After Clicking the Save Button

SAVE button → **Enabled = FALSE**

ADD and **DELETE** buttons → **Enabled = TRUE**

Form returns to its original/default state, The **Name (text)**, **Sex (radio)**, and **Course(comboBox)** will be enabled to **FALSE**.

When the user selects a record from the DataGrid for deletion, the corresponding values for Name, Sex, and Course will automatically be displayed in their respective input fields. This allows the user to view and modify the delete information before saving any changes.

Behavior When the *Delete* Button Is Clicked

When the user chooses to delete a record, a confirmation prompt will appear asking whether they truly want to proceed with the deletion. The record will only be removed if the user confirms the action; otherwise, the deletion process will be canceled.