# University System

The University System consists of three forms:

## Main Form

A landing page for the directory system from which the user can access the Student and Instructor directories.

A picture containing text, screenshot, software, multimedia software

Description automatically generated

The main form is purely navigational. Clicking on either button will open the Student and Instructor forms, respectively.

## Student Directory Form

When the Student form is first loaded, it presents the user with a search for the student’s ID:  
  
A screen shot of a computer

Description automatically generated with medium confidence  
  
Entering a valid Student ID (i.e. SID 501) and clicking Search displays a table representing the student record by:

1. **Course ID (CID)** The ID of the course the student is enrolled in
2. **Course Title** (i.e., Calculus)
3. **Units** (i.e., 5)
4. **Location** (i.e., Downtown)
5. **Instructor ID (IID):** The ID of the Instructor teaching the course

There is a dynamic label for the student’s name above the grid that is populated based on the search.

A computer screen shot of a student directory

Description automatically generated with low confidence

Below the form, the user can click on one of two buttons:

1. **Back to Main:** This button closes the active session on the Student form and returns the user to the Main form.
2. **Reset**: This button clears the SID field, sets the name label to empty, and hides the divider, as well as the Main and Reset buttons.

### **Validation**

**Empty SID Field:** If a user tries to Search the directory but does not enter an SID in the field, they will get a warning pop up telling them to enter a valid integer.

**Incorrect SID:** Entering an invalid SID (one that doesn’t exist in the database) returns a Student Not Found warning (using the name label) above an empty grid. The user can modify the ID in the SID and try again or click on the Main or Reset buttons:  
  
A computer screen shot of a student directory

Description automatically generated with low confidence

## Instructor Directory Form

Similar to the Student directory, accessing the Instructor form presents the user with a search for the Instructor’s ID.

Entering a valid Instructor ID (i.e. IID 201) and clicking Search displays a table representing the Instructor record by:

1. **Rank** (i.e., Prof)
2. **Dept** (i.e., Math)
3. **Course ID (CID)** The ID of the course the instructor teaches
4. **Course Title** (i.e., Calculus)
5. **Units** (i.e., 5)
6. **Semester** (i.e., Fall 2020)

A screenshot of a computer

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