Pseudo Code for the students portion:

Display menu whether to enter as registered student or non- registered student

IF registered student portal is selected, start a loop THEN

Get the coaches data from coaches.txt file from the function get\_coaches\_data()

Get the students data from students.txt file from the function get\_students()

Get the students data from sport.txt file from the function get\_sport\_data()

Ask the user to enter username and password

IF password and username match the one from database

Allow user to enter

ELSE

Ask again

Display student menu

Ask user choice from the menu

IF choice entered is 1

Ask for coach ID

IF coach exists, display the coach data

ELSE display that no coach with such ID exists

ELSE IF choice entered is 2

Display student details i.e., name, student ID and email

ELSE IF choice entered is 3

Ask for sport ID

IF sport exists, display the sport data

ELSE display that no sport with such ID exists

ELSE IF choice entered is 4

Ask user to enter its new details in a specific format

IF format is correct, enter the data into the system

ELSE display the error message

ELSE IF choice entered is 5

Ask for coach ID

IF coach exists, ask to enter the coach’s feedback, and record it in the system

ELSE display that no coach with such ID exists

ELSE IF choice entered is 6

Break out of the loop and close the program

IF non-registered student portal is selected, start a loop THEN

Display non-registered student’s menu

Ask user to select an option from the given 3

IF option selected is 1

Display sport codes and ask user to enter a sport code

IF sport code entered, exists, display sport data

ELSE display that an invalid response is entered

ELSE IF option selected is 2

Ask the user to enter its details as a new student

IF the format entered is correct, Add the user into the system

ELSE print you have entered an invalid response

ELSE IF option selected is 3

Break out of the loop

Exit the program