The Plan.

Include a nice GUI for pleasing display.

Retrieve Data from the excel sheet schedule of Szabist 1st semester. (From Szabist site)

Retrieve Rooms, Instructors, Classes, Sections.

Show to user the subject instructor, and subjects.

Let the user decide which class instructor for each section. (For each subject)

Will utilize 6x8 of 5x8 Array. (Day x Classes)

Will fill these arrays to make the table.

Create struct of subject code, class instructor, section.

Main: -

A random number will be generated each time to decide which class to allot at the empty slot.

Generate table.

Using a recursive function and the random number generated. Will allot the space with a subject.

The Base to stop the recursive function will be until all the days of all sections a filled with each class with adequate breaks.

A result array with all value NULL will be a check. If table is complete change to 1 and return true.

Display the generated TimeTable.

🡺Room for changes as the program progresses.