

## \*\*\*\*\* REQUIREMENTS \*\*\*\*\*

### Compiler:

- ❖ g++ (MinGW.org GCC-6.3.0-1) 6.3.0

### Includes:

- ❖ `#include<iostream>` // standard include if cpp
- ❖ `#include<stdlib>` // file handling
- ❖ `#include<iomanip>` //aligning display

## \*\*\*\*\* Program Files Structure \*\*\*\*\*

### Project Folder:

- ❖ **db directory** -> database file will be stored here
  - **records.dbf** -> database file(each row represents a single student information)
- ❖ **src directory** -> all of the source code will be here
  - **db** -> this will hold the src codes for fetching and saving data into the db file (database connection)
  - **models** -> src codes for 'Student' class that represents a row in the db
  - **providers** -> src codes for handling the state of the data structure (Linked List manipulation)
  - **screen** -> src codes for the display (the user interface)
  - **utils** -> utility functions are defined and declared here (getting input, generating 4-digit integer, etc)
  - **main.cpp** -> the main function