C - Course Final Project_2 :
School System in C programing

Brief about the project :
School Project aims to handle the students basic operations

Project Requirements :
1- The user account should be already created:
The Database should contain the following info for each student:
1- Student ID
2- Year of birth
3- Course_1 ID & Course_1 Grade
4- Course_2 ID & Course_2 Grade
5- Course_3 ID & Course_3 Grade

2- The Project has the following APIs:

bool SDB_IsFULL(void);
This API :
1- this function checks if the DataBase is full
 returns 1 if the database is full, otherwise 0

uint8 SDB_GetUsedSize(void);
This API :
 1- this function get the number of entries in
 the Data Base and return it

bool SDB_AddEntry(uint8 id, uint8 year, uint8* subjects, uint8* grades);

This API :

 1- this function adds a new entry in the data base and returns 1 if the new entry is successfully added, otherwise 0

void SDB_DeleteEntry(uint8 id);

This API :

 1- this function deletes the entry with the given id

bool SDB_ReadEntry(uint8 id, uint8* year, uint8* subjects, uint8* grades);

This API :

 1- this function reads the entry matching the given id
 returns 1 if the entry is exist , otherwise 0

void SDB_GetIdList(uint8* Count,uint8* List);

This API :

 1- this function get the list of id of students

bool SDB_IsIdExist(uint8 ID);

This API :

 1- this function checks if the provided students id exists

returns 1 if the provided students id exists, otherwise 0