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All Hands On Deck Group

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Database Final Report

Our Database program is designed in a simple way to serve the customer. Our database project is complete, with our design structure based on IPO form of processing to ensure user friendliness with the program. The name of our program is called The Music Legend which consist of a database collection of music data of favorite artist preferred by the user, number of albums in his /her credit, genre of music, favorite song all time, etc. All these information provided by the user will be stored in the account he/she creates. The user is able to log back in his/ her account and check out the information anytime. In this final program, non-account holders will not be allowed to access the program, unless they already have an account or choose to create one. The program is be created by following steps of a developed algorithm, which include steps like; program description, functions involved, use of security features to ensure each users information is safe, etc, that can thoroughly give users and idea of what the syntax language is about.

In the process of writing our program, the first block of our program executed perfectly when it is called, because it’s a sub function, which will fit inside the main function. The second block is a pseudo code; ‘’ # condition loop statements, #if user\_prompt == 'yes':, #print('Welcome to Music Legend'), #print('Follow the steps to create your account'), #print('Fill out with correct information').” All the code for this block has been completed where the loop validates over a loop, which its part of the third block of our program. In the process of our programming, a couple challenges we met. We had to deal with file handling and exceptions, that is the data base type, size, how much information can be save to data base file. Also with exception handling how iterate over the security function loop thus to avoid the repetitions of validations over the loop. Overall our project went as planned because of divided task among ourselves with every member contributing his/her part.