

Integrate and Configure

Database: SQL

- It has the two major components needed for this project, a DDL and a DML. A DDL is used for defining what needs to be in the database structure. A DML is used for getting the wanted information and updating any of the information.
- We would integrate this by making the databases needed for each type of user. The different databases will have different information but will all include the ID number and the first and last name of each user.

User-interface: Text-based

- Printing out a message where the user can first enter their ID, then the system will determine if the user is a student, instructor or admin. Then based on what type of user is logged into the system, the specific options will be displayed for the user to choose from.
- We would integrate this after all the databases and separate class files are made. In the main file, we can have the program search for what title the user has. Once it knows if the user is a student, instructor or admin, it will go to the correct database to get the information needed/change any information.

(For this section I used the Databases slide presentation and my own knowledge)