Waterfall Model

Tasks:

Requirements Definition:

* Database for many users
* Database for courses
* Three types of base class user( student instructor and admin) with their varying attributes

What is required from the algorithm? (first / last name, school ID)

How will the users log in?

Software design

* Using different classes for each of the different types of users that are child classes of the user class
* Two separate databases for users and courses

Implementation

* All database functions are correctly made for the two databases
* User class can access databases and has all working methods
* Student class can access databases correctly and has all working methods
* Instructor class can access databases correctly and has all working methods
* Admin class can access databases correctly and has all working methods

What do each class have access to

What of the other classes does Admin have access to? Can it view the student and instructor class or does it have access to the same options?

Integration

* Admin class is able to control other classes in the correct way in databases
* Instructor class is able to control other classes in the correct way in databases

What is the correct way?

Maintenance

* The database is able to be modified and users can be added or removed all functions are tested and if a function does not work, return to the step were it was created