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ELEC3225 – Applied Programing Concepts

Waterfall Model

**Requirements:**

* User information: should allow for 100 students, 10 instructors and 1 administrator to be able to use the system.
* Course Information: will store information relating to the courses.
* 3 types of users:
* Student: Can see the schedule or decide to add or remove courses.
* Instructor: See the schedule for their classes, see who is in the class.
* Admin: Add/remove courses, add/remove users, can allow and remove a student from a class, and can search through the list of the class.

**System Design:**

* Stores information related to the user like name, dob, role and WIT email address.
* User specific: Keeps track of the information relating to the user like when they got hired or accepted to the school and graduation date.

**Testing:**

* Make sure permissions are locked to specific users. Test each case and fix any issues related to the user and what permissions they are allowed to have.

**Deploy:**

* Release our program and allow users to understand the system. Fix any issues related to the system and receive feedback.