

CPE 301 Final Project  
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**Overview:** Design uses the stepper motor and the motor driver module, the 1602 LCD screen, the RTC clock, the temp/humidity sensor, a pot for the LCD, the water sensor, the RTC module, and the fan+motor from the kit.

**Power consumption:** Varies on the 3.3a and 5a rails depending on components running.  
PSU module: 3.3 volts.

**Constraints:** water level, power input, temperature set point

**Link to Video:** <https://photos.app.goo.gl/JhLKKpxDpXQMEdXf6>

Pictures:













