PINS FOR CPE 301 FINAL PROJECT

LED PINS

Green – Digital 2 -

Blue – Digital 3 -

Yellow – Digital 4 -

Red – Digital 5 -

LCD

VDD – Digital 6 -

V0 – Digital 7 -

RS – Digital 43 -

RW – Digital 44 -

E – Digital 45

D0 – Digital 46

D1 – Digital 47

D2 – Digital 48

D3 – Digital 49

D4 – Digital 50

D5 – Digital 51

D6 – Digital 52

D7 – Digital 53

WATER LEVEL

GND – GND

PWR – 5V

Sensor Data – Digital 37

FAN MOTOR

Control – Digital 41

STEPPER MOTOR

1N1 – Digital 27

1N2 – Digital 29

1N3 – Digital 31

1N4 – Digital 33

RTC

SDA – Digital 20 – SDA

SCL – Digital 21 – SCL

32K – Digital 30

SQW – Digital 34

DHT11 TEMP SENSOR

Sensor IN – Digital 8