The resistors are crucial to getting accurate readings from the sensors. do NOT forget them.

The two 4-digit displays are completely optional and only add readability

Connect CLK and D0 on your four digit display to any digital pin. Vcc to 5v and gnd to gnd

DHT sensor is used to monitor room temp and humidty. The DS18b sensor (black) is used to measure the wort temperature

Status LED for showing when the heater is on.
Switch button is optional but great for changing settings for different types of beer
Push button to signal input in beer proces has been done

OLED allows displaying detailed info about the brewing process

Use a micro usb head to power the wemos mini, or Vin and gnd for the big wemos d1

two 10 amp rated relays

Switch and 10A fuse. The switch is used to switch off the current from

The blue resistors represent the 1,5 kw heating elements

the two pin connectors are 200 - 250V AC power lines

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