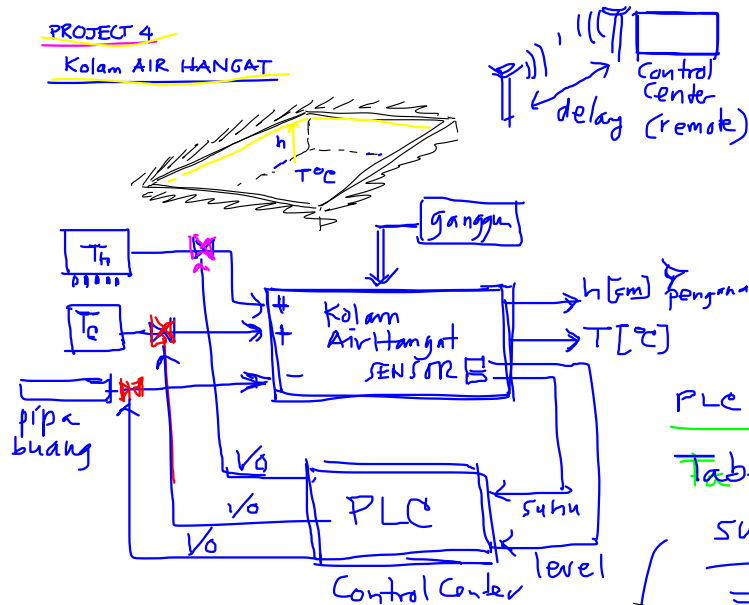


PROJECT 4

Kolam AIR HANGAT



Pencampuran sempurna.
(Azas Black)

$$\text{suhu air} = \frac{V_o * T_o + V_h * T_h + V_c * T_c}{V_o + V_h + V_c}$$

* lagging

PLC = Programmable Logic Controller

Tabel Benaran

		Katup		
suhu	level	Hot	Cold	Buang
= T	= h	0	0	0
> T	= h	0	1	0
< T	= h	1	0	0
= T	> h	0	0	1
> T	> h	0	1	1
< T	> h	1	0	1
= T	< h	1	1	0
> T	< h	0	1	0
< T	< h	1	0	0

```

* If level > h
  Buang = 1
else Buang = 0
* If suhu < T
  Hot = 1
elseif
  (level < h) and (suhu = T)
  Hot = 1
else
  Hot = 0
end

```

```

* if suhu > T
  Cold = 1
elseif
  (level < h) and (suhu = T)
  Cold = 1
else
  Cold = 0
end

```

