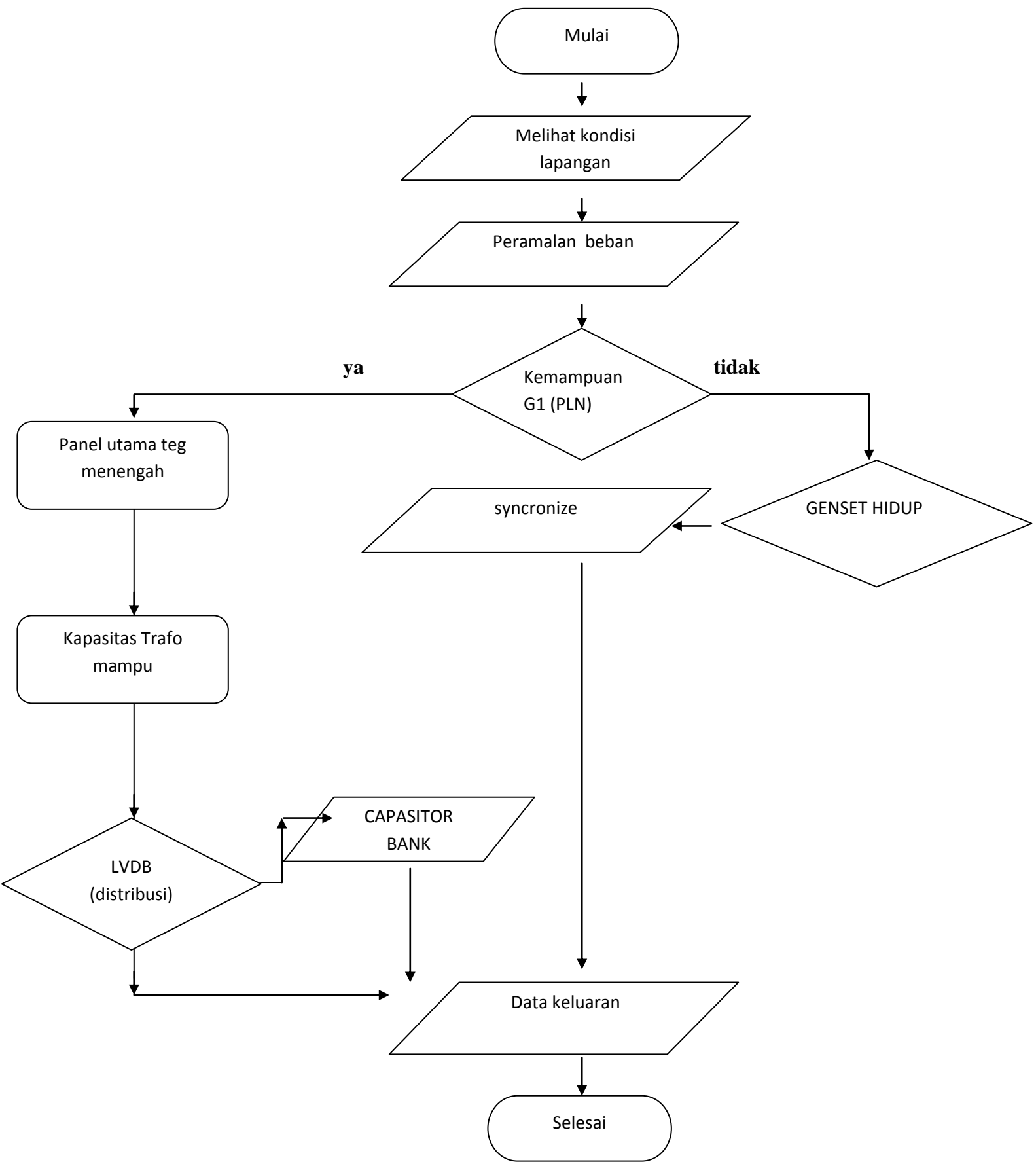


Gambar 3.1 Flowcart Sistem Distribusi Hotel Ciputra World Surabaya



UNIT	TYPE UNIT						
1	unit Saphire A						
		type lampu		lokasi	jumlah lampu	watt	jumlah watt
	1	RO1-6 watt 25 deg		Closed	1	6	6
	2	RO1-8 watt 25 deg		credensa	1	8	8
	3	RO1-8 watt 40 deg		Foyer	1	8	8
	4	RO1-6 watt 40 deg		Artwork	2	6	12
	5	9W 2700K		Shower	1	9	9
	6	5W		bedside	1	5	5
	7	5W		Night lamp	2	5	10
	8	5w		wardrobe	1	5	5
	9	FCU		Foyer	1	30	30
	10	STK	HK		1	100	100
	11	STK	Shaver		1	100	100
	12	STK	writing table / USK		1	100	100
	13	STK	Charger		1	100	100
	14	STK	Standing		1	100	100
	15	STK	TV		1	100	100
	16	STK	Kettle		1	100	100
	17	STK	Fridge		1	100	100
	18	STK	Bedside		1	100	100
	19	STK	Ipod dock		1	100	100
	20	STK	Lampu Bedside		1	13	13
	Jumlah watt						1,106

Table 1 Diagram Panel Unit Shapire A

2	unit Diamond A						
	1	RO1-6 watt 25 deg		Bathub	1	6	6
	2	RO1-6 watt 25 deg		Closed	1	6	6
	3	RO1-8 watt 25 deg		credensa	1	8	8
	4	RO1-8 watt 40 deg		Foyer	1	8	8
	5	RO1-6 watt 40 deg		Artwork	2	6	12
	6	9W 2700K		Shower	1	9	9
	7	5W		bedside	2	5	10
	8	5W		Night lamp	3	5	15
	9	5w		wardrobe	1	5	5
	10	FCU		Foyer	1	80	80
	10	STK	HK		1	100	100
	11	STK	Shaver		1	100	100
	12	STK	writing table / USK		1	100	100
	13	STK	Charger		1	100	100
	14	STK	Standing		1	100	100
	15	STK	TV		1	100	100
	16	STK	Kettle		1	100	100
	17	STK	Fridge		1	100	100
	18	STK	Bedside		1	100	100
	19	STK	Ipod dock		1	100	100
	20	STK	Lampu Bedside		2	13	26
							1,185

Tabel 2 Diagram Panel Unit Diamond A

3	unit Diamond B						
	1	RO1-6 watt 25 deg		Bathub	1	6	6
	2	RO1-6 watt 25 deg		Closed	1	6	6
	3	RO1-8 watt 25 deg		credensa	1	8	8
	4	RO1-8 watt 40 deg		Foyer	1	8	8
	5	RO1-6 watt 40 deg		Artwork	2	6	12
	6	9W 2700K		Shower	1	9	9
	7	5W		bedside	2	5	10
	8	5W		Night lamp	3	5	15
	9	5w		wardrobe	1	5	5
	10	FCU		Foyer	1	80	80
	10	STK	HK		1	100	100
	11	STK	Shaver		1	100	100
	12	STK	writing table / USK		1	100	100
	13	STK	Charger		1	100	100
	14	STK	Standing		1	100	100
	15	STK	TV		1	100	100
	16	STK	Kettle		1	100	100
	17	STK	Fridge		1	100	100
	18	STK	Bedside		1	100	100
	19	STK	Ipod dock		1	100	100
	20	STK	Lampu Bedside		2	13	26
							1,185

Table 3 Diagram Panel Diamond B

4	unit Saphire B						
1	RO1-6 watt 25 deg		Closed	1	6	6	
2	RO1-8 watt 25 deg		credensa	1	8	8	
3	RO1-8 watt 40 deg		Foyer	1	8	8	
4	RO1-6 watt 40 deg		Artwork	2	6	12	
5	9W 2700K		Shower	1	9	9	
6	5W		bedside	2	5	10	
7	5W		Night lamp	3	5	15	
8	5w		wardrobe	1	5	5	
9	FCU		Foyer	1	30	30	
10	STK	HK		1	100	100	
11	STK	Shaver		1	100	100	
12	STK	writing table / USK		1	100	100	
13	STK	Charger		1	100	100	
14	STK	Standing		1	100	100	
15	STK	TV		1	100	100	
16	STK	Kettle		1	100	100	
17	STK	Fridge		1	100	100	
18	STK	Bedside		1	100	100	
19	STK	Ipod dock		1	100	100	
20	STK	Lampu Bedside		2	13	26	
							1,129

Tabel 4 Diagram Panel Unit Shapire B

5	unit Emeral						
	1	RO1-6 watt 25 deg		Closed	1	6	6
	2	RO1-8 watt 25 deg		credensa	1	8	8
	3	RO1-8 watt 40 deg		Foyer	1	8	8
	4	RO1-6 watt 40 deg		Artwork	2	6	12
	5	9W 2700K		Shower	1	9	9
	6	5W		bedside	1	5	5
	7	5W		Night lamp	2	5	10
	8	5w		wardrobe	1	5	5
	9	FCU		Foyer	1	30	30
	10	STK	HK		1	100	100
	11	STK	Shaver		1	100	100
	12	STK	writing table / USK		1	100	100
	13	STK	Charger		1	100	100
	14	STK	Standing		1	100	100
	15	STK	TV		1	100	100
	16	STK	Kettle		1	100	100
	17	STK	Fridge		1	100	100
	18	STK	Bedside		1	100	100
	19	STK	Ipod dock		1	100	100
	20	STK	Lampu Bedside		2	13	26
							1,119

Table 5 Diagram Panel Unit Emeral

6	Corridor					
1	RO1-6 watt 25 deg			29	6	174
2	DL PLC 2X18 Watt 4000k (pin4)			6	36	216
3	t5 1X21 watt 6000k			4	21	84
4	Coverlight			19	5	95
5	coverlight DEPAN UNIT			20	15	300
6	lampu exit			2	10	20
7	STK		Coridor	5	200	1000
8	STK Vacum Cleaner		Coridor	4	1500	6000
						7,889

Tabel 6 Diagram Panel Corridor

No	JENIS LAMPU		JUMLAH	WATT	JUMLAH WATT
1	downlight DL 18 watt		5	18	90
2	downlight plc 2x16 watt		6	16	96
3	mirror louver		25	36	900
4	TL 36 watt		14	36	504
5	Wastafle lamp		6	18	108
6	STK	200watt	61	200	12200
7	STK	vacum cleaner	15	1500	22500
8	STK	HAND DRYER	7	1500	10500
JUMLAH WATT					46898

Tabel 7 Diagram Panel Ground Floor

NO	DISTRIBUSI PANEL				JUMLAH WATT	
1	DP-ENERANGAN 7				288 80 1152 504 108 10800 15000 6000	
	JENIS LAMPU		JUMLAH	WATT		
	downlight DL 18 watt		16	18		
	downlight plc 2x16 watt		5	16		
	mirror louver		32	36		
	TL 36 watt		14	36		
	Wastafle lamp		6	18		
	STK		200watt	54		200
	STK		vacum cleaner	10		1500
	STK		HAND DRYER	4		1500
2	PL MEETING 1				1520	
3	PL MEETING 2				1520	
4	PL MEETING 3				1520	
5	PL MEETING 4				1520	
6	PL MEETING 5				1520	
7	PL PREFUNCTION				1520	
8	DP-ENERANGAN 8				25800	
9	DP-ENERANGAN 9				22629	
10	DP-ENERANGAN 10				22629	
11	DP-ENERANGAN 11				22629	
12	DP-ENERANGAN 12				22629	
13	DP-ENERANGAN 15				22629	
14	DP-ENERANGAN 16				22629	
15	DP-ENERANGAN 17				22629	
16	DP-ENERANGAN 18				22629	
17	DP-ENERANGAN 19				22629	
18	DP-ENERANGAN 20				22629	
19	DP-ENERANGAN 21				22629	
20	DP-ENERANGAN 22				45600	
21	DP-PENERANGAN LOBBY				1553	
JUMLAH TOTAL WATT					364924	

Tabel 8 Diagram Panel SDP-PENERANGAN

NO	OUTDOOR	PENGGUNAAN	DAYA (watt)
1	OU-9-1	LANTAI 9	15800
2	OU-9-2	LANTAI 9	15800
3	OU-10-1	LANTAI 10	15800
4	OU-10-2	LANTAI 10	15800
5	OU-11-1	LANTAI 11	15800
6	OU-11-2	LANTAI 11	15800
7	OU-12-1	LANTAI 12	15800
8	OU-12-2	LANTAI 12	15800
9	OU-15-1	LANTAI 15	15800
10	OU-15-2	LANTAI 15	15800
11	OU-16-1	LANTAI 16	15800
12	OU-16-2	LANTAI 16	15800
13	OU-17-1	LANTAI 17	15800
14	OU-17-2	LANTAI 17	15800
15	OU-18-1	LANTAI 18	15800
16	OU-18-2	LANTAI 18	15800
17	OU-19-1	LANTAI 19	15800
18	OU-19-2	LANTAI 19	15800
19	OU-20-1	LANTAI 20	15800
20	OU-20-2	LANTAI 20	15800
21	OU-21-1	LANTAI 21	20800
22	OU-21-2	LANTAI 21	20800
JUMLAH TOTAL WATT			357600

Tabel 9 Diagram Panel SDP-OUTDOOR VRF

NO	POMPA	DAYA (watt)
1	TRANSFER AIR BERSIH	20000
2	TRANSFER PUMP	12500
3	SAWAGE PUMP	10000
4	SIRKULASI	450
5	SIRKULASI	450
TOTAL DAYA		43400

Tabel 10 Diagram Panel SDP-POMPA

NO	PANEL	PENGGUNAAN	DAYA
1	PC-POMPA ELEKTRIK	POMPA ELEKTRIK	200000
2	PC-POMPA JOCKEY	POMPA JOCKEY	7000
3		STK/PENERANGAN	500
JUMLAH DAYA (watt)			207500

Tabel 11 Diagram Panel PP-Hydrant

NO	PANEL	PENGGUNAAN	DAYA
1	PC-LIFT SERVICE/FIRE LIFT	MESIN LIFT 1	15000
		MESIN LIFT 2	13000
		STK/PENERANGAN	500
2	PC-LIFT PENUMPANG	MESIN LIFT 1	18000
		MESIN LIFT 2	18000
		MESIN LIFT 3	18000
		STK /PENERANGAN	500
3	TANGGA KEBAKARAN	PENERANGAN	9058
4	SMOKE EXTRACT FAN		5500
5	PREASURIZED		7500
JUMLAH DAYA WATT			105058

Tabel 12 Diagram Panel PP-Emergency