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1. Tabel peralatan

+ Options

		id	nama	qty	merek	jenis	ukuran	satuan	bahan	warna
<input type="checkbox"/>	Edit Copy Delete	KL001	sapu lidi	2	indomaret	sapu	1	meter	daun kelapa	hitam
<input type="checkbox"/>	Edit Copy Delete	KL002	tempat sampah	3	alphamart	tong	50	cm	plastik	putih
<input type="checkbox"/>	Edit Copy Delete	KL003	kemoceng	5	hypermart	bulu	50	cm	bulu ayam	coklat
<input type="checkbox"/>	Edit Copy Delete	KL004	pembersih kaca	8	nevada	kain	30	cm	kain	merah
<input type="checkbox"/>	Edit Copy Delete	KL005	ember air	7	tupperware	ember	50	cm	plastik	hijau

↑ ☐ Check all With selected: Edit Copy Delete Export

2. Tabel tambahan

a. Tabel barang masuk

+ Options

id	id_bmAlat	tanggal_masuk	harga
B001	KL003	2022-01-02	60000
B002	KL005	2022-01-05	25000
B003	KL004	2022-01-06	20000

b. Tabel ruangan

+ Options

		id	id_ruangan_alat	nomor	lantai	keterangan
<input type="checkbox"/>	Edit Copy Delete	R001	KL002	1	3	lengkap
<input type="checkbox"/>	Edit Copy Delete	R002	KL001	2	2	kurang sapu
<input type="checkbox"/>	Edit Copy Delete	R003	KL005	3	4	lengkap

↑ ☐ Check all With selected: Edit Copy Delete Export

c. Relasi

Indexes									
Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	id	3	A	No	
Edit Drop	fk_ruangan	BTREE	No	No	id_ruangan_alat	3	A	No	

Indexes									
Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Drop	PRIMARY	BTREE	Yes	No	id	3	A	No	
Edit Drop	fk_bm_alat	BTREE	No	No	id_bmAlat	3	A	No	

3. Procedure

a. Procedure barang masuk

Export of routine `barang_masuk`

```

1 DELIMITER $$
2 CREATE DEFINER=`root`@`localhost` PROCEDURE `barang_masuk`(IN
  `id_pro_bm` VARCHAR(50), IN `barang_masuk` INT(30))
3 UPDATE peralatan SET qty = qty + barang_masuk WHERE id = id_pro_bm$$
4 DELIMITER ;

```

Close

b. Procedure barang ruangan

Export of routine `barang_ruangan`

```

1 DELIMITER $$
2 CREATE DEFINER=`root`@`localhost` PROCEDURE `barang_ruangan`(IN
  `id_pro_ruangan` VARCHAR(50), IN `barang_ruangan` INT(30))
3 UPDATE peralatan SET qty = qty - barang_ruangan WHERE id =
  id_pro_ruangan$$
4 DELIMITER ;

```

Close

4. View

a. View 1 tabel

```

CREATE VIEW view_peralatan AS
SELECT
    peralatan.id,
    peralatan.nama,

```

```

    peralatan.jenis
FROM
    peralatan;

```

+ Options					
← T →					
			id	nama	jenis
<input type="checkbox"/>	Edit	Copy	Delete	KL001	sapu lidi sapu
<input type="checkbox"/>	Edit	Copy	Delete	KL002	tempat sampah tong
<input type="checkbox"/>	Edit	Copy	Delete	KL003	kemoceng bulu
<input type="checkbox"/>	Edit	Copy	Delete	KL004	pembersih kaca kain
<input type="checkbox"/>	Edit	Copy	Delete	KL005	ember air ember
<input type="checkbox"/> Check all With selected: Edit Copy Delete Export					










b. View 2 tabel





```

CREATE VIEW view_peralatan_ruangan AS
SELECT
    peralatan.id,
    peralatan.nama,
    peralatan.satuan,
    ruangan.nomor,
    ruangan.lantai
FROM
    peralatan,
    ruangan
WHERE
    peralatan.id = ruangan.id_ruangan_alat
ORDER BY
    peralatan.nama;

```

+ Options

				id	nama	satuan	nomor	lantai
<input type="checkbox"/>	 Edit	 Copy	 Delete	KL005	ember air	cm	3	4
<input type="checkbox"/>	 Edit	 Copy	 Delete	KL001	sapu lidi	meter	2	2
<input type="checkbox"/>	 Edit	 Copy	 Delete	KL002	tempat sampah	cm	1	3

☐ Check all With selected:  Edit  Copy  Delete  Export

c. View 3 tabel

```

CREATE VIEW view_peralatan_ruangan_barang AS
SELECT
    peralatan.id,
    peralatan.nama,

```

FROM

WHERE

ORDER BY

Options													
				id	nama	satuan	nomor	lantai	harga	tanggal_masuk			
<input type="checkbox"/>		Edit		Copy		Delete	KL005	ember air	cm	1	3	80000	2022-01-02
<input type="checkbox"/>		Edit		Copy		Delete	KL005	ember air	cm	2	2	80000	2022-01-02
<input type="checkbox"/>		Edit		Copy		Delete	KL005	ember air	cm	1	3	25000	2022-01-05
<input type="checkbox"/>		Edit		Copy		Delete	KL005	ember air	cm	2	2	25000	2022-01-05
<input type="checkbox"/>		Edit		Copy		Delete	KL005	ember air	cm	1	3	20000	2022-01-08
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<input type="checkbox"/>		Edit		Copy		Delete	KL003	kemoceng	cm	1	3	80000	2022-01-02
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<input type="checkbox"/>		Edit		Copy		Delete	KL003	kemoceng	cm	1	3	20000	2022-01-08
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<input type="checkbox"/>		Edit		Copy		Delete	KL004	pembersih kaca	cm	1	3	80000	2022-01-02
<input type="checkbox"/>		Edit		Copy		Delete	KL004	pembersih kaca	cm	2	2	80000	2022-01-02
<input type="checkbox"/>		Edit		Copy		Delete	KL004	pembersih kaca	cm	3	4	80000	2022-01-02
<input type="checkbox"/>		Edit		Copy		Delete	KL004	pembersih kaca	cm	1	3	25000	2022-01-05
<input type="checkbox"/>		Edit		Copy		Delete	KL004	pembersih kaca	cm	2	2	25000	2022-01-05
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<input type="checkbox"/>		Edit		Copy		Delete	KL004	pembersih kaca	cm	1	3	20000	2022-01-08
<input type="checkbox"/>		Edit		Copy		Delete	KL004	pembersih kaca	cm	2	2	20000	2022-01-08
<input type="checkbox"/>		Edit		Copy		Delete	KL004	pembersih kaca	cm	3	4	20000	2022-01-08
<input type="checkbox"/>		Edit		Copy		Delete	KL001	sapu lidi	meter	1	3	80000	2022-01-02

5. Trigger

- a. Trigger dengan event insert

DELIMITER \$\$

CREATE TRIGGER insert_tb_pengeluaran

AFTER INSERT

ON tb_pengeluaran

FOR EACH ROW

BEGIN

INSERT INTO log_pengeluaran

(id_pengeluaran_alat, nama_alat, qty, merek, tanggal_keluar)

VALUES(NEW.id_pengeluaran_alat, NEW.nama_alat, NEW.qty, NEW.merek,
NEW.tanggal_keluar);

END\$\$

DELIMITER ;

- b. Trigger dengan update
- c. Trigger dengan delete