Database Systems
Homework I

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T-Shirt Business

Relationship:

- **t_shirt** : one T-Shirt can have one Design, Color, and Size;

- **t_shirt_design** : one Design can have many T-Shirts;

- **t_shirt_color** : one Color can have many T-Shirts;

- **t_shirt_size** : one Size can have many T-Shirts;

The cost rule (based on design, and XL and XXL cost $2.00 more than other sizes) can be set by the user inside the application which will maintain this Database.

tShirtID	tShirtQuantity	tShirtCost	FK_tShirtDesignID	FK_tShirtColorID	FK_tShirtSizeID
1	10	8.00	1	2	3
2	8	10.00	1	2	4
3	20	5.00	3	1	2

Table 1: Database Table t_shirt

tShirtDesignID	tShirtDesignName	FK_tShirtID
1	Stylish	(1,2)
2	Sport	()
3	Music	(3)
4	Games	()

Table 2: Database Table t_shirt_design

tShirtColorID	tShirtColorName	tShirtColorRGB	FK_tShirtID
1	Black	000000	(3)
2	Red	FF0000	(1,2)
3	White	FFFFFF	()

Table 3: Database Table t_shirt_color

tShirtSizeID	tShirtSizeType	FK_tShirtID
1	S	()
2	M	(3)
3	L	(1)
4	XL	(2)
5	XXL	()

Table 4: Database Table t_shirt_size