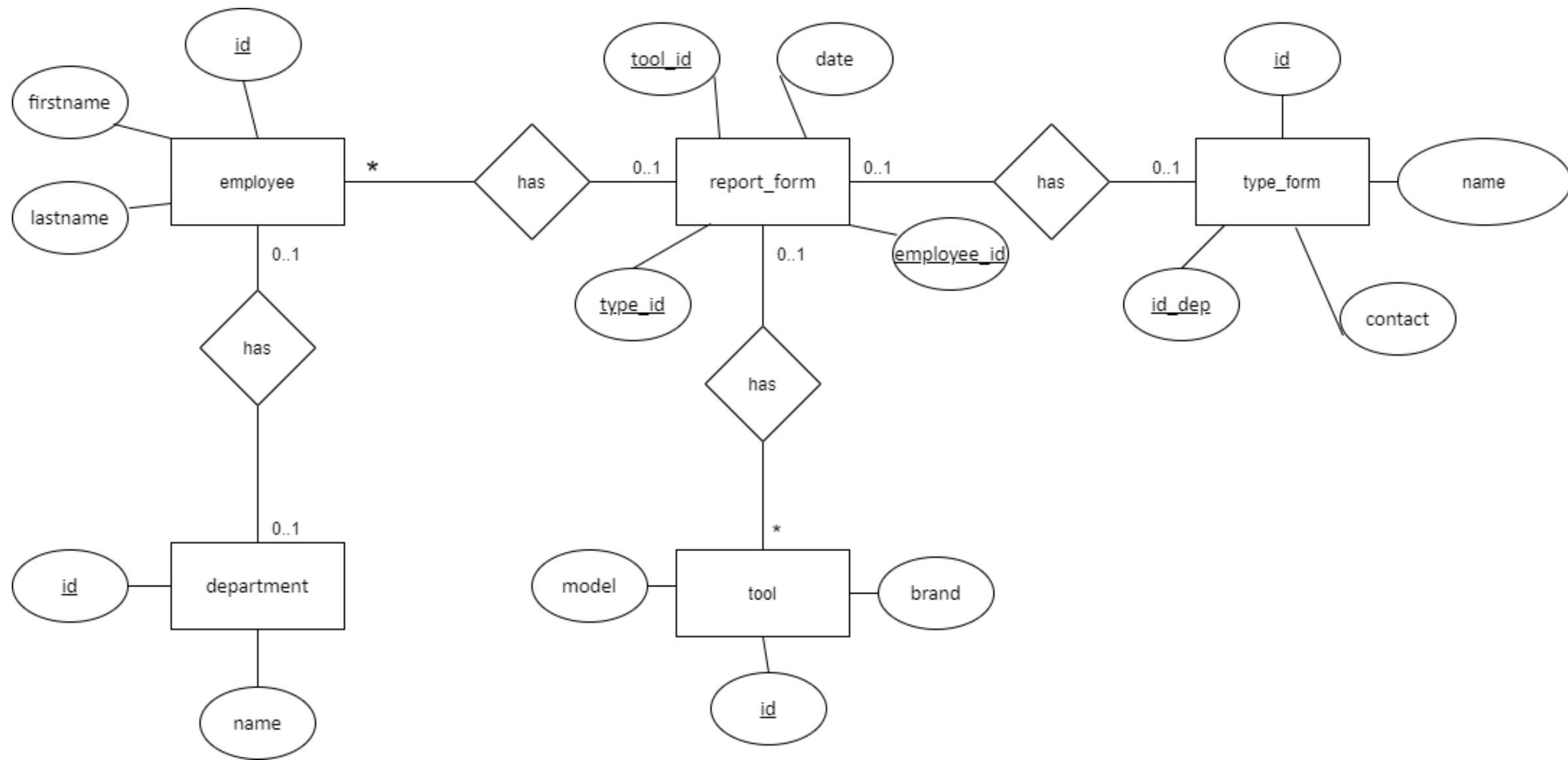


ปกรณ์ ศิลปประภา

632110345

ข้อ B.

ER



Employee	
PK	<u>id</u>
FK	<u>id_dep</u>
	firstname lastname

No.	Name	Description	Type	Length	Extra
1	id	This attribute is the id of employee	Integer	-	PK
2	id_dep	This attribute is the id of department the employee works at	Integer	-	FK
3	firstname	This attribute is the name of employee	varchar	30	-
4	lastname	This attribute is the Lastname of employee	varchar	30	-

Department	
PK	<u>id</u>
	firstname lastname

No.	Name	Description	Type	Length	Extra
1	id	This attribute is the id of department	Integer	-	PK
2	name	This attribute is the name of department	varchar	30	-

tool	
PK	<u>id</u>
	brand
	model

No.	Name	Description	Type	Length	Extra
1	id	This attribute is the id of tool	Integer	-	PK
2	brand	This attribute is the brand of tool	varchar	30	-
3	model	This attribute is the model of tool	varchar	30	-

Type_from	
PK	<u>id</u>
FK	<u>id_dep</u>
	name
	contact

No.	Name	Description	Type	Length	Extra
1	id	This attribute is the id of type is from	Integer	-	PK
2	id_dep	This attribute is the id of department the employee works at	Integer	-	FK
3	name	This attribute is the name of from	varchar	30	-
4	contact	This attribute is the contact with employee	varchar	30	-

Report_from	
FK	<u>type_id</u>
FK	<u>employee_id</u>
FK	<u>tool_id</u>
	date

No.	Name	Description	Type	Length	Extra
1	type_id	This attribute is the id of type is from	Integer	-	FK
2	employee_id	This attribute is the id of employee	Integer	-	FK
3	tool_id	This attribute is the id of tool	Integer	-	FK
4	date	This attribute is the check-in and check-out of employee	date	-	-

no	firstname	lastname	department	Check-in	Check-out	Tool_id	model	brand	Type_id	date	firstname	department
1	mark	well	099	10:10	23:59	100	Ak-47	Apple	001	26-8-2564	NuMaiRu	099
2	Rimuru	Temp	099	8:00	20:00	200	MK-18	Realme	001	26-8-2564	NuMaiRu	099
3	Oker	Type-C	099	10:10	20:00	200	MK-18	Realme	001	26-8-2564	NuMaiRu	099
4	jonh	baidu	299	16:00	11:00	400	G-18	Sumsung	001	26-8-2564	NuMaiRu	099
5	Paw	Derbig	399	8:00	20:00	300	M-2000	Lenovo	002	26-8-2564	NuMaiRu	099
6	cat	dog	799	10:10	23:59	500	Kar-98k	Razor	001	26-8-2564	NuMaiRu	099

Employee

<u>id</u>	firstname	lastname	<u>id_dep</u>
001	mark	well	099
002	Rimuru	Temp	099
003	Oker	Type-C	099
004	jonh	baidu	299
005	Paw	Derbig	399
006	cat	dog	799
007	NuMaiRu	Yoru	099

tool

<u>id</u>	name	model
100	Ak-47	Apple
200	MK-18	Realme
300	M-2000	Lenovo
400	G-18	Sumsung
500	Kar-98k	Razor

Department

<u>id</u>	name
099	A
299	B
399	C
799	D

Type_from

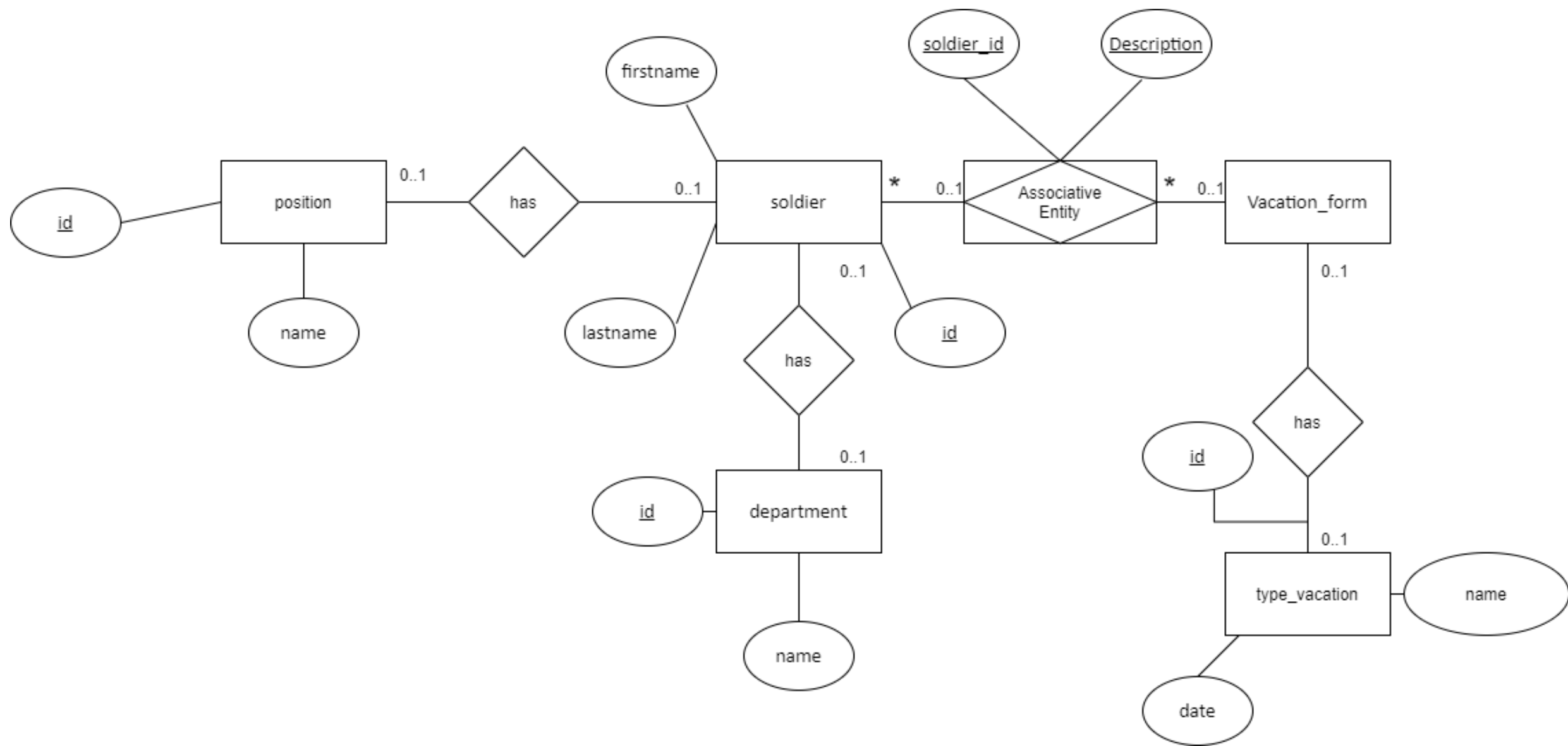
<u>id</u>	name	contact	<u>id_dep</u>
001	Main	mark	099
002	Temporary	Rimuru	099

Report_from

<u>Type_id</u>	<u>employee_id</u>	Tool_id	<u>date</u>	Check-in	Check-out	<u>employee_id</u>
001	001	100	26-8-2564	10:10	23:59	007
002	005	300	26-8-2564	8:00	20:00	007
001	002	200	26-8-2564	10:10	20:00	007
001	003	200	26-8-2564	16:00	11:00	007
001	004	400	26-8-2564	8:00	20:00	007
001	006	500	26-8-2564	10:10	23:59	077

ข้อ C.

ER



no	firstname	lastname	department	position	Vacation_past	Vacation_having	Vacation_sum	Take leave date start	Take leave date end	Take leave date sum	Description
1	mark	well	Cut the grass	cavalry	10	4	14	26-8-2564	6-9-2564	26-8-2564	Test01
2	Rimuru	Temp	Sweep the floor	lieutenant	99	12	111	24-8-2564	26-8-2564	26-8-2564	Test02
3	Oker	Type-C	Wash the car	soldier	5	4	9	26-8-2564	6-9-2564	26-8-2564	Test03
4	jonh	baidu	Wash the car	soldier	6	4	10	26-8-2564	6-9-2564	26-8-2564	Test04
5	Paw	Derbig	Wash the car	soldier	7	4	11	26-8-2564	6-9-2564	26-8-2564	Test05
6	cat	dog	Wash the car	soldier	8	4	12	26-8-2564	6-9-2564	26-8-2564	Test06