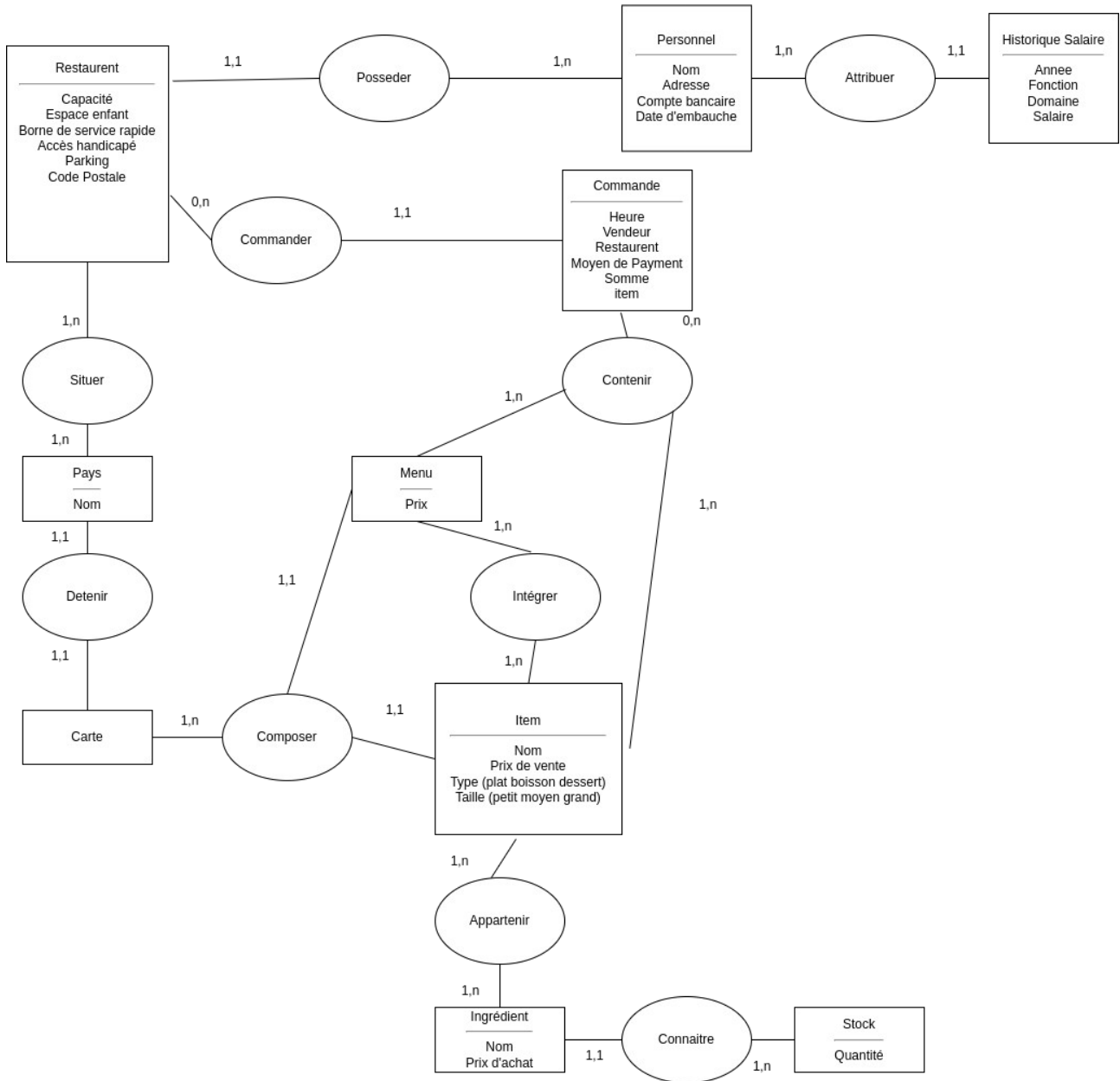
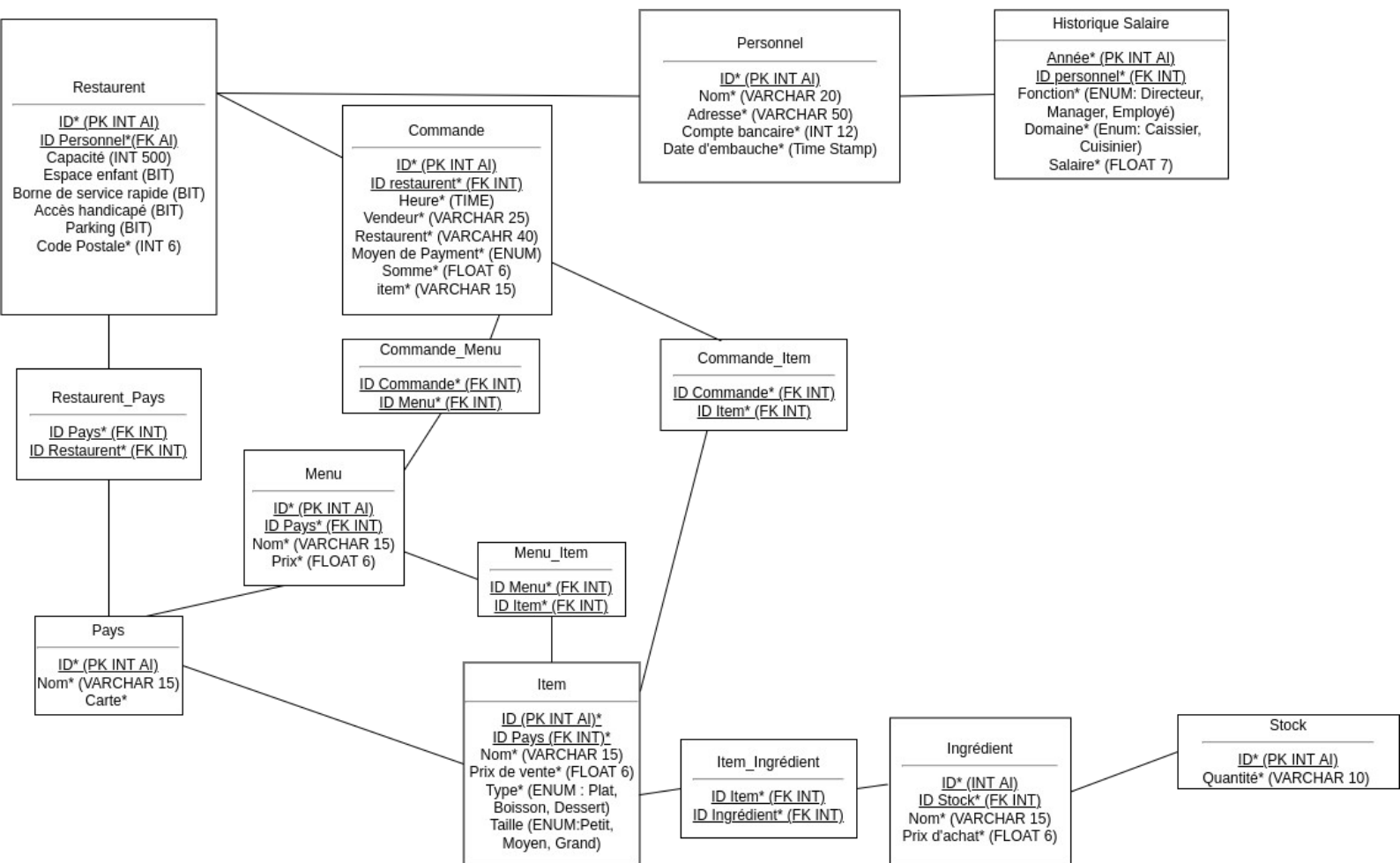


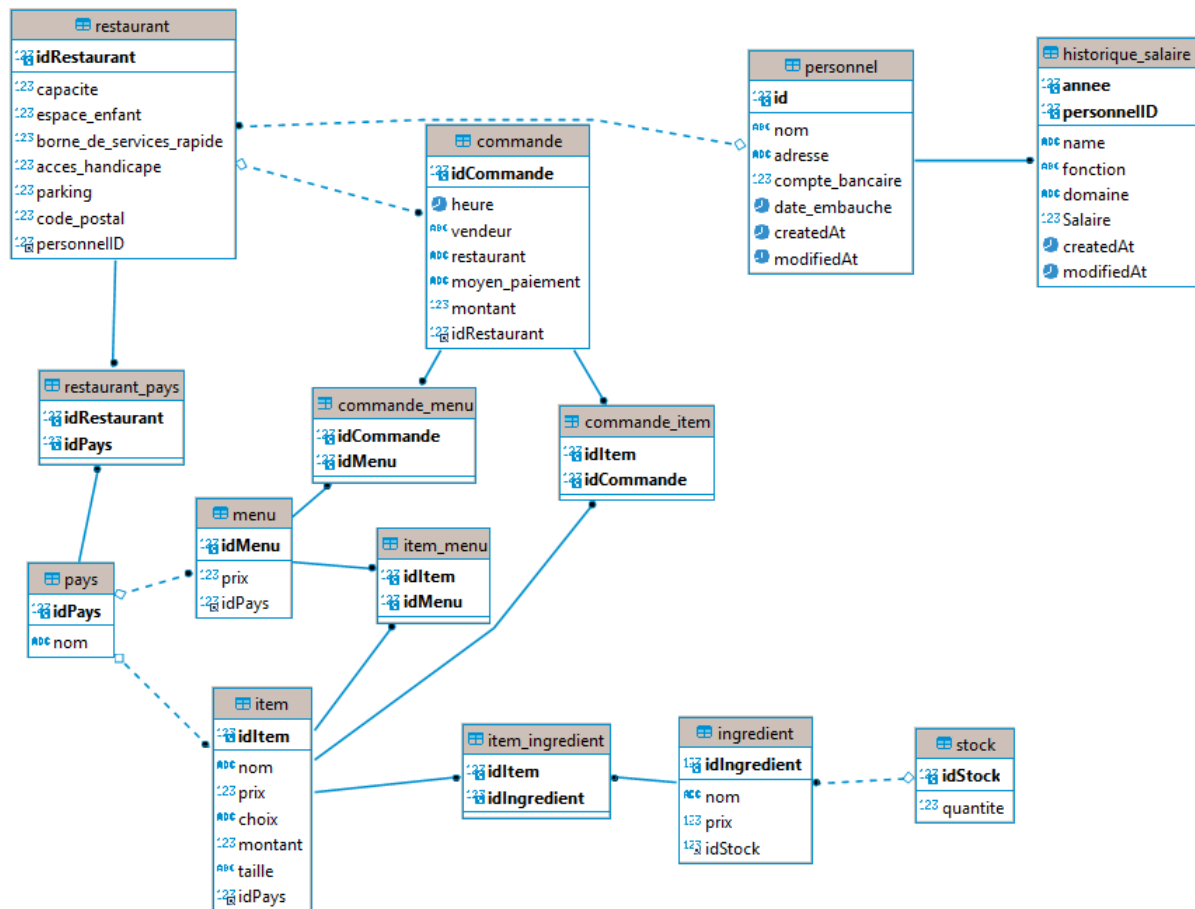
# MCD



## MLD



## Base de données



```

/a
SELECT COUNT(h.poste)
FROM Restaurants r
RIGHT JOIN History h ON r.id = h.resto_id
WHERE r.code_postal LIKE '64%' AND h.poste = 'employe'

```

```

/b
SELECT SUBSTR(r.code_postal,1,2) AS departement , i2.nom, COUNT(i2.nom)
FROM Orders_items oi
INNER JOIN Orders o ON oi.order_id = o.id
INNER JOIN Restaurants r ON r.id = o.resto_id
INNER JOIN Items i ON i.id =oi.item_id
INNER JOIN Recettes r2 on r2.item_id = i.id
INNER JOIN Ingredients i2 on i2.id = r2.ing_id
GROUP BY departement

```

```

c/
SELECT MIN(test.somme_salarial)
FROM
(
SELECT SUM(h.note) as somme_salarial, r.code_postal as code
FROM Restaurants r
INNER JOIN History h ON h.resto_id = r.id
GROUP BY r.code_postal
)test

```

```

/d
SELECT r.code_postal, i.nom, COUNT(i.nom)
FROM Orders_items oi
INNER JOIN Items i ON i.id = oi.item_id
INNER JOIN Orders o ON o.id = oi.order_id
INNER JOIN Restaurants r ON r.id = o.resto_id
WHERE i.type_item = 'plat' AND HOUR(o.date_heure) BETWEEN 0 AND 12
GROUP BY r.code_postal

```

```

/e
select count(h.poste), r.code_postal
from History h
inner join Restaurants r on h.resto_id = r.id
group by r.code_postal

```

```

/f
SELECT i.nom, s.unites,
IF (s.unites=0, 'Rupture de stock',
IF(s.unites<249, 'Prioritaire',
IF(s.unites<499, 'Urgence',
IF(s.unites<749,'Pas d\'urgence',
IF(s.unites<999, 'En stock', 'OK'))))) AS a_commander
FROM Restaurants r
INNER JOIN Stocks s ON r.id = s.resto_id
INNER JOIN Ingredients i ON i.id = s.ing_id
WHERE r.code_postal = 64200

```

```

/g
SELECT p.pays, (AVG(i.prix) - AVG(i2.prix)) AS Benefice
FROM Items i
INNER JOIN Cartes c ON c.item_id =i.id
INNER JOIN Pays p On p.id = c.pays_id
INNER JOIN Recettes r ON r.item_id = i.id
INNER JOIN Ingredients i2 ON i2.id = r.ing_id
GROUP BY p.pays

```

```
/h
SELECT r.ville , avg(h.note) as moyenne
from Restaurants r
inner join History h on r.id = h.resto_id
inner join Personnel p on h.ind_id = p.id
where experience > 2
group by r.ville
order by moyenne desc limit 10 ;
```

```
/j
select espace_enfant, avg(somme)
from restaurants
inner join orders on restaurants.id = orders.resto_id
group by espace_enfant = 0 ;
```

```
k/
select superieur, poste, avg(salaire)
from history
where poste = 'manager'
group by superieur;
```

```
/l
select pays, menus.plat,menus.dessert , menus.boisson, items.nom
from pays inner join cartes on cartes.pays_id = pays.id
inner join items on items.id = cartes.item_id
inner join menus on items.id = menus.id
where pays = 'France' or pays = 'Espagne';
```