Employee → Work by hour (hour rate for job)

- Submit daily time cards

Date → No of hours worked

- Work > 8 hours is paid 1.5 times hour rate (for extra hours only)
- Payment on friday

↓ flat

- Salaried
- Payment on last working day of month
- salary is field/member of employee type
- Commission rate " " " "
- submit sale receipts

data → amount of sale

- Commission paid every friday

Method of payment ⟶ mail to postal address

⟶ Pickup by the pay master

⟶ deposit paycheck to bank account

Employee part of Employee union

→ Due Rate for union (weekly)
→ Service Charges
　　　→ Membership fee
　　　→ festival fees
(weekly basis and deducted from next pay amount)

Database ✓ ⟶ MySql
IDE ✓ or JSon

Project Rough Design

Loosely Coupled database design

Worker Req of database

① Insert Employee details

② Delete employee details

③ ~~Post~~ Insert Time Card details
     / Delete

④ Insert/Delete of sales receipt details

⑤ Insert/Delete/modify union membership,
     service charges etc

⑥

```
[ Time card Manager ]  ⬦⟶       ⟶
        Accountant
```

Monthly
Employee

[Accountant]

?

(at)
double hourlyrate;
Time Card Manager (static) term;

Employee SalaryType pay

Pay Sal (Employee e)

?

p(e. salType == weekly)

Salaried Employee

↑ double monthlySalary;
   date joining;

payweeksal ( )

else

paymonthSal(e)

Project Rough Design

Loosely Coupled database design

Worker Reg of database

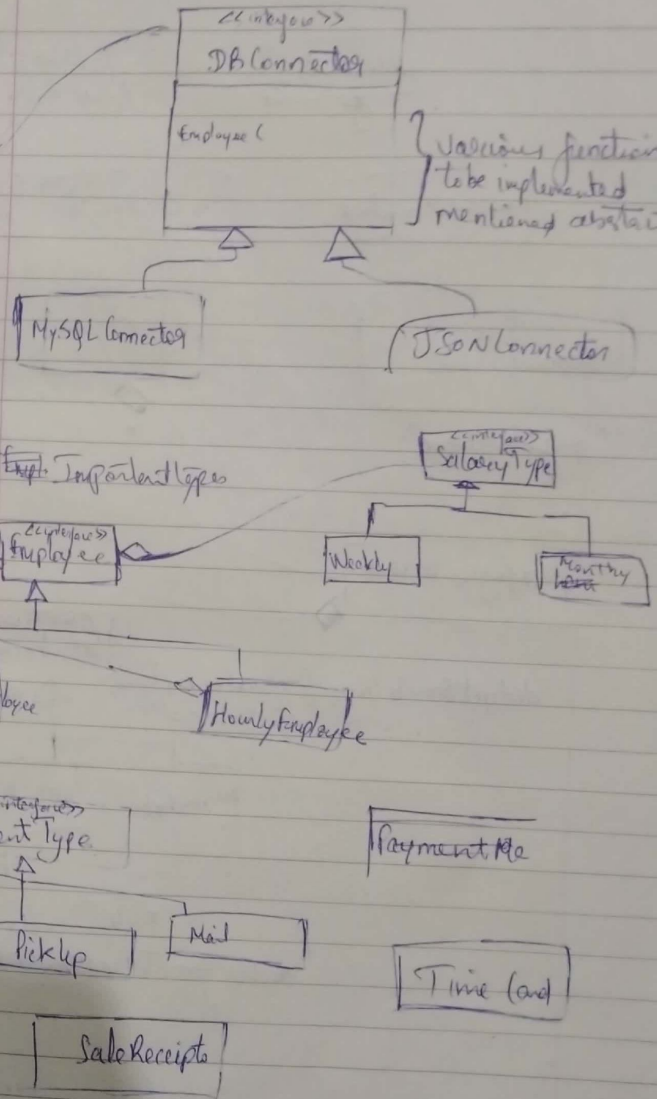1. Insert Employee details
2. Delete employee detail
3. ~~Post~~ Insert Time Card details / Delete
4. Insert/Delete of sales receipt details
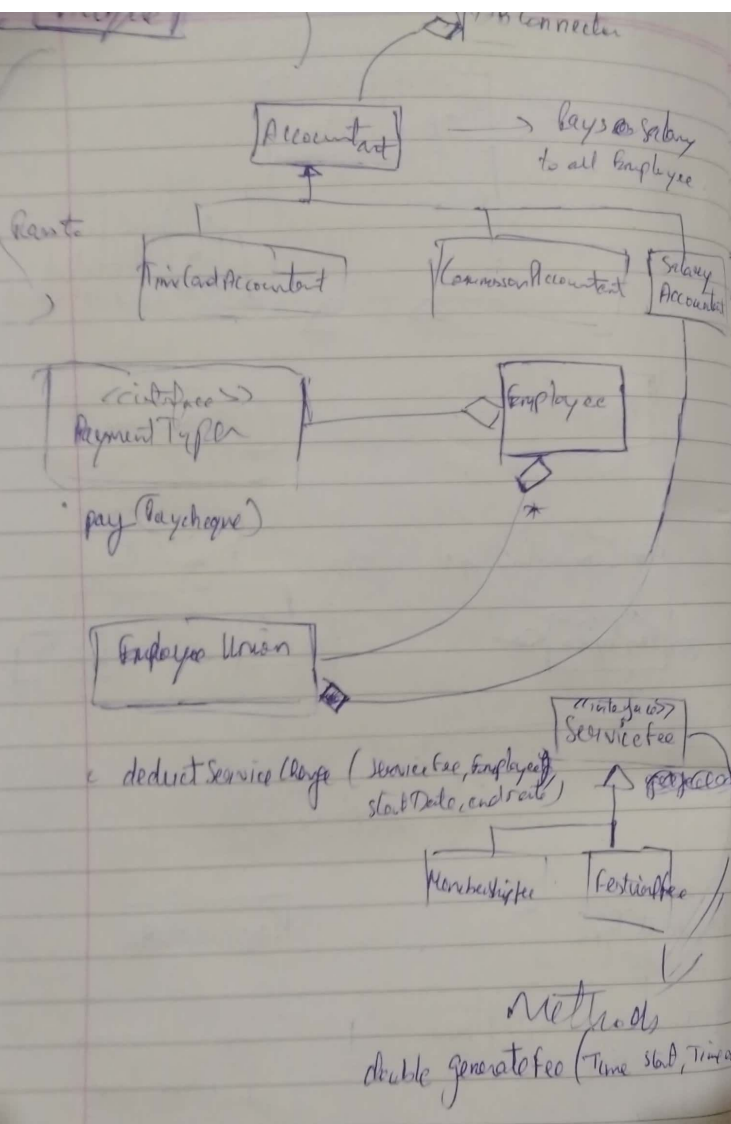5. Insert/Delete / modify union membership, service charges etc
6.

```
Time Card ~~Manager~~
         Accountant
```

Monthly Employee
?

double hourlyrate;
Time Card Manager (static) terms;

Salaried Employee
{ double monthlysalary;
  date joining;
?

Employee - SalaryType - pay

Pay sal (Employee e)
?
if (e. SalType == weekly)
    paymentSal ( )
else
    paymentSal(e)
?

Accountant

<<interface>>
DB Connector

Employee (

} various functions
  to be implemented
  mentioned abstract

MySQL Connector   JSON Connector

Empl. Important types   <<interface>>
                                          SalaryType
<<interface>>
Employee   Weekly   Monthly

Salaried Employee   Hourly Employee

<<interface>>
Payment Type   Payment Me

Deposit   Pickup   Mail   Time Card

Sale Receipt

connector

Accountant → Pays as Salary to all Employee

Rents

Timecard Accountant | Commission Accountant | Salary Accountant

<<interface>>
Payment Type

· pay (Paycheque)

Employee

Employee Union

· deduct Service Charge (ServiceFee, Employee, StartDate, endrate)

<<interface>>
ServiceFee

<<interface>>

Membershipfee | Festivalfee

Methods

double generatefee (Time slot, Timeof

Tables

Hourly Employee

EID	FName	LName	HourRate	

Employee ?

EmployeeType Register