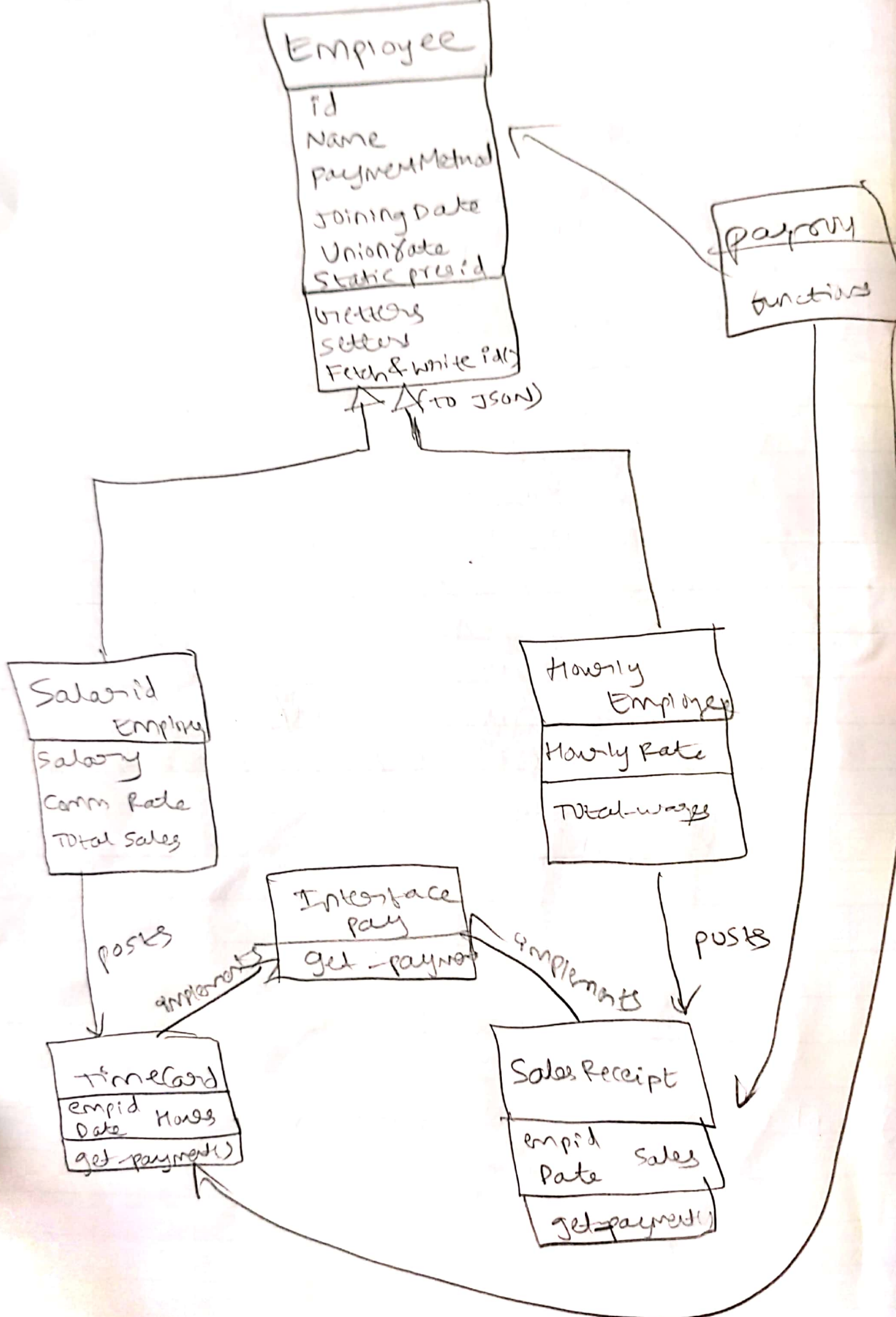


Use cases:-

- 1) Add emp
- 2) Del emp
- 3) Post time card
- 4) Post sales receipt
- 5) Post Union membership Service charge
- 6) Change employee details (eg. hourly rate, dues rate, membership fees etc.)



Employee

Final ~~private~~ empid;

Final ~~private~~ empname;

public getempid();

public getempname();

~~boolean~~ boolean belong-to-union;

~~Static~~ static presemp id;

~~private~~ ~~private~~ ~~private~~

~~Employee()~~

~~Employee()~~ ~~name~~

public belongs to union();

public Union Due Fee;

Employee (KArts) // constructors

public getUnionFee();

public setUnionFee();

Salasid Employee extends Employee

private salary;

Salasid Employee (KArts) // constructors

public setSalary();

public getSalary();

boolean can-take-commission;

private commission-rate;

public get-commission-rate();

public set-commission-rate();

Hourly Employee extends Employee

```
private hourlyRate;
Hourly Employee (wages) // constructor
public get hourlyRate();
public set hourlyRate();
```

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TimeCard

```
private empId;
private date;
private int no-of-hours;
public get-empId();
public get-date();
public get no-of-hours();
public get-payment() rate empId;
```

~~return empId * no-of-hours;~~

~~return~~

Salary Receipt

```
empId;
date;
sales;
get-payment()
```

JSON Files for storing (or) persisting data

Pay Roll

Salaries Employee Hashmap <EmpID, Salary> Emp
Hourly Employee Hashmap <EmpID, Hourly Emp>

Add Emp()

Del Emp()

Write to File()

Read from File()

Close pay Roll()

Run pay Roll()

get Last Working Day()

Post Sales Receipt()

Post time card()

etc...

MAIN

CALL PAYROLL()