

- Employees belonging to union have field for weekly deduction for union
- Dues are deducted from pay
- Service charges are submitted by union on a weekly basis and is deducted from next pay.

Use Cases:

- 1) Add a new employee
- 2) Delete an employee
- 3) Post a time card
- 4) Post a sales receipt
- 5) Post a union membership, service charge etc.
- 6) Change employee details
- 7) Run the payroll for today

Employee fields:-
 ID, Name, isHourlyWorker, isMonthlySalaried, hourly_rate, salary_rate, commission_rate, weekly_dues, ^{address} Payment method, Postal address, Bank Name

Taking input:-

ID, Name - Mandatory

isHourlyWorker → hourly_rate

isMonthlySalaried → salary, commission_rate

Payment method → weekly_dues, Postal address, Bank Name

Employee.java → represents employee record in database

Database.java → to do operations with database

Paycheck.java
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 define paycheck

AddEmployee.java

AddHourlyEmployee.java

AddSalaryEmployee.java

HourlyClassification.java

Weekly.java

MonthlyClassification.java

Change Employee

Change Rate & Salary

ChangeName.java

ChangeId.java

ChangeAddress.java

ChangeRate.java

Change Salary.java

ChangeDuesRate

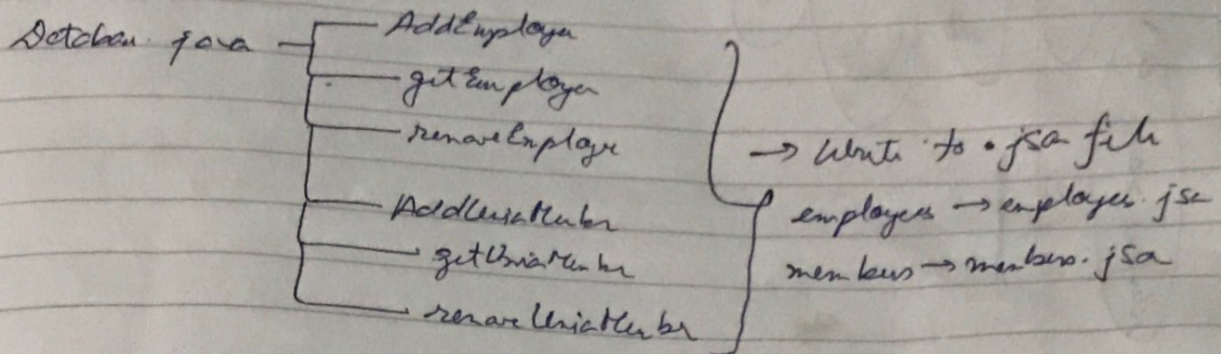
ChangeCommRate

Interface to define - Employee Payment Classification

Payment Schedule

Hourly
 Monthly
 Weekly
 Monthly

DeleteEmployee.java → remove from database



TimeCard → Date & no of hours worked

AddTimeCard → hourly classification → store every employee has
 hashmap of its own timecard

SalesReceipt → ID, amount

AddSalesReceipt → increase the value of wages in the
 employee object

UniaCharge → ID, amount

AddUniaCharge → store charges in dues field of Employee

