TEB1043 OBJECT ORIENTED PROGRAMMING

SIR NORDIN ZAKARIA

UML DIAGRAM GROUP PROJECT

JANUARY 2023

STUDENT NAME	STUDENT ID
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Anis and Athirah

Payroll

OT: float
rateOT = 20.0: float
incometax: float
epf: float
netSalary = 3500: float
income: float
deduct: float
finalPayroll: float

+calculation(): float
+displayPayroll(): float

PayrollList

moneyList: Payroll[]
currmonth = 0: int

+add(month: Payroll): void

Address

-street : String
-pc : String
-district : String
-state : String

+setAddr (street : String, pc : String, dist : String, state : String) : void
+getAddr () : String

Izzah and Jennet

Name

-fname : String
-mname : String
-lname : String
-fullName : String

+setName (f : String, m : String, l : String) : void
+getFullname () : String
+getFirstname () : String

Performance

-Attendance : int []
-totalHour : float

+calcAttendRate (attendance : int []) : float
+getTotalhour () : float

Izzah and Jennet

Employee

-name : Name
-ID : String
-phone : String
-email : String
-position : String
-performance : Performance
-addr : Address

OverTime

-date: Date
-duration: float
-totalDuration: float
-OTList : ArrayList<OverTime>

+setDate(): void
+getDate(): Date
+setDuration(Time t): void
+getDuration(): float
+calcTotal(): float
+getTotalDuration(): float

Aisyah and Najah

Leave

-startDate: Date
-endDate: Date
-days: String
-type: String

+setStartDate(Date d) : void
+setEndDate(Date d) :void
+getStartDate() : Date
+getEndDate() : Date
+setDays() : String
+setType(): String

Date

- date: int
- month: int
- year: int

+ setDate(int: year, int: month, int: day) : void
+ getDate () : Date

Time

- hour: int
- minute: int

+ setTime(int: hour, int: minutes) : void
+ getTime() : Time

Alya and Zahidah

Attendance

- date : Date
- checkIn : Time
- Status: int[]
- currMonth: int
-checkOut: Time

+setAttendance(Time checkIn,Time checkOut,Date date):void
+getStatus():int []

Alya and Zahidah