StaffHire

StaffHire

```
# vacancyNumber: int
# designationType: String
# jobType: String
# staffName: String
# joiningDate: String
# qualification: String
# appointedBy: String
# joined: boolean
```

```
+StaffHire(vacancyNumber: int, designationType: String,
jobType: String, staffName: String, joiningDate: String,
qualification: String, appointedBy: String, joined: boolean)
+getVacancyNumber: int
+setVacancyNumber(vacancyNumber: int): void
+getDesignationType(): String
+setDesignationType(designation: String): void
+getJobType(): String
+setJobType(jobType:String): void
+getStaffName(): String
+setStaffName(staffName: String): void
+getJoiningDate(): String
+setJoiningDate(joiningDate: String): void
+getQualification(): String
+setQualification(qualification: String): void
+getAppointedBy(): String
+setAppointedBy(appointedBy: String): void
+getJoined(): boolean
+changeStatus(joined: boolean):void
+displayInfo(): String
```

FullTimeStaffHire

FullTimeStaffHire
<<extends StaffHire>>

```
- salary: double
- weeklyFractionalHours: int
```

```
+FullTimeStaffHire(vacancyNumber: int, designationType: String,
jobType: String, staffName: String, joiningDate: String,
qualification: String, appointedBy: String, joined: boolean,
salary: double, weeklyFractinalHours: int)
+getSalary(): int
+setNewSalary(salary: double): double
+getWeeklyFractionalHours(): int
+setWeeklyFractionalHours(weeklyFractionalHours: int): void
+displayInfo(): String
```

PartTimeStaffHire

PartTimeStaffHire
<<extends StaffHire>>

```
-workingHours: double
-wagesPerHour: double
-shifts: String
-terminated: boolean
```

```
+PartTimeStaffHire(vacancyNumber: int, designationType: String,
jobType: String, staffName: String, joiningDate: String,
qualification: String, appointedBy: String, joined: boolean,
workingHours: double, wagesPerHour: double, shifts: String,
terminated: boolean)
+getWorkingHours(): double
+setWorkingHours(workingHours: double): void
+getWagesPerHour(): double
+setWagesPerHour(wagesPerHour: double): void
+getShifts(): String
+setWorkingShifts(shifts: String): String
+terminateStaff(): boolean
+getTerminated(): boolean
+displayInfo(): String
```

GUI

GUI
<<implements ActionListener>>

```
- database: ArrayList<StaffHire>
- staffNameField: JTextField
- vacancyNumberField: JTextField
- designationTypeField: JTextField
- jobTypeField: JTextField
- joiningDateField: JTextField
- qualificationField: JTextField
- appointedByField: JTextField
- salaryField: JTextField
- weeklyFractionalHoursField: JTextField
- workingHoursField: JTextField
- wagesPerHourField: JTextField
- startMessage: JTextField
- displayNumberField: JTextField
- employeeDisplayField: JTextField
- newSalaryField: JTextField
- displayArea: JTextArea
- frame: JFrame
- mainScreenFrame: JFrame
- fullTimeFrame: JFrame
- partTimeFrame: JFrame
- displayEmployeesFrame: JFrame
- salaryFrame: JFrame
- shiftsFrame: JFrame
- addFTButton: JButton
- addPTButton: JButton
- clearFullButton: JButton
- clearPartButton: JButton
- nextPageButton: JButton
- returnFromFullTimeButton: JButton
- returnFromPartTimeButton: JButton
- returnFromDisplayButton: JButton
- fullTimeButton: JButton
- partTimeButton: JButton
- displayEmployeesButton: JButton
- displayButton: JButton
- setSalaryButton: JButton
- setShiftsButton: JButton
- terminateButton: JButton
- confirmSalaryButton: JButton
- confirmShiftsButton: JButton
- group: ButtonGroup
- group1: ButtonGroup
- group2: ButtonGroup
- joinedOption: JRadioButton
- morningOption: JRadioButton
- dayOption: JRadioButton
- eveningOption: JRadioButton
- terminatedOption: JRadioButton
- permanent: JRadioButton
- contract: JRadioButton
- temporary: JRadioButton
```

```
+ GUI()
+mainScreen(): void
+fullTimeEmployee(): void
+partTimeEmployee(): void
+displayEmployees(): void
+newSalaryScreen(): void
+setShiftsScreen(): void
+ actionPerformed(e: ActionEvent): void
+ static main(args: String[]): void
```