Use Case Diagram Level 0 : Coffee POS System

Admin

**Static and Data Analysis**

Model View Controller (MVC) Model

2. Employee Management

2.1 View Employee

View Employee to Model

Employee

View Employee GUI

Receive Employee from Model

View Employee show Screen

2.2 Add Employee

Add Employee to Model

Employee

Add Employee GUI

Receive Employee from Model

View Employee show Screen

2.3 Edit Employee

Edit Employee to Model

Employee

Edit Employee GUI

Receive Employee from Model

View Employee show Screen

2.4 Delete Employee

View Employee show Screen

Receive Employee from Model

Employee

Delete Employee GUI

Delete Employee to Model

Entity Relational Diagram

Employee Management

**PartTime**

RatePerHours

CalSalaryPartTime ()

**Employee**

ID

Name

Sex

Birthday

Phone

Position

+ViewEmployee ()

+AddEmployee ()

+EditEmployee ()

+DelateEmployee ()

**FullTime**

RatePerMonth

CalSalaryFullTime ()

System Behavior Model

1. Employee Management
   1. View Employee

Admin View Employee GUI View Employee to Model Employee

1: Request view  
Employee data

3: View Employee data

2: Set the view Employee data

4: Status of view operation

6: Display status of view operation

5: Display status of view operation

* 1. Add Employee

Admin Add Employee GUI Add Employee to Model Employee

1: Request add  
Employee data

2: Set the add Employee data

3: Add Employee data

6:Display status of add operation

5: Display status of add operation

4: Status of add operation

* 1. Edit Employee

Admin Edit Employee GUI Edit Employee to Model Employee

1: Request edit  
Employee data

2: Set the edit Employee data

3: Edit Employee data

6:Display status of edit operation

5: Display status of edit operation

4: Status of edit operation

* 1. Delete Employee

Admin Delete Employee GUI Delete Employee to Model Employee

1: Request delete  
Employee data

2: Set the delete Employee data

3: Delete Employee data

6:Display status of deelte operation

5: Display status of delete operation

4: Status of delete operation