



Analysis

My Coffee POS

Version 1.0

Prepare by

Miss Vachira Mas-osot 5730213045 <ProjectManager>

Miss Sutita Saraya 5730213009

Miss Tunyared Khiawtong 5730213035

Mr. Passakorn Rattanaprapan 5730213067

Miss Savinee Jitjarak 5730213094

Table of Contents

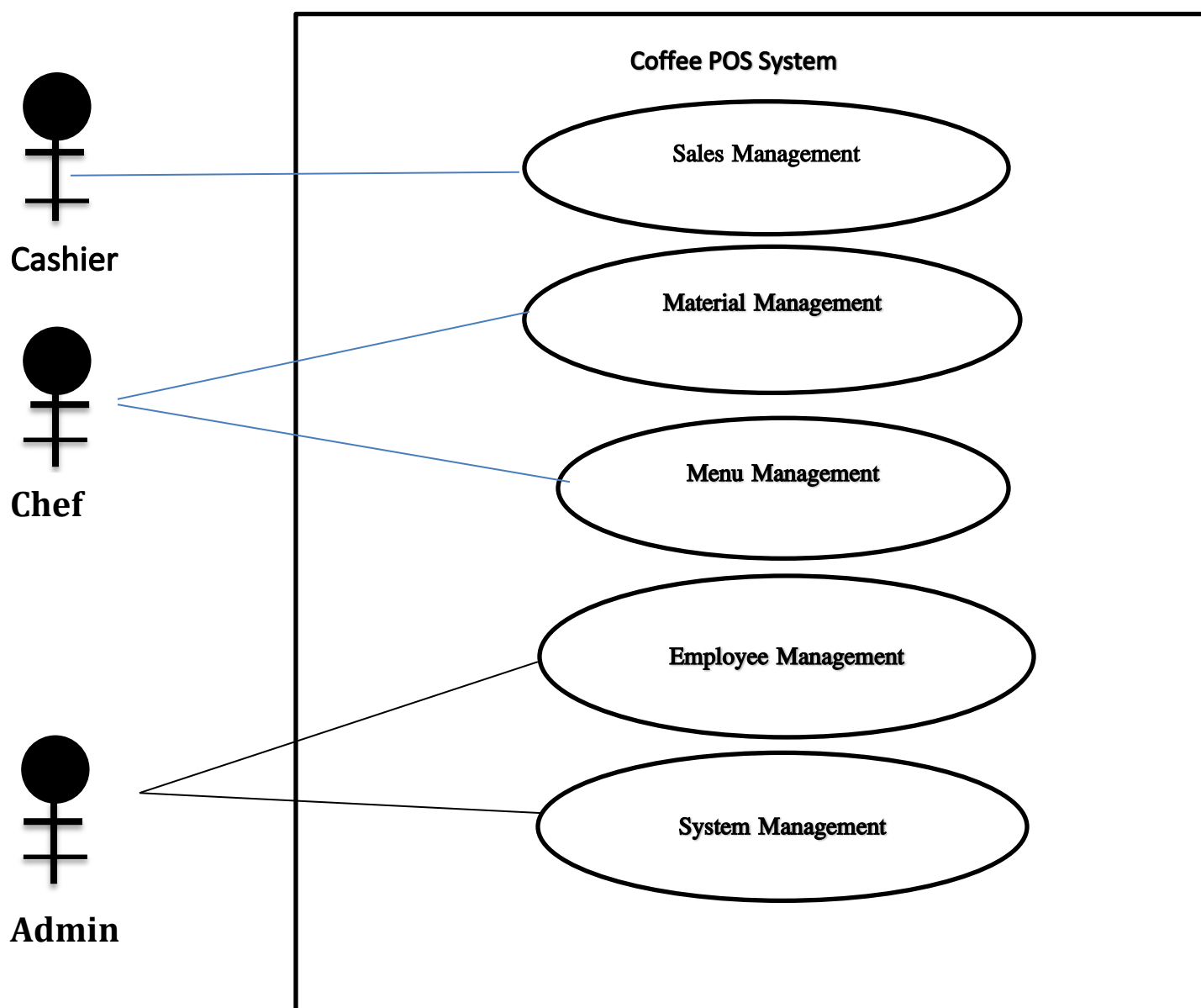
1. Revision History.....	2
2. Use CaseOverview.....	2
Use Case Diagram Level 0: My Coffee POS System	2
Use Case Diagram Level 1: Sales Management	3
Use Case Diagram Level 1: Material Management	3
Use Case Diagram Level 1: Menu Management	4
Use Case Diagram Level 1: Employee Management	4
Use Case Diagram Level 1: System Management	5
3. System Structure.....	6
4. Static Structure and Data Analysis.....	7
4.1 Model-View-Controller (MVC) Model.....	7
1. Sales Management	7
2. Material Management	9
3. Menu Management	11
4. Employee Management	13
5. System Management	15
4.2 Entity Class Model.....	17
5. System Behavior Model.....	18
5.1 Sequence Diagram.....	18
1. Sales Management	18
2. Material Management	20
3. Menu Management	22
4. Employee Management	24
5. System Management	26

1. Revision History

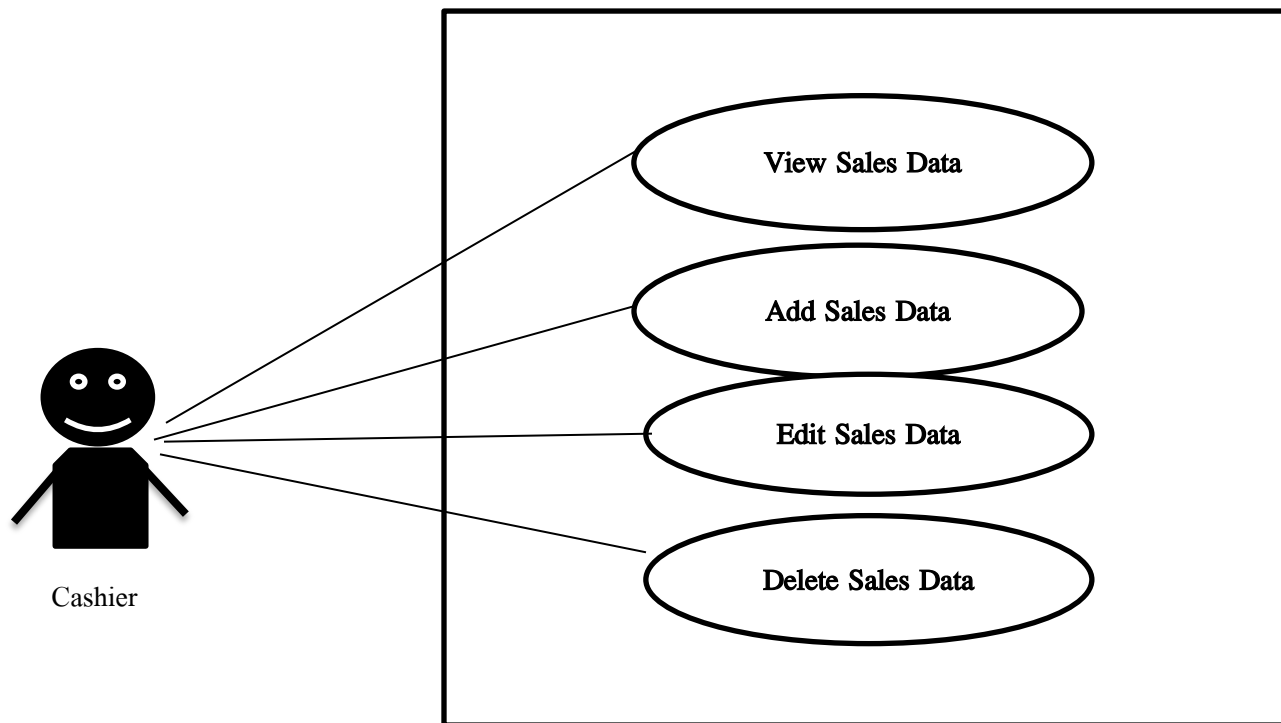
Name	Date	Description	Version
Vachira Mas-osot	7/11/2016	First Version	1.0

2. Use Case Overview

Use Case Diagram Level 0: Coffee POS System

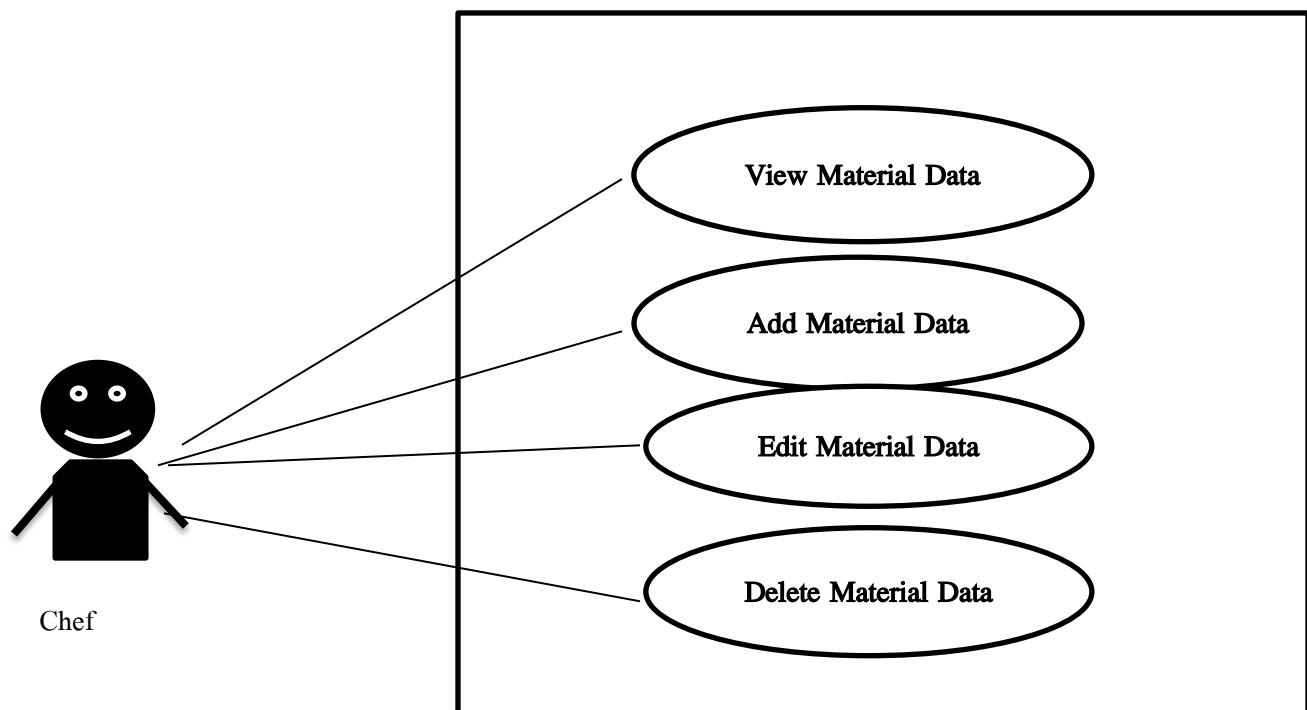


Use Case Diagram Level 1: Sales Management



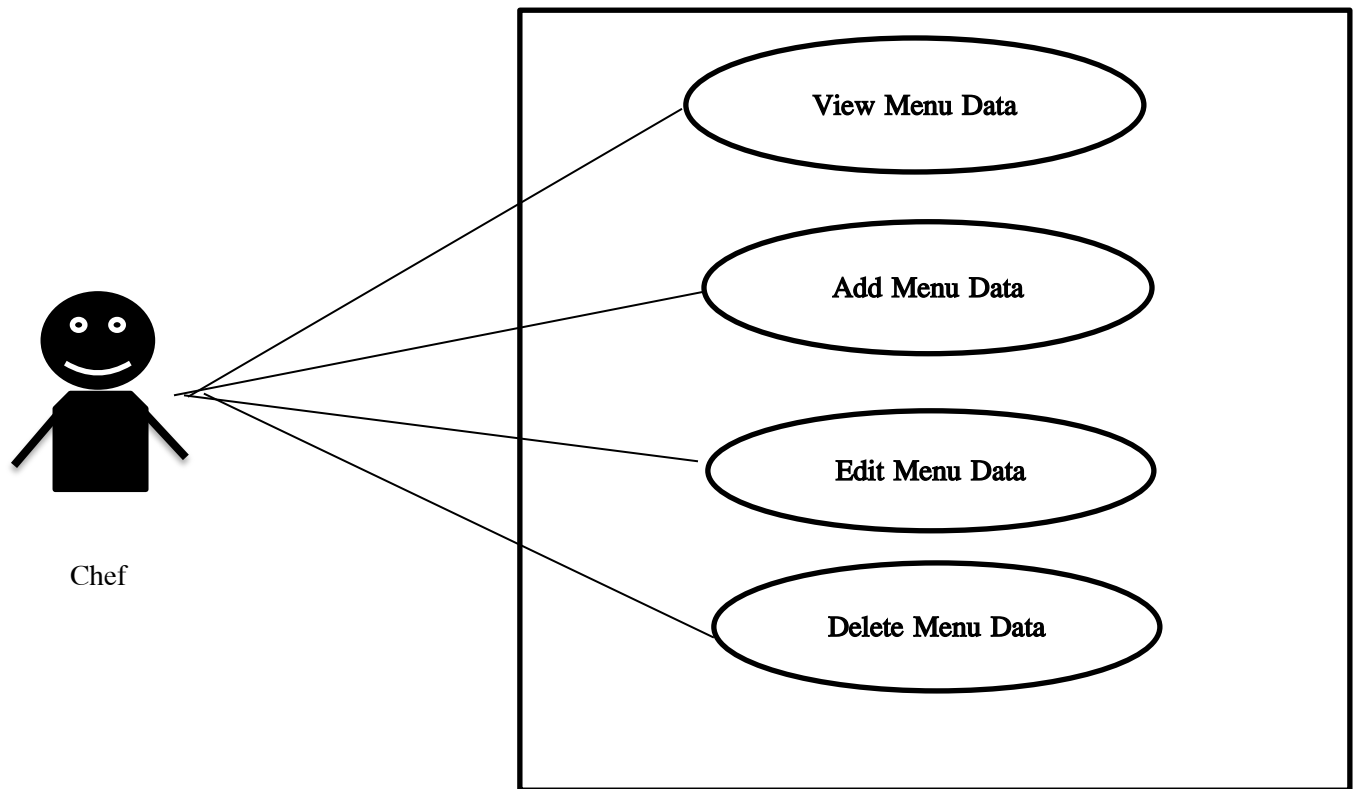
(Vachira Mas-osot 5730213045)

Use Case Diagram Level 1: Material Management



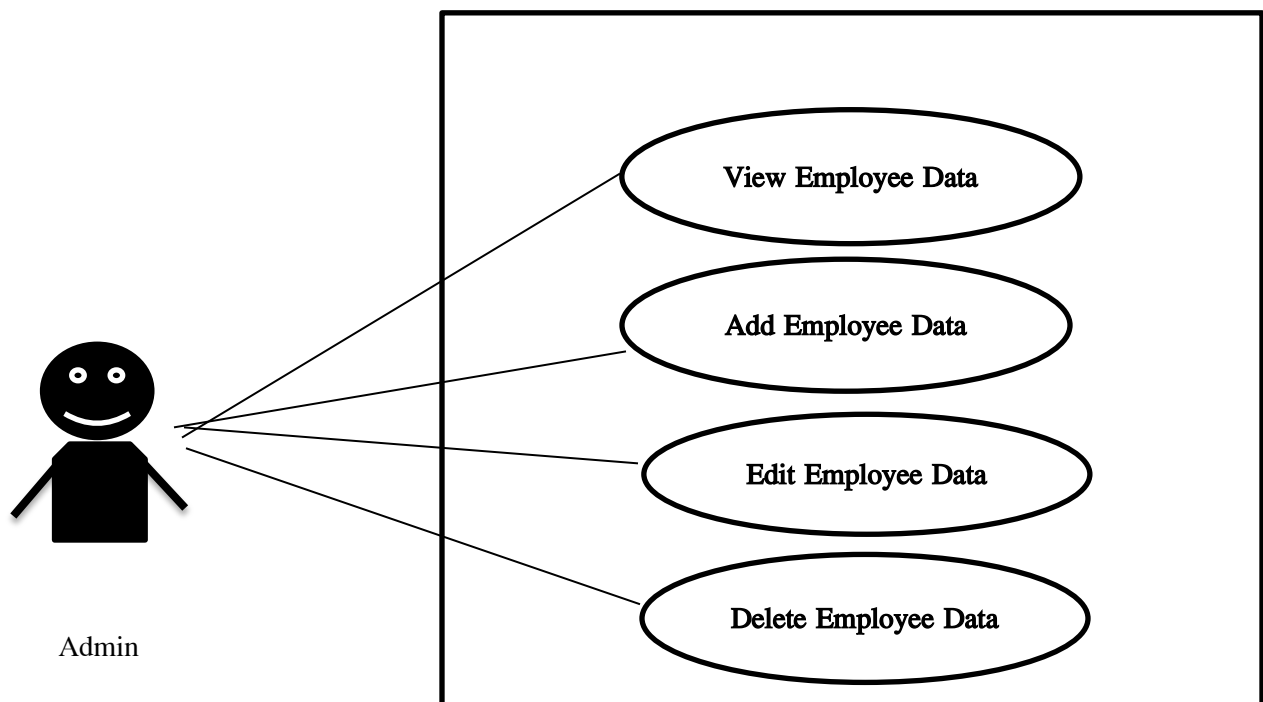
(Sutita Saraya 5730213009)

Use Case Diagram Level 1: Menu Management



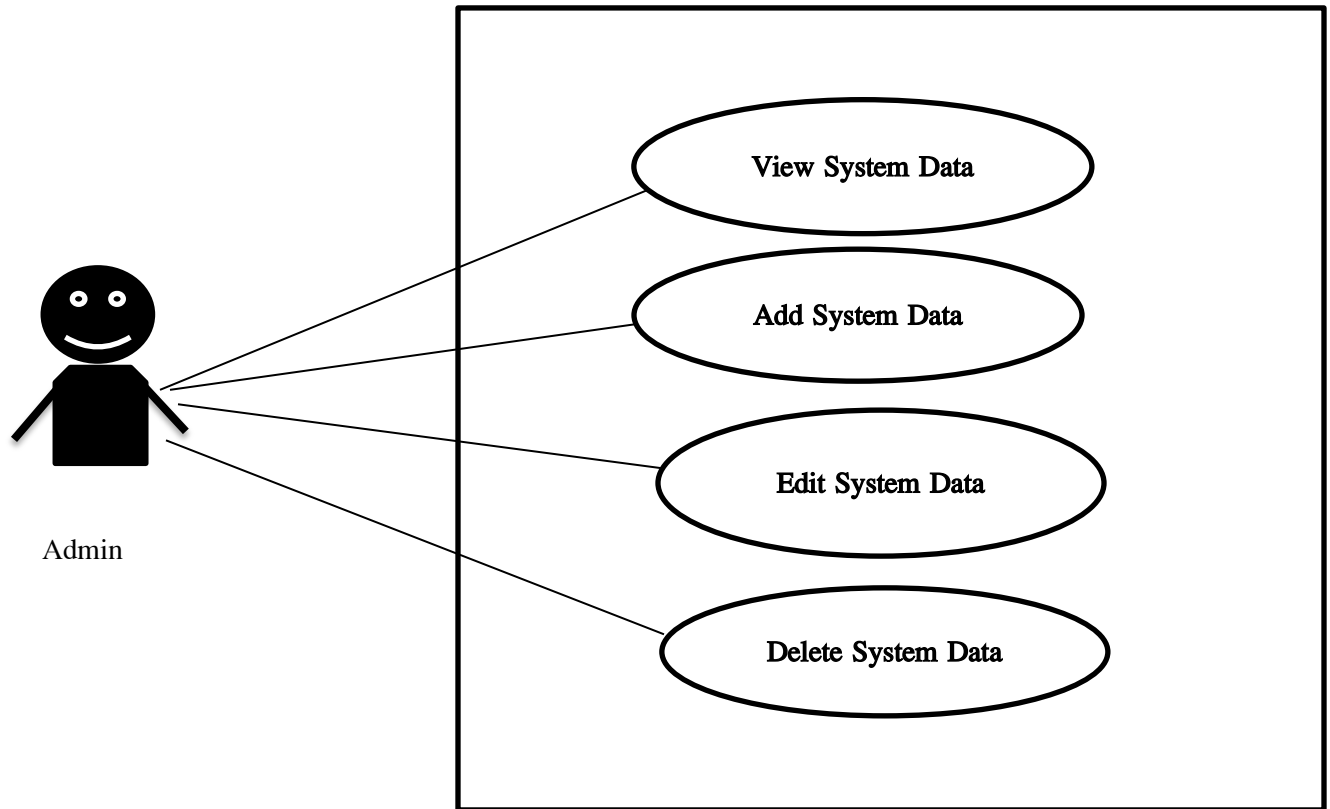
(Tunyared Khiawtong 5730213035)

Use Case Diagram Level 1: Employee Management



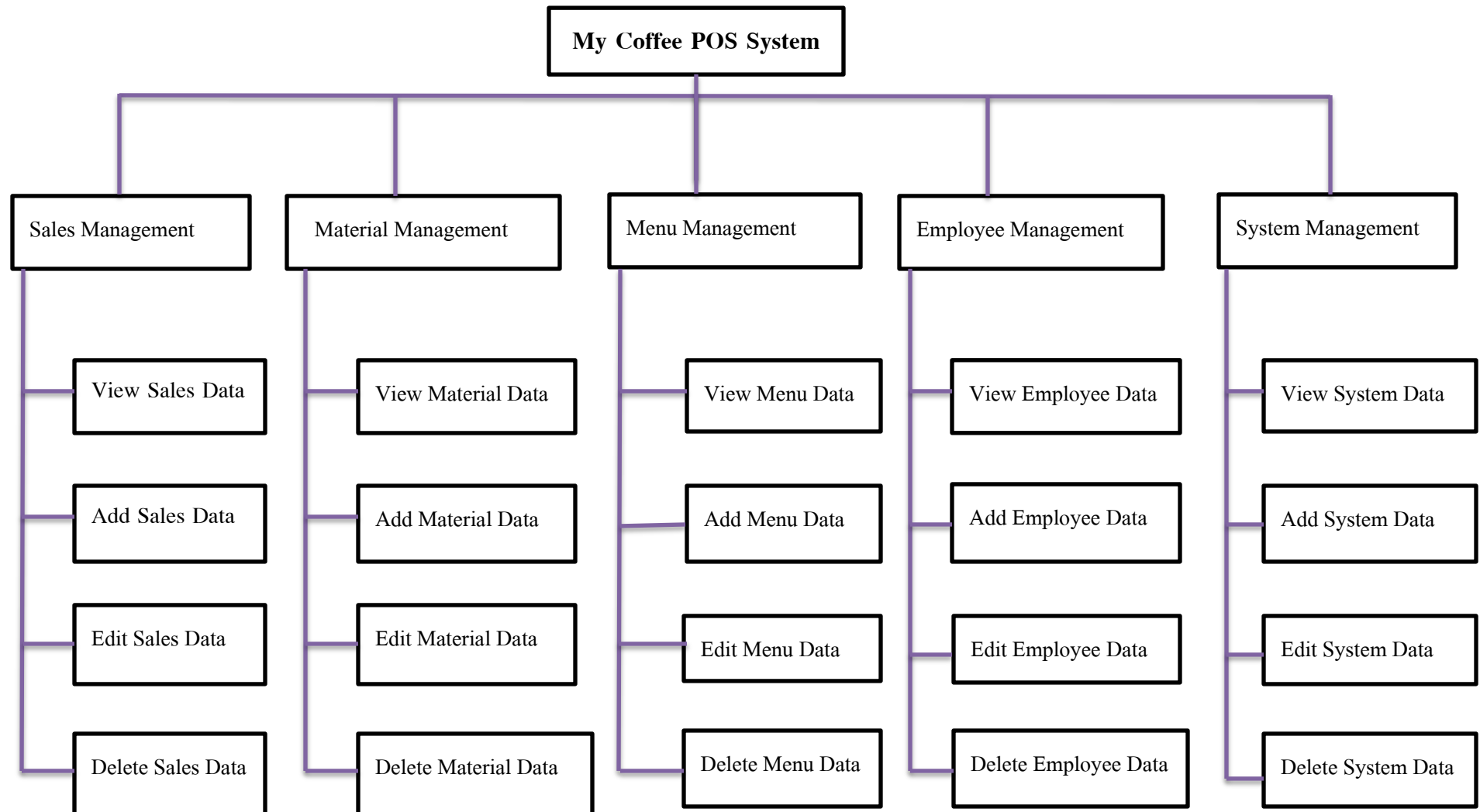
(Passakorn Rattanaprapan 5730213067)

Use Case Diagram Level 1: System Management



(Savinee Jitjarak 5730213094)

3. System Structure

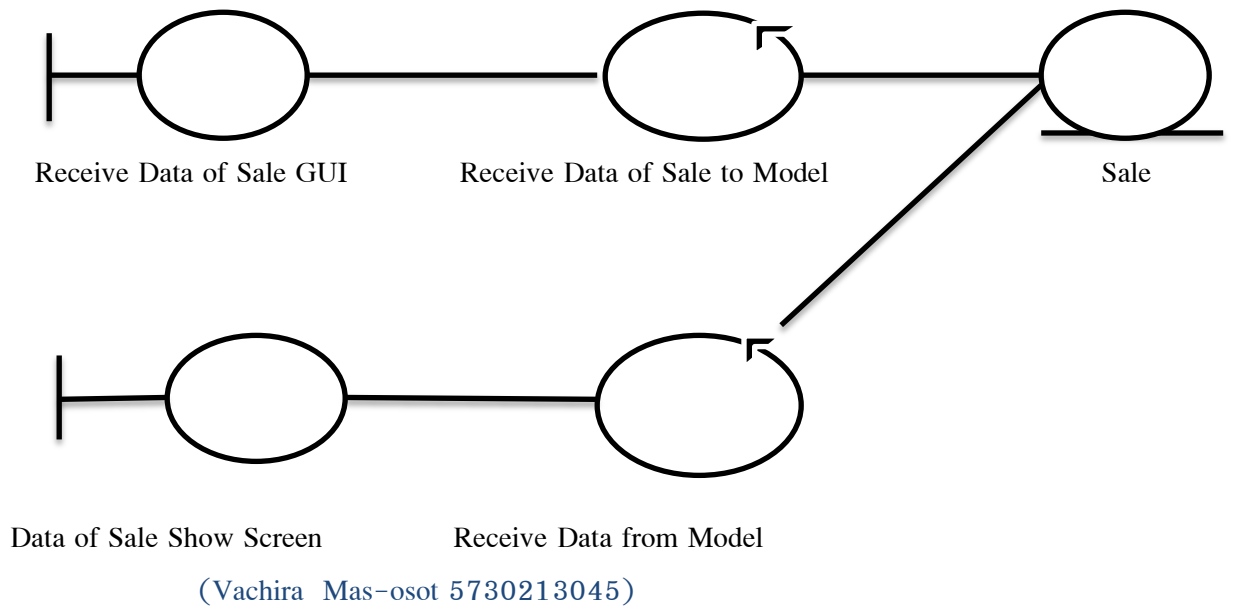


4. Static Structure and Data Analysis

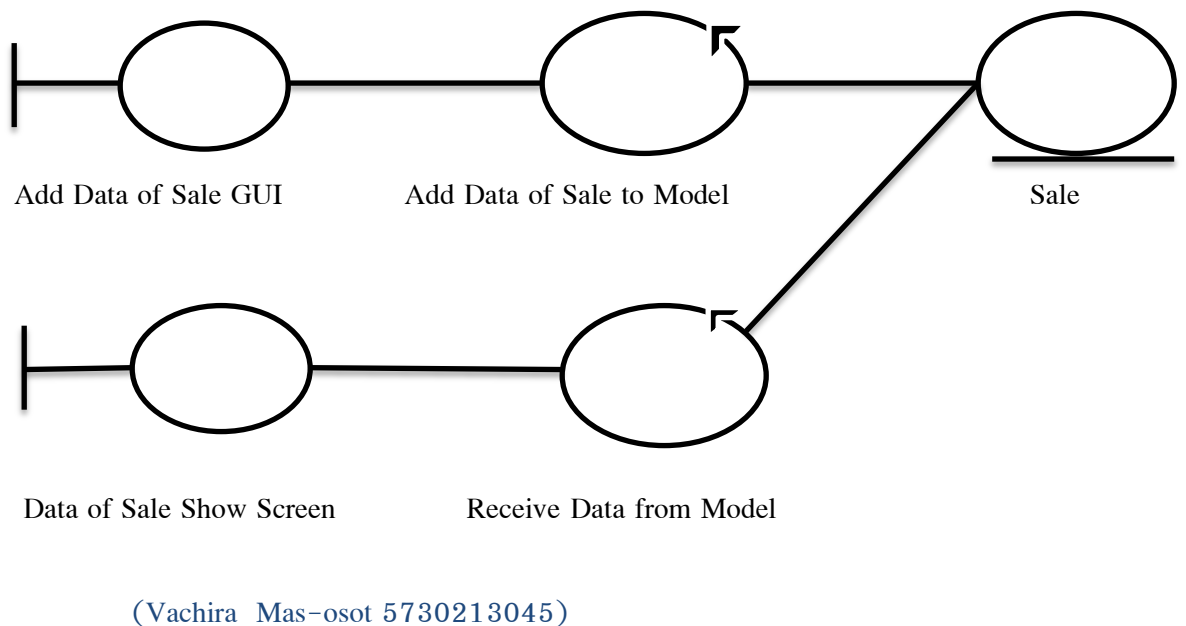
4.1 Model-View-Controller (MVC) Model

1. Sales Management (Vachira Mas-osot 5730213045)

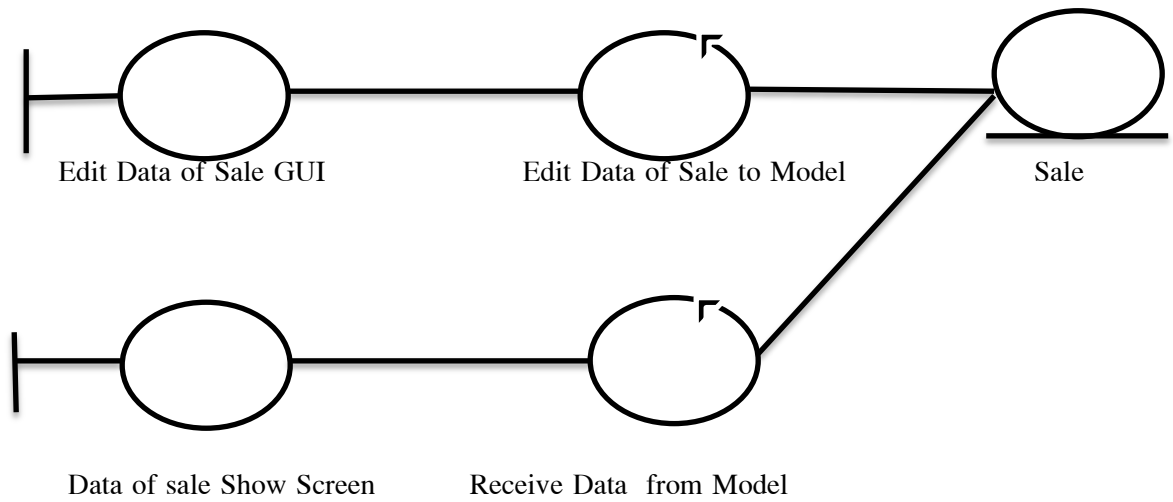
1.1. View Sales Data



1.2. Add Sales Data

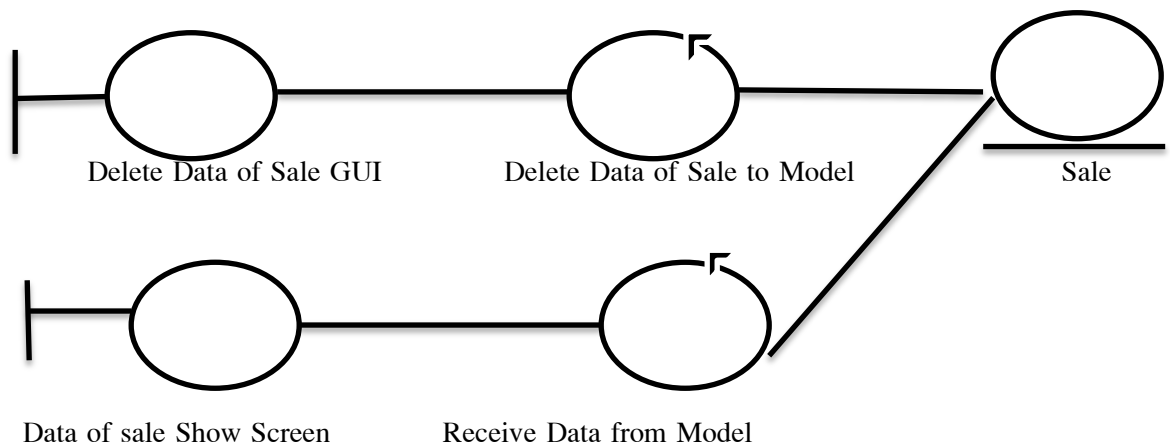


1.3. Edit Sales Data



(Vachira Mas-osot 5730213045)

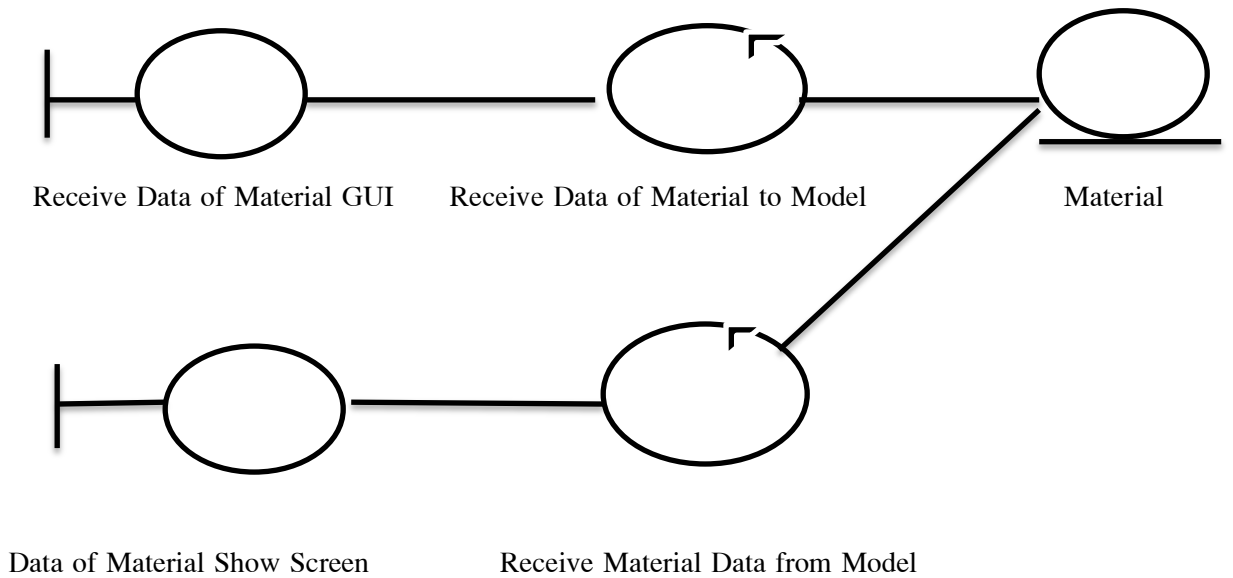
1.4. Delete Sales Data



(Vachira Mas-osot 5730213045)

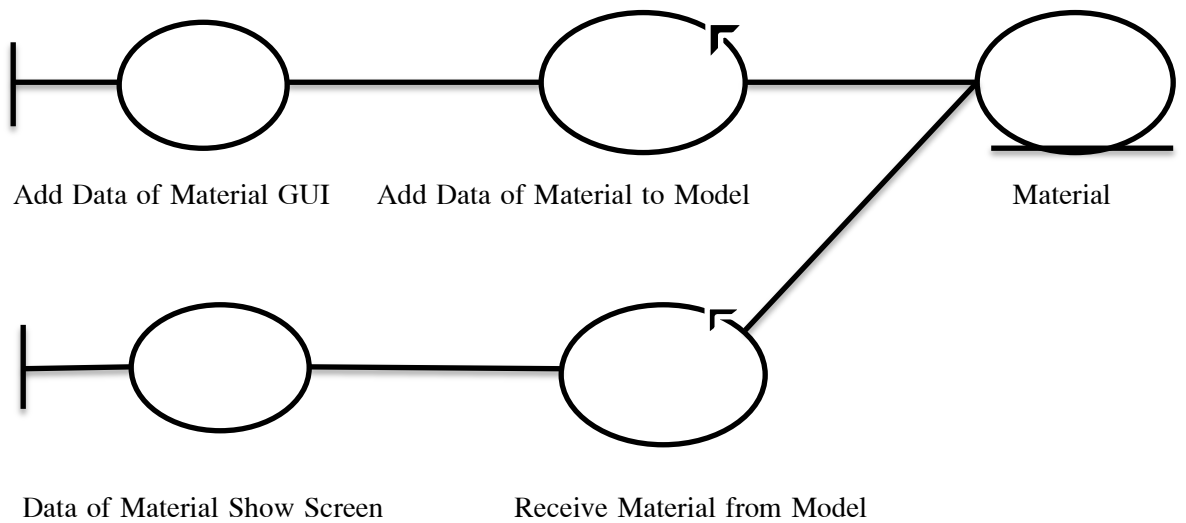
2. Materia Management (Sutita Saraya 5730213009)

2.1 View Material Data



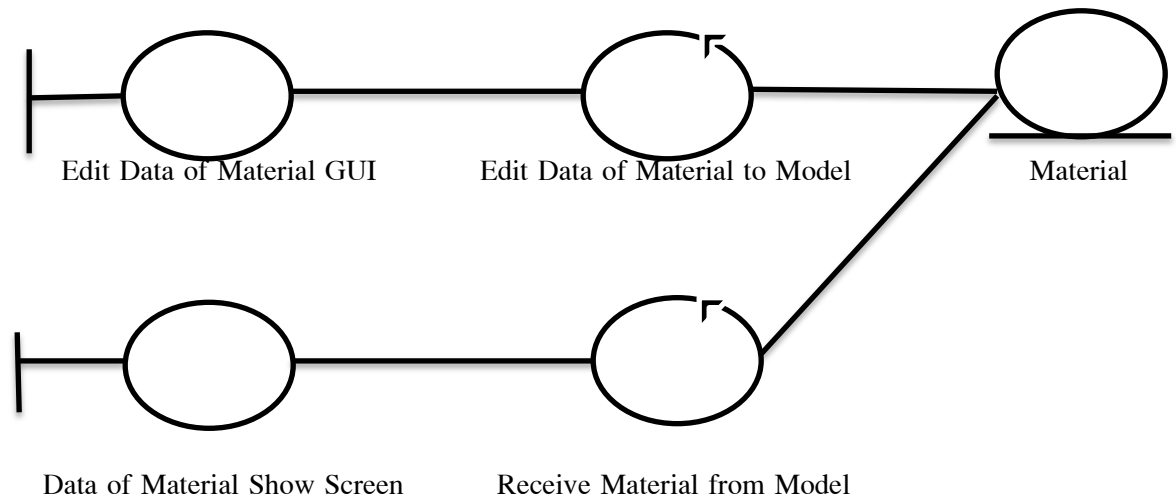
(Sutita Saraya 5730213009)

2.2 Add Material Data



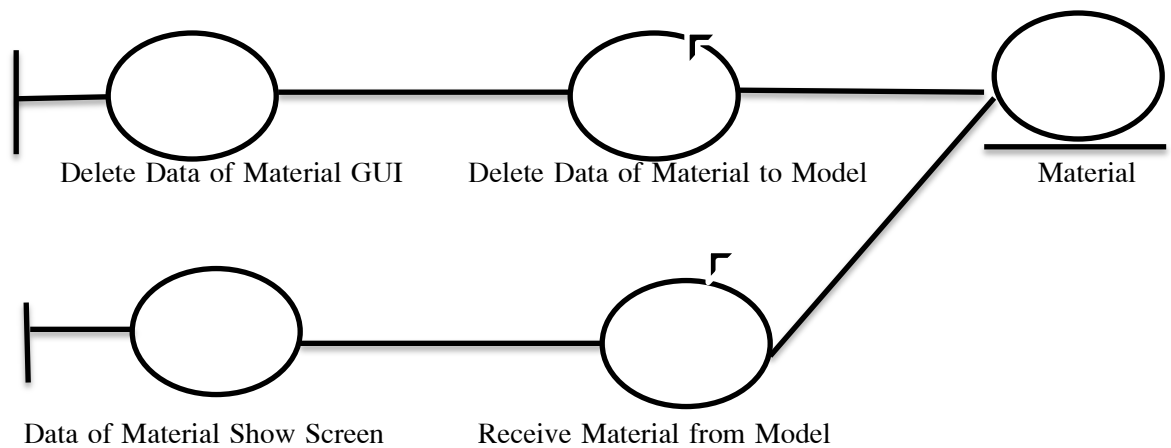
(Sutita Saraya 5730213009)

2.3 Edit Material Data



(Sutita Saraya 5730213009)

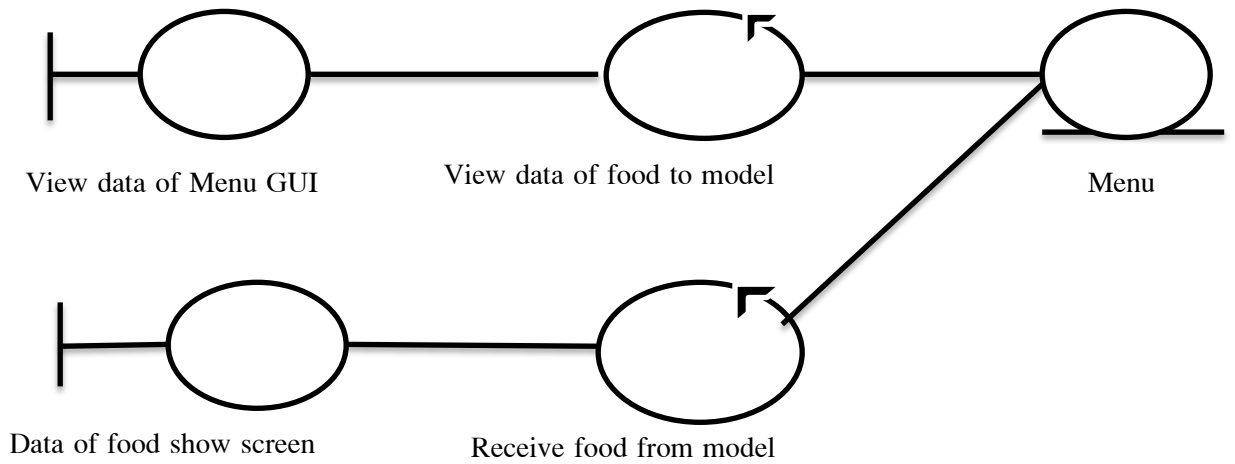
2.4 Delete Material Data



(Sutita Saraya 5730213009)

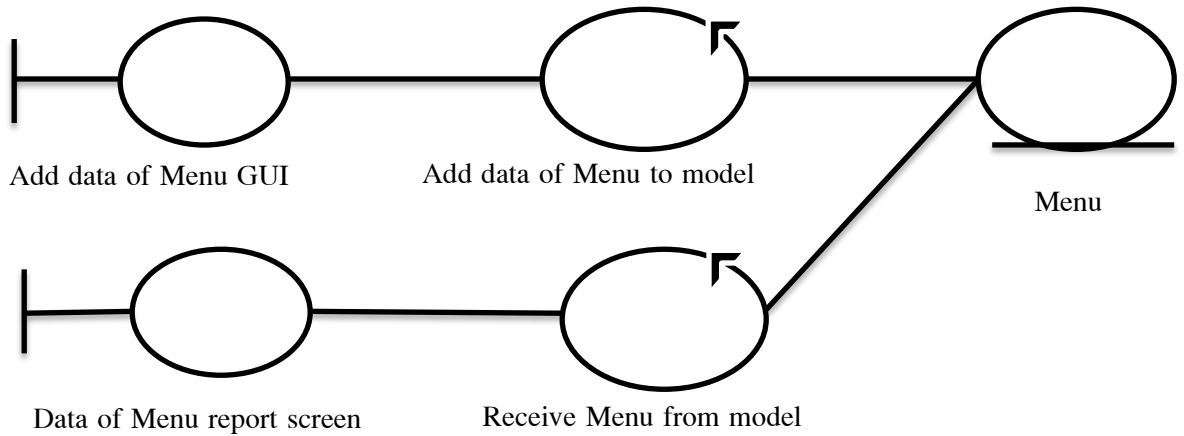
3. Menu Management (Tunyared Khiawtong 5730213035)

3.1 View Menu Data



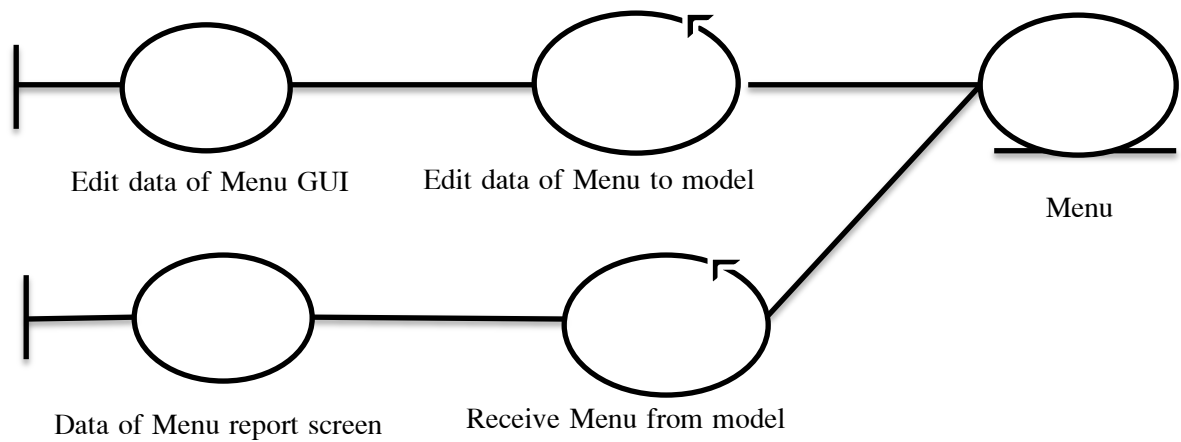
(Tunyared Khiawtong 5730213035)

3.2 Add Menu Data



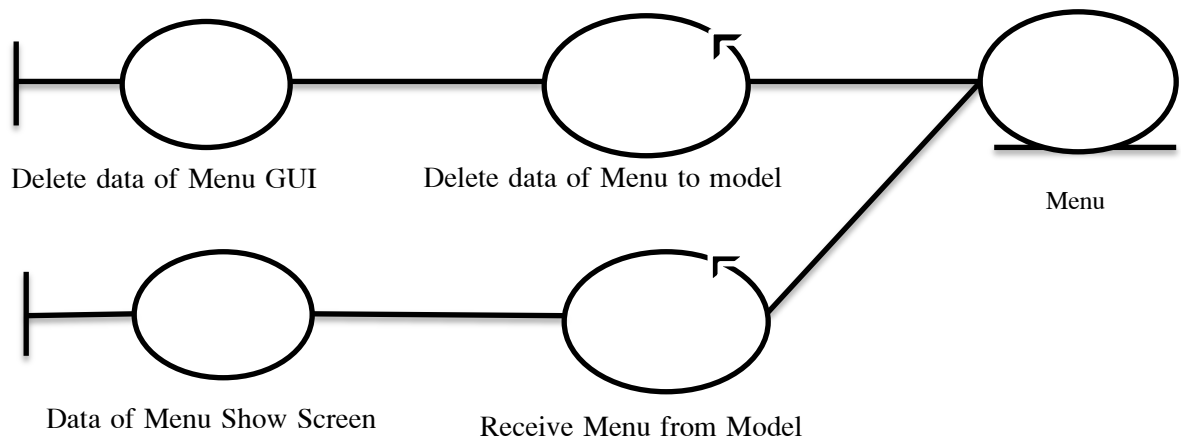
(Tunyared Khiawtong 5730213035)

3.3 Edit Menu Data



(Tunyared Khiawtong 5730213035)

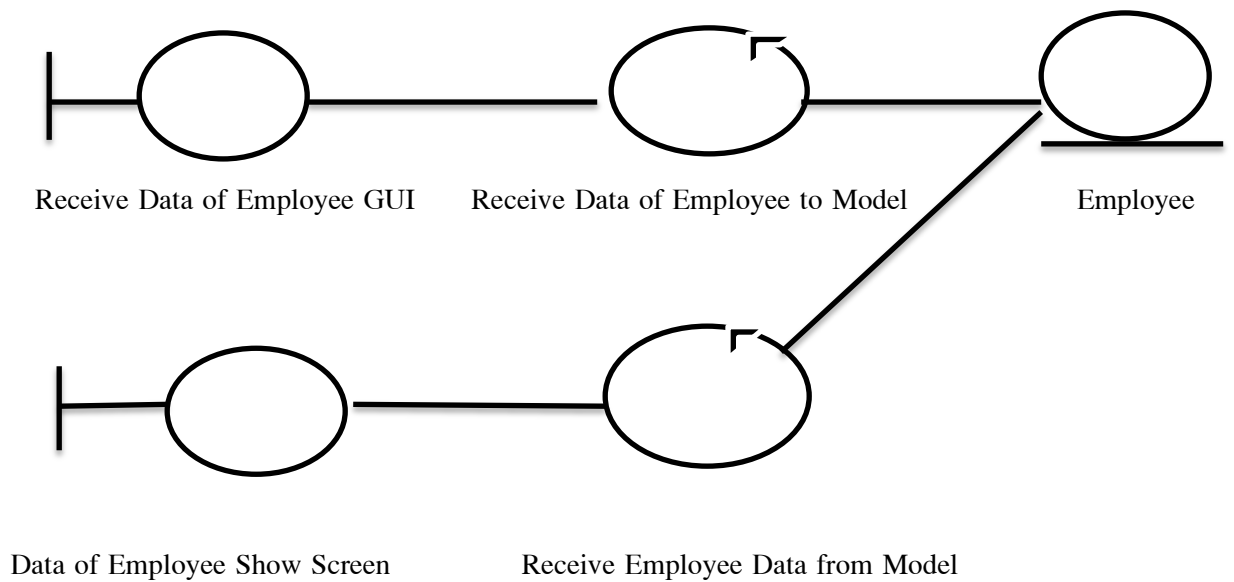
3.4 Delete Menu Data



(Tunyared Khiawtong 5730213035)

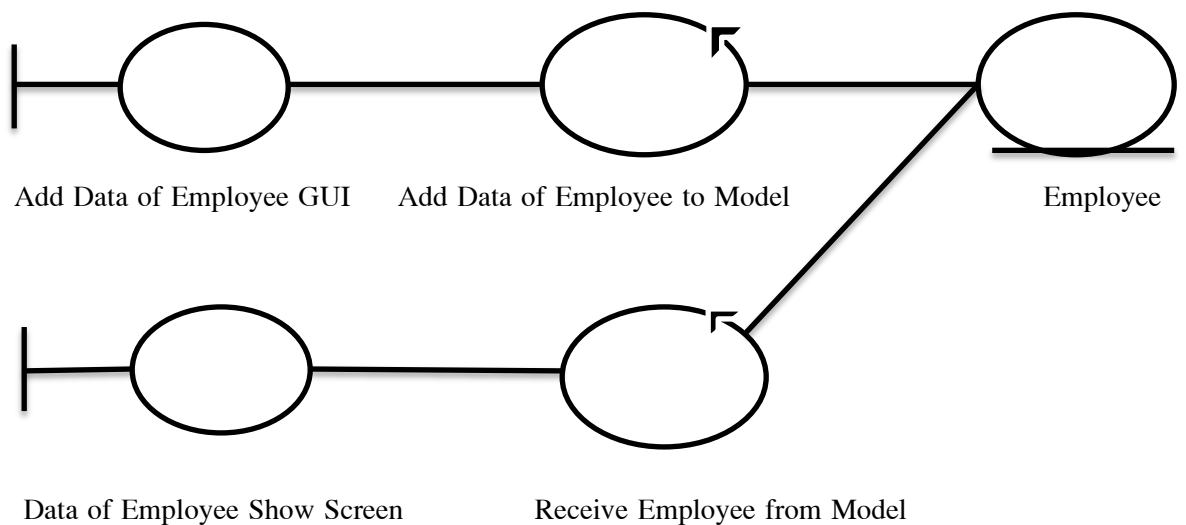
4. Employee Management (Passakorn Rattanaprapan 5730213067)

4.1 View Employee Data



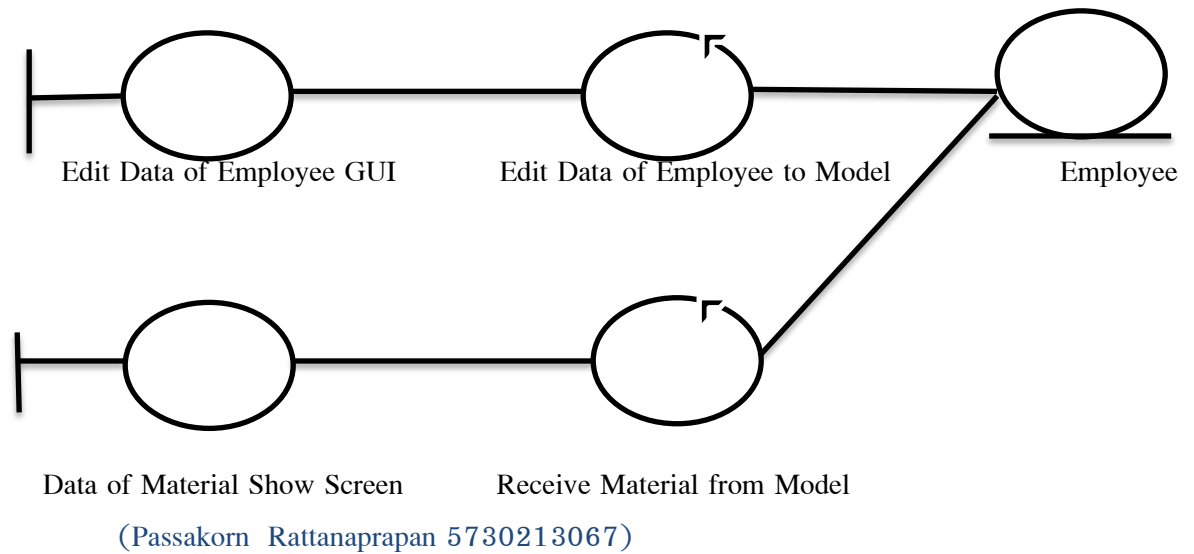
(Passakorn Rattanaprapan 5730213067)

4.2 Add Employee Data

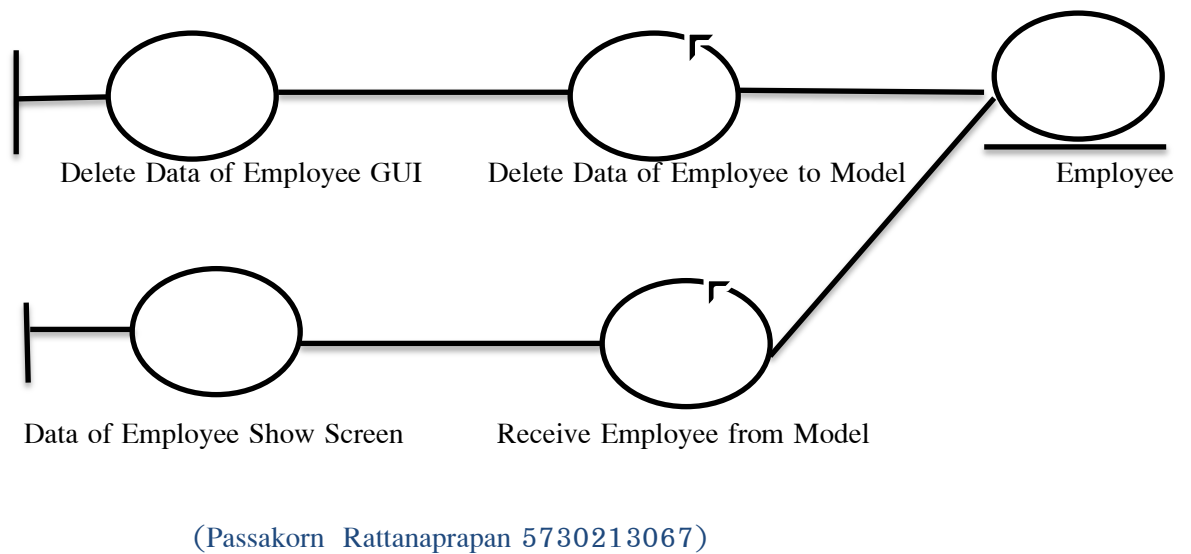


(Passakorn Rattanaprapan 5730213067)

4.3 Edit Employee Data

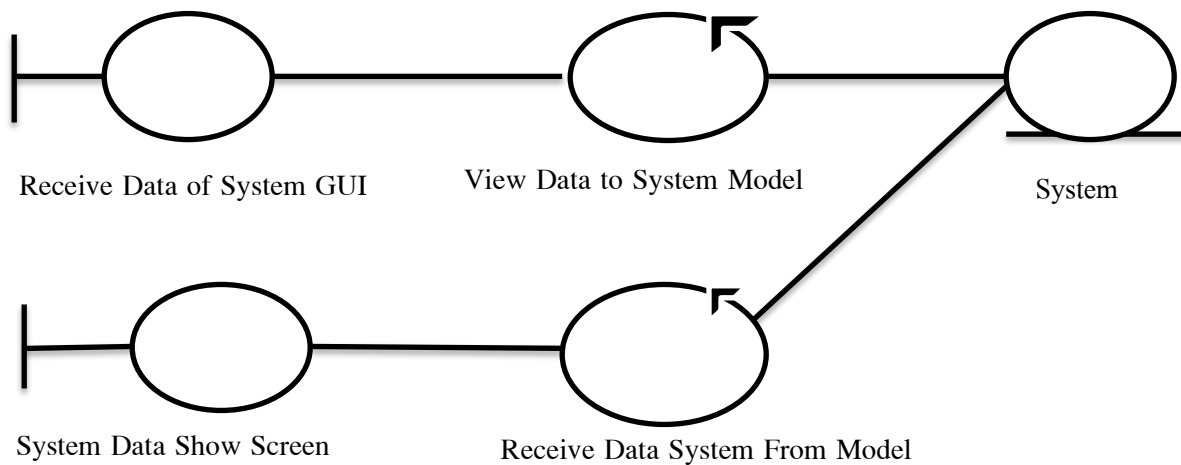


4.4 Delete Employee Data



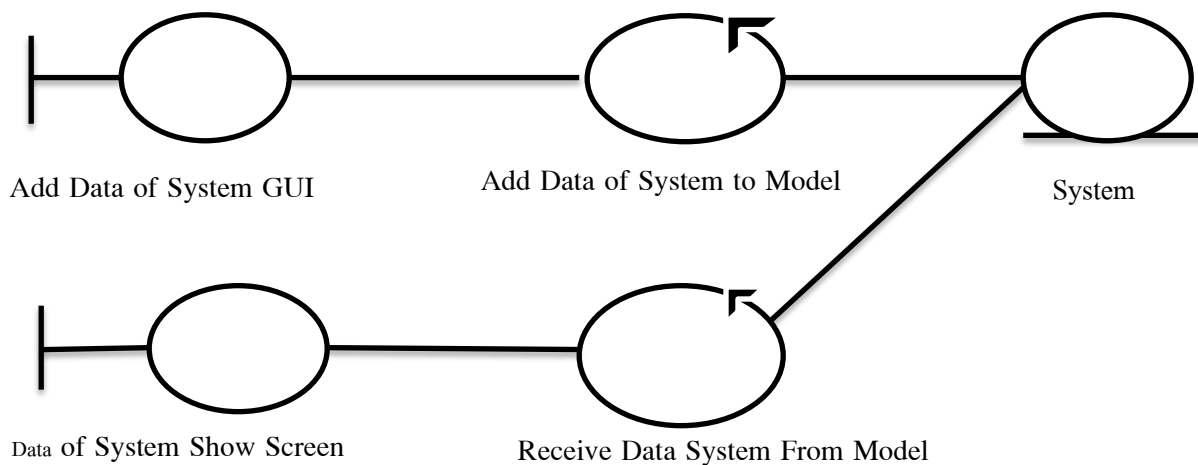
5. System Management (Savinee Jitjarak 5730213094)

5.1 View System Data



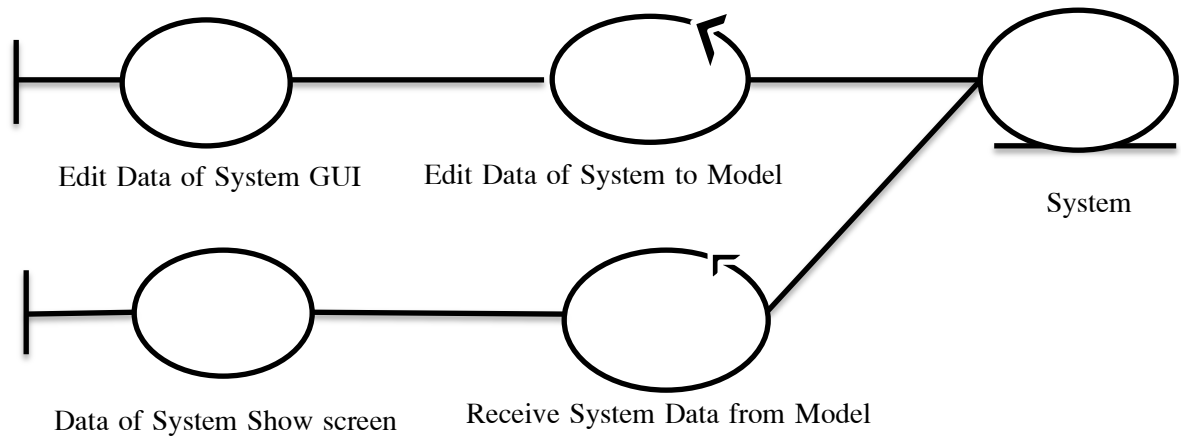
(Savinee Jitjarak 5730213094)

5.2 Add System Data



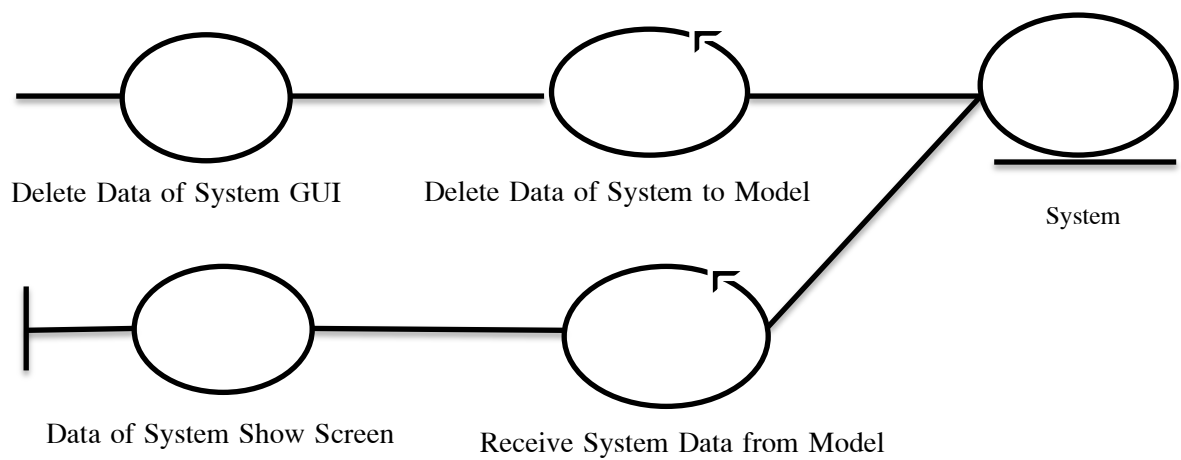
(Savinee Jitjarak 5730213094)

5.3 Edit System Data



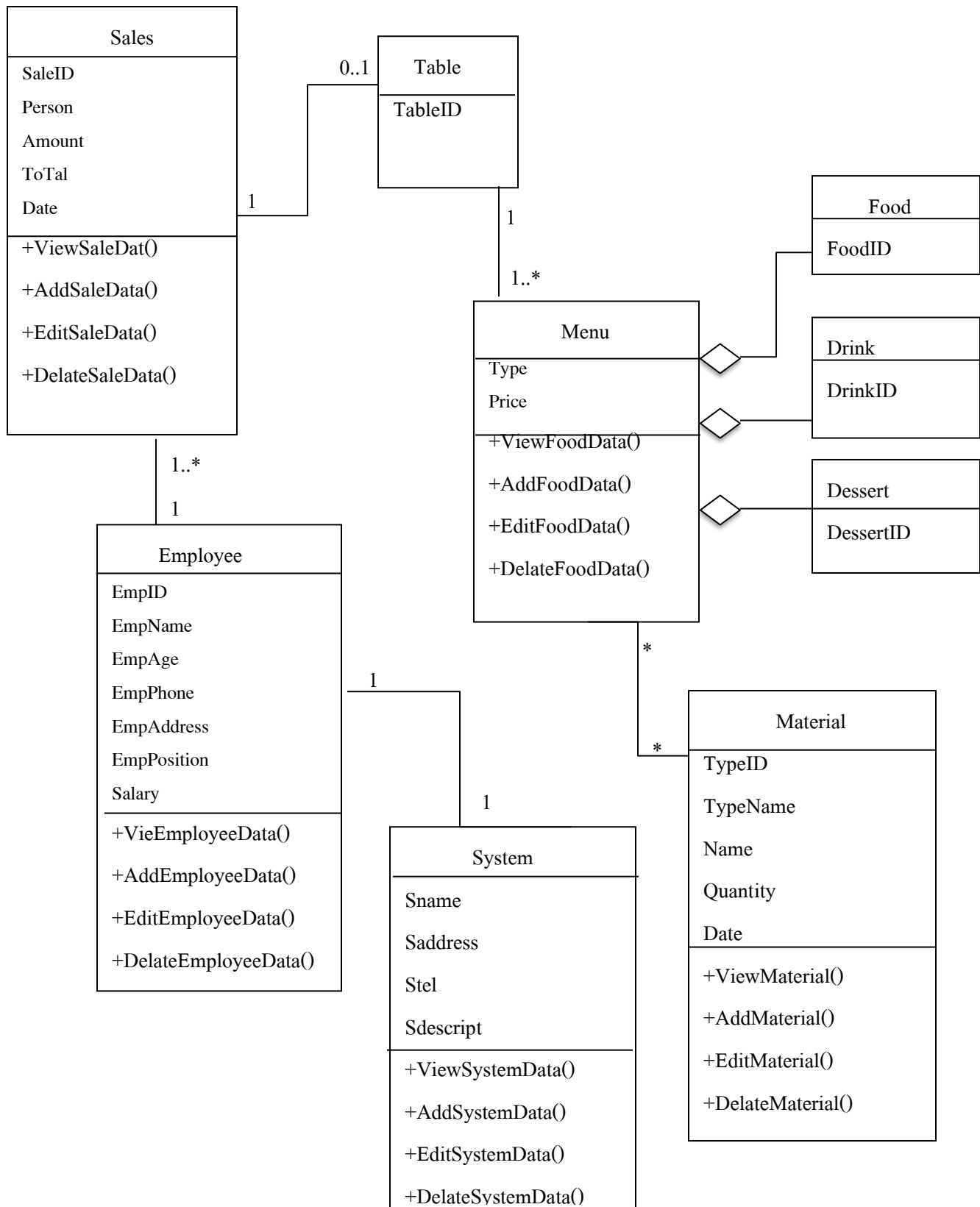
(Savinee Jitjarak 5730213094)

5.4 Delete System Data



(Savinee Jitjarak 5730213094)

Coffee POS System

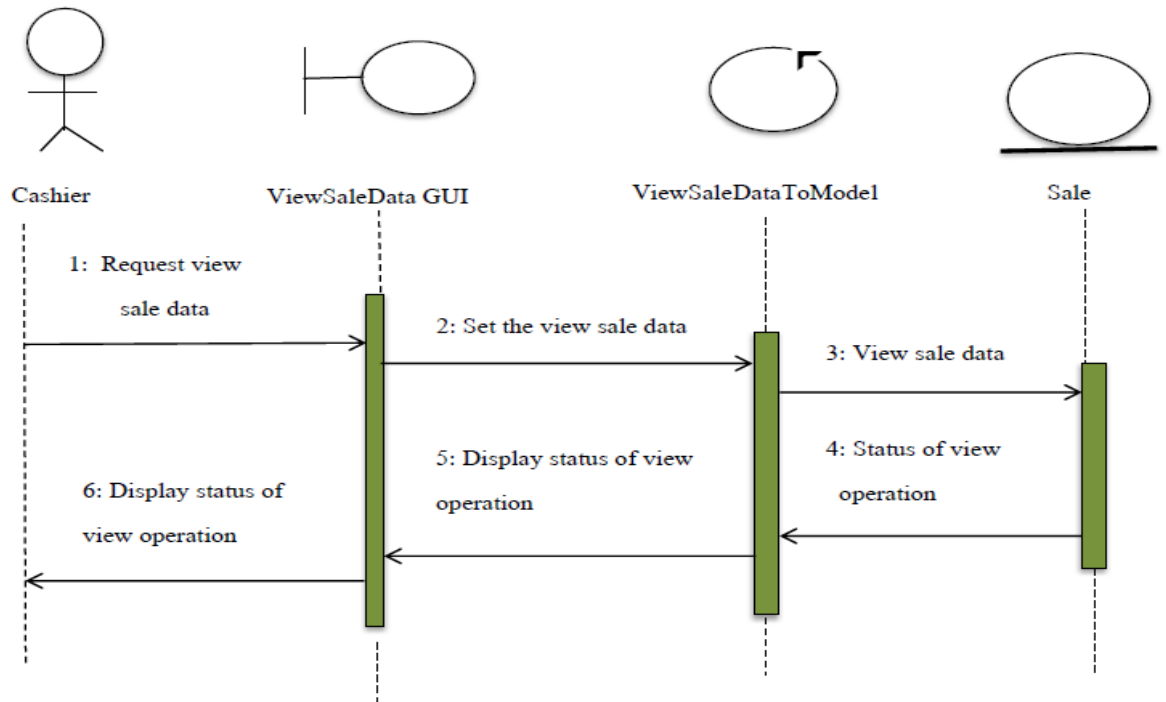


5. System Behaviour Model

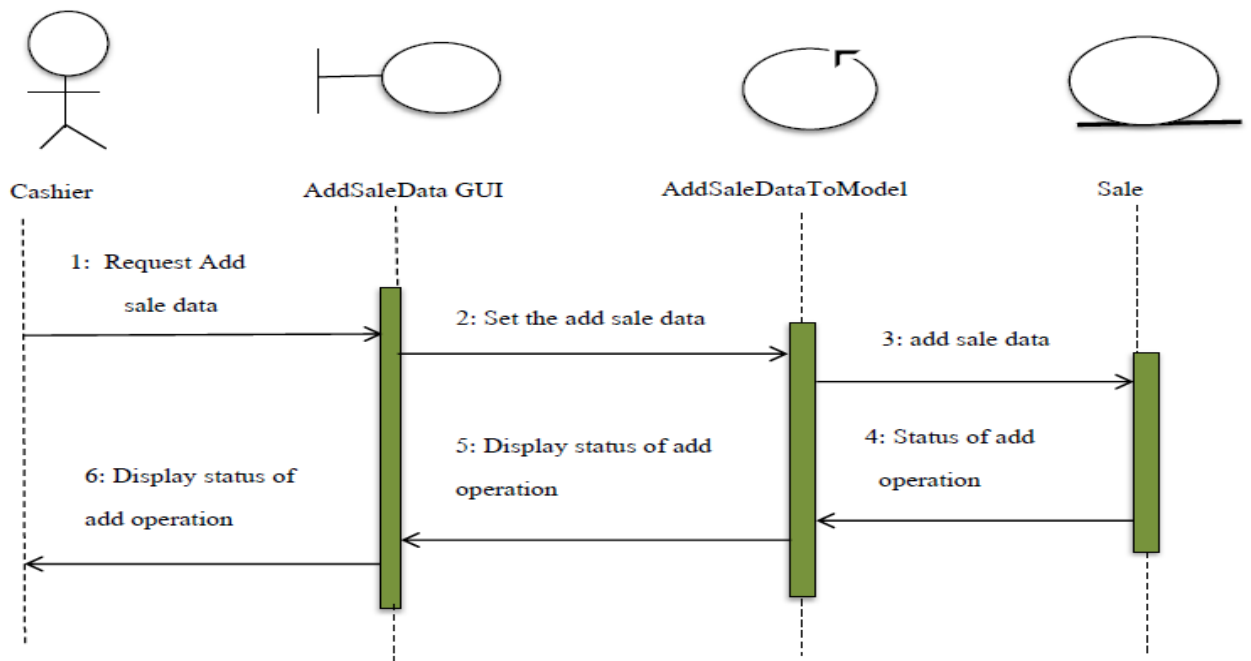
Sequence Diagram

1. Sales Management (Vachira Mas-osot 5730213045)

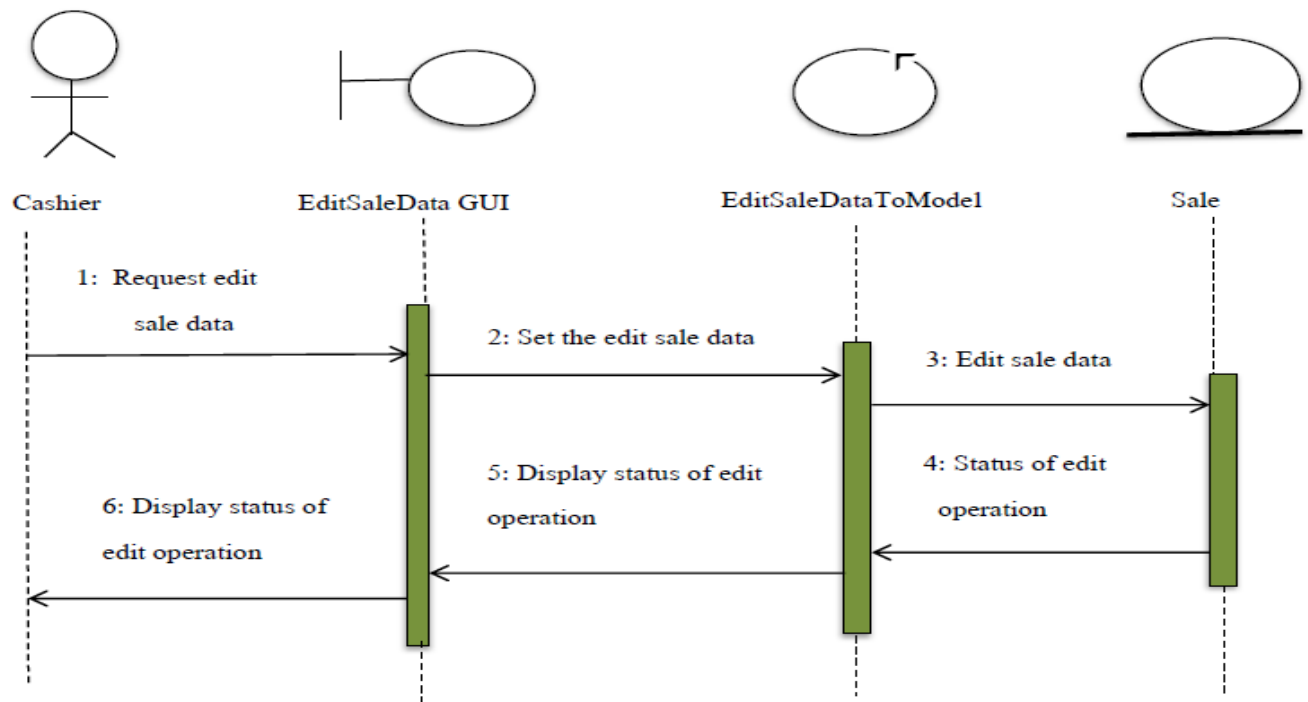
1.1 View Sale Data



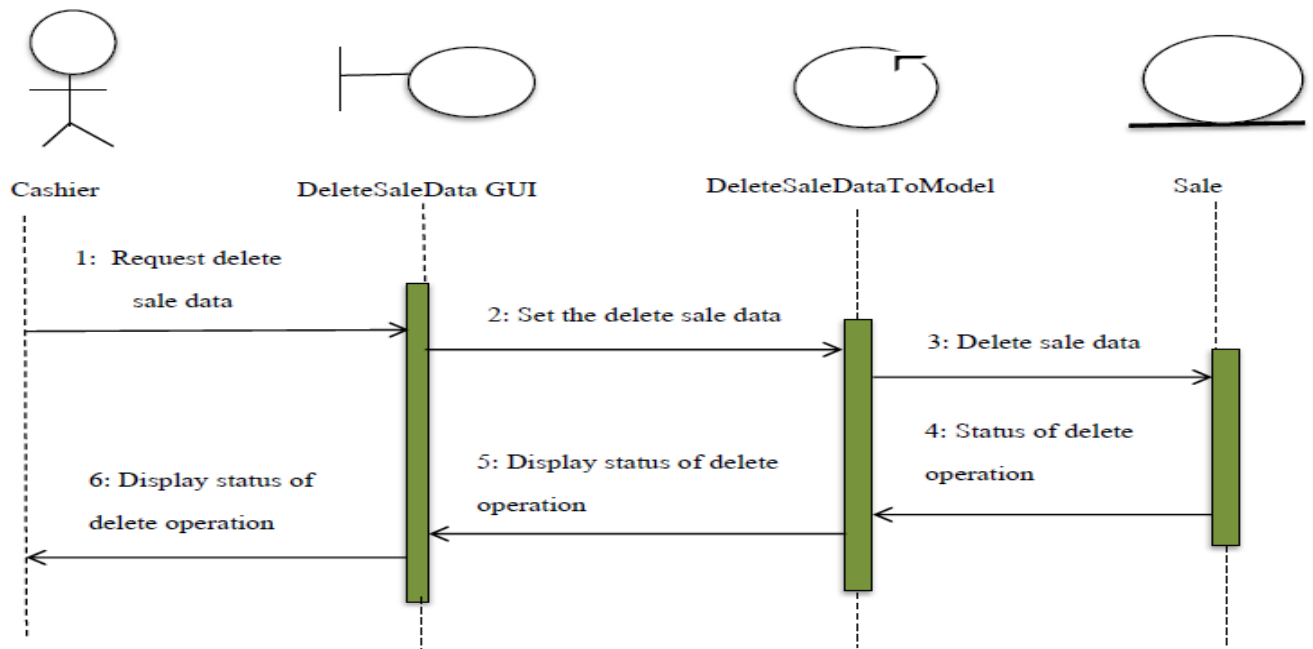
1.2 Add Sale Data



1.3 Edit Sale Data

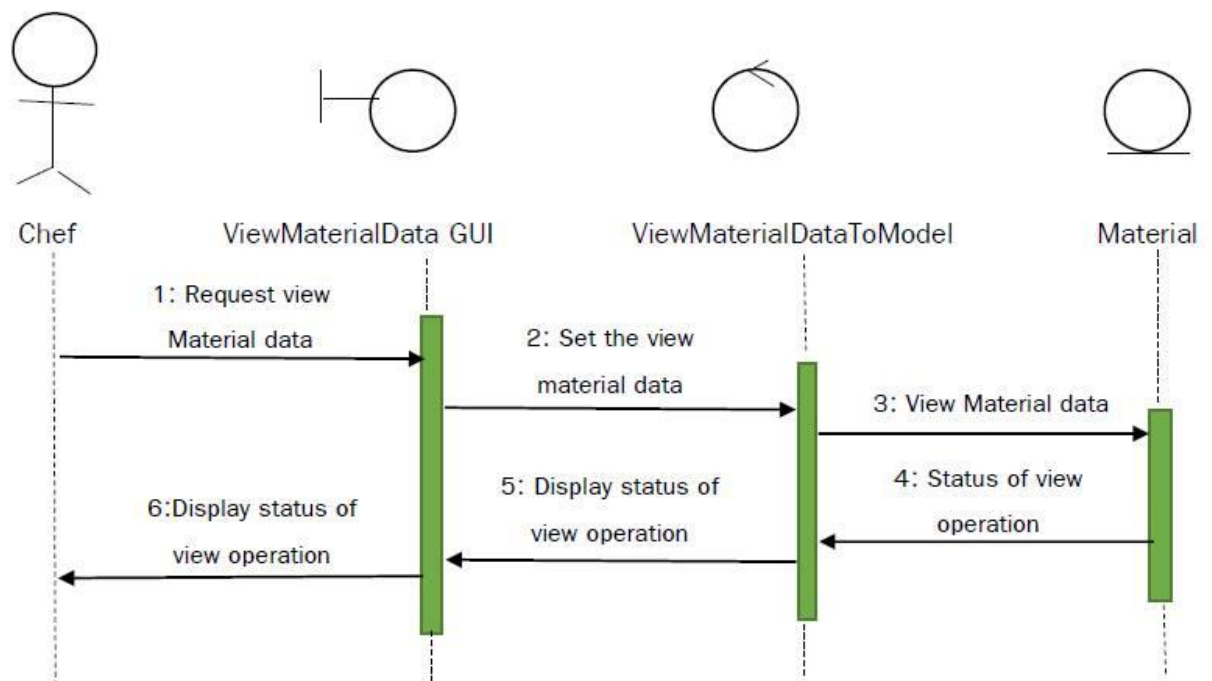


1.4 Delete Sale Data

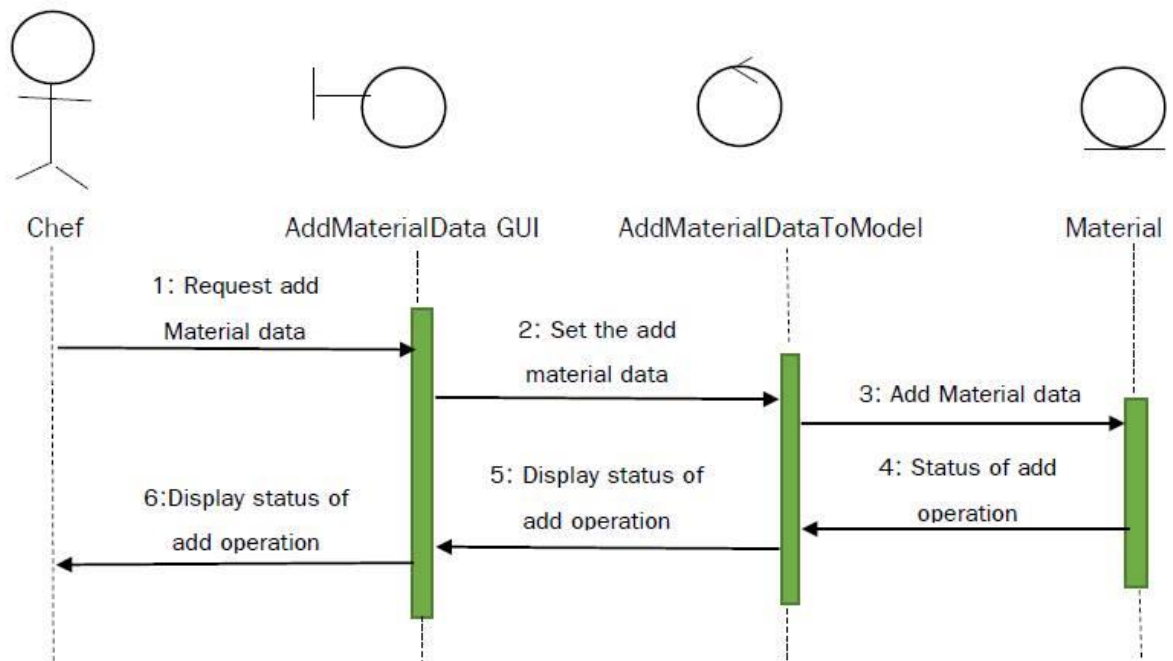


2. Material Management (Sutita Saraya 5730213009)

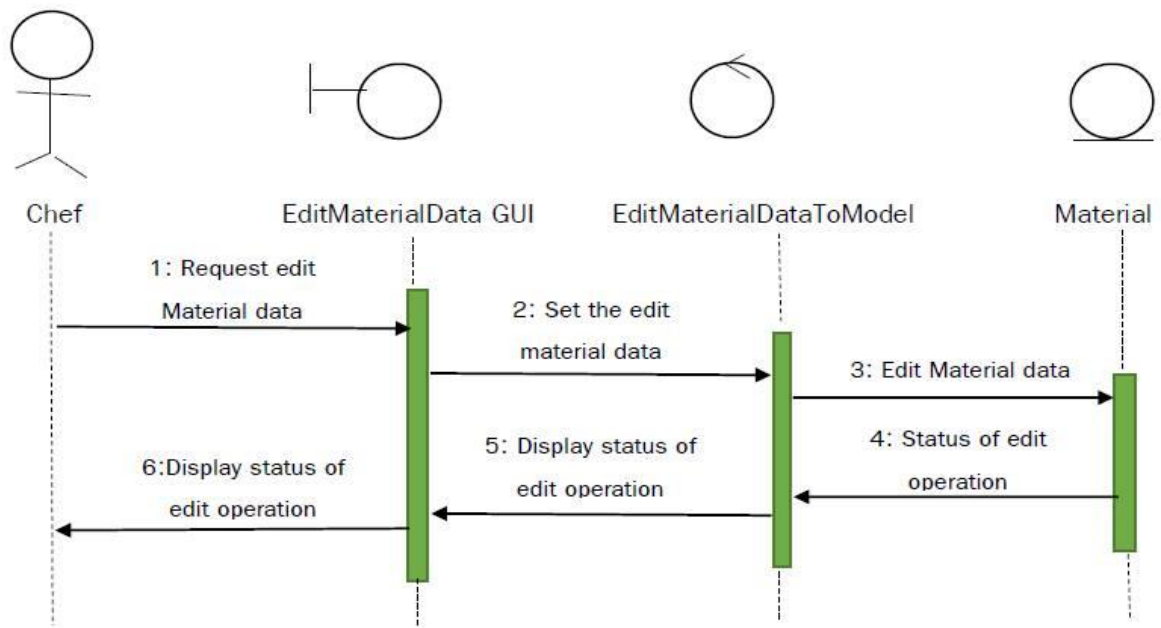
2.1 View Material Data



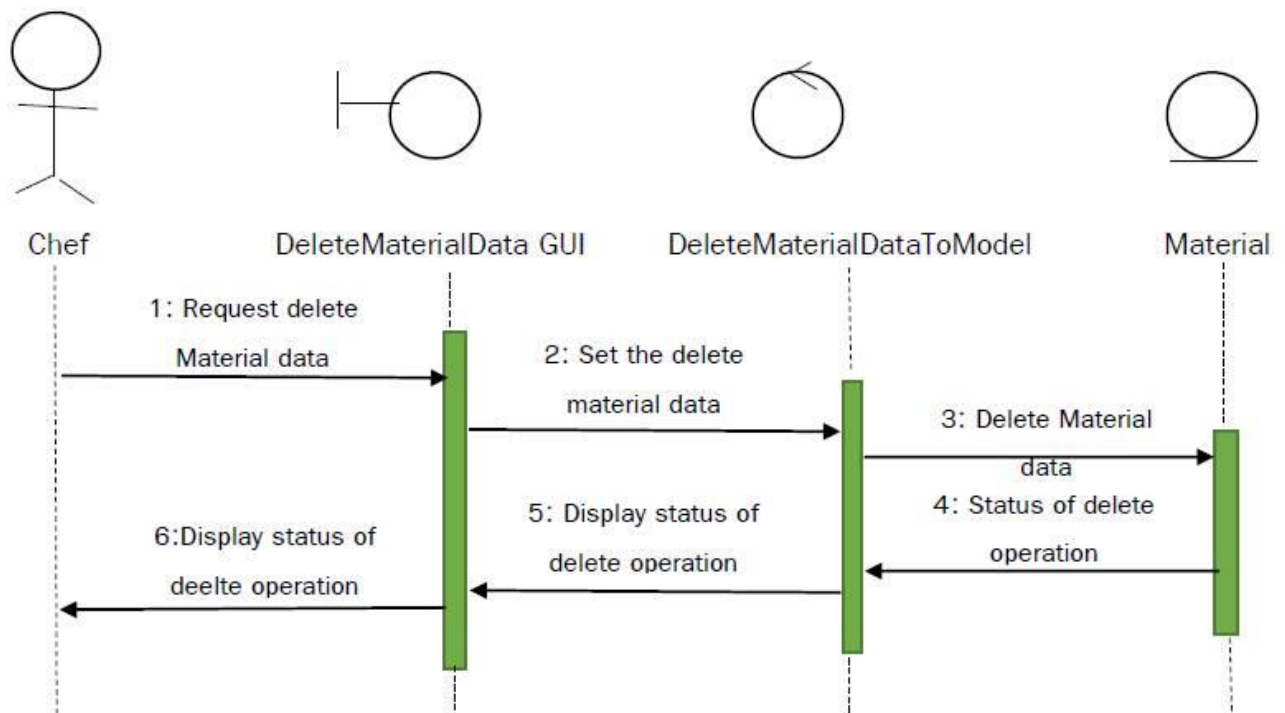
2.2 Add Material Data



2.3 Edit Material Data

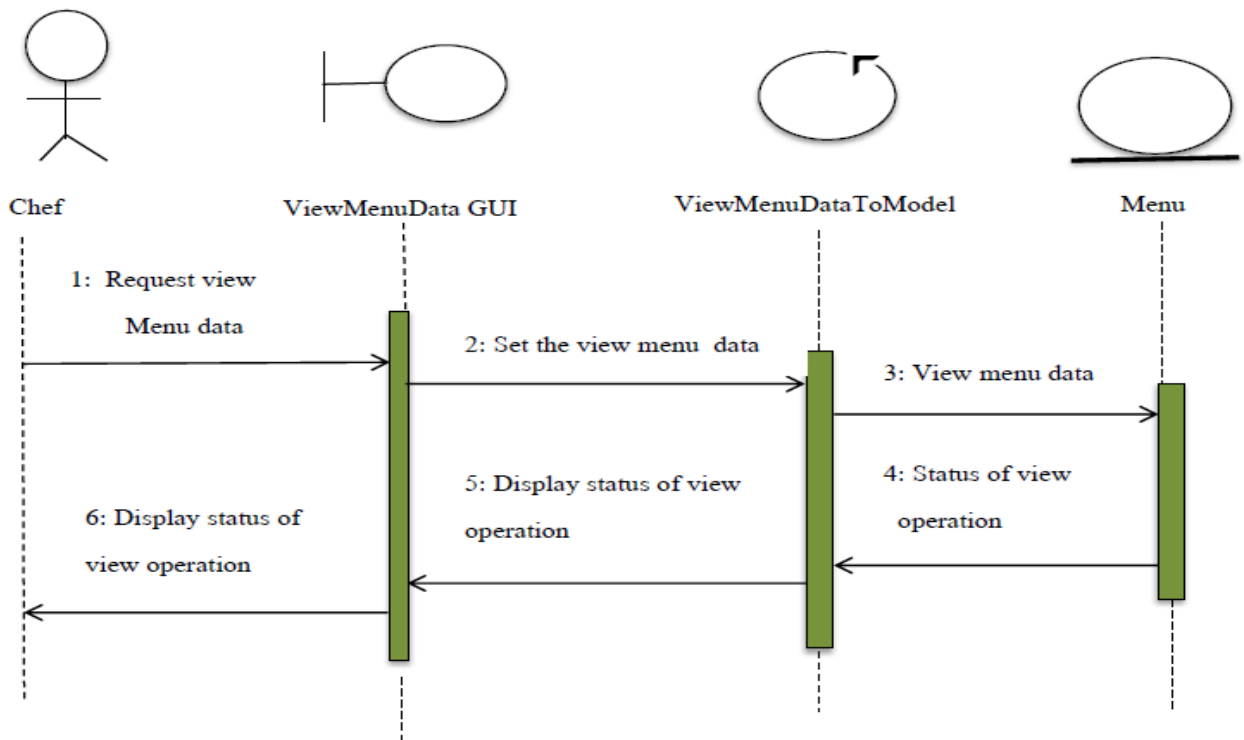


2.4 Delete Material Data

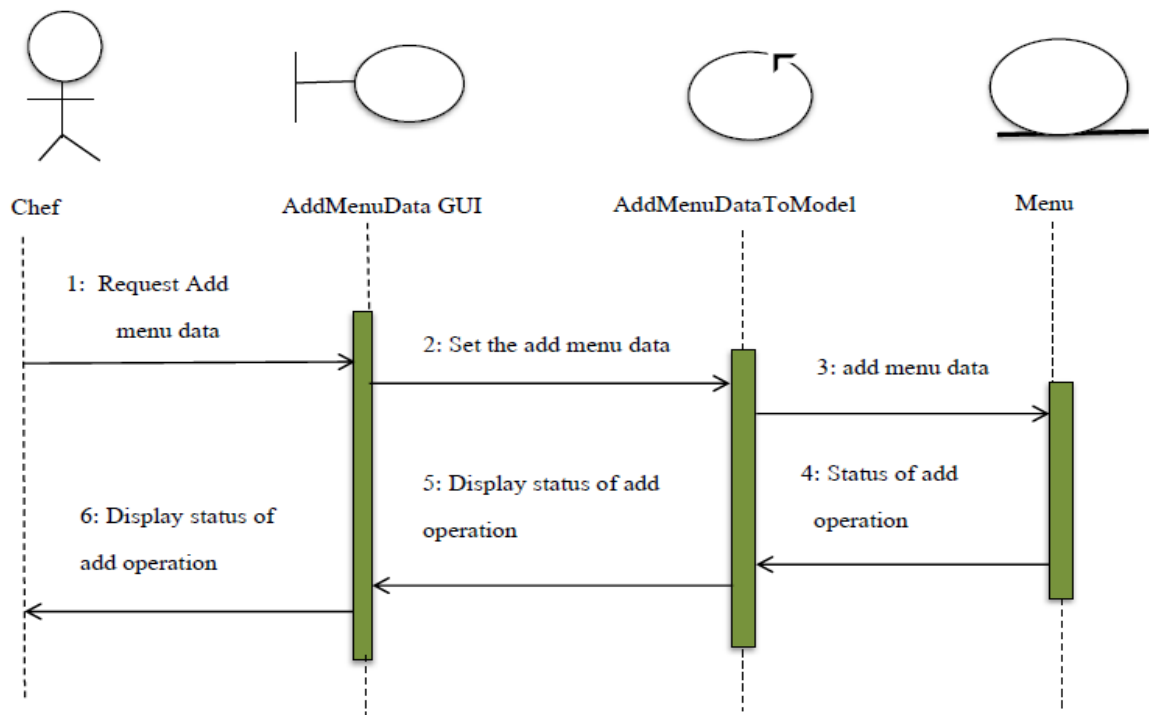


3. Menu Management (Tunyared Khiawtong 5730213035)

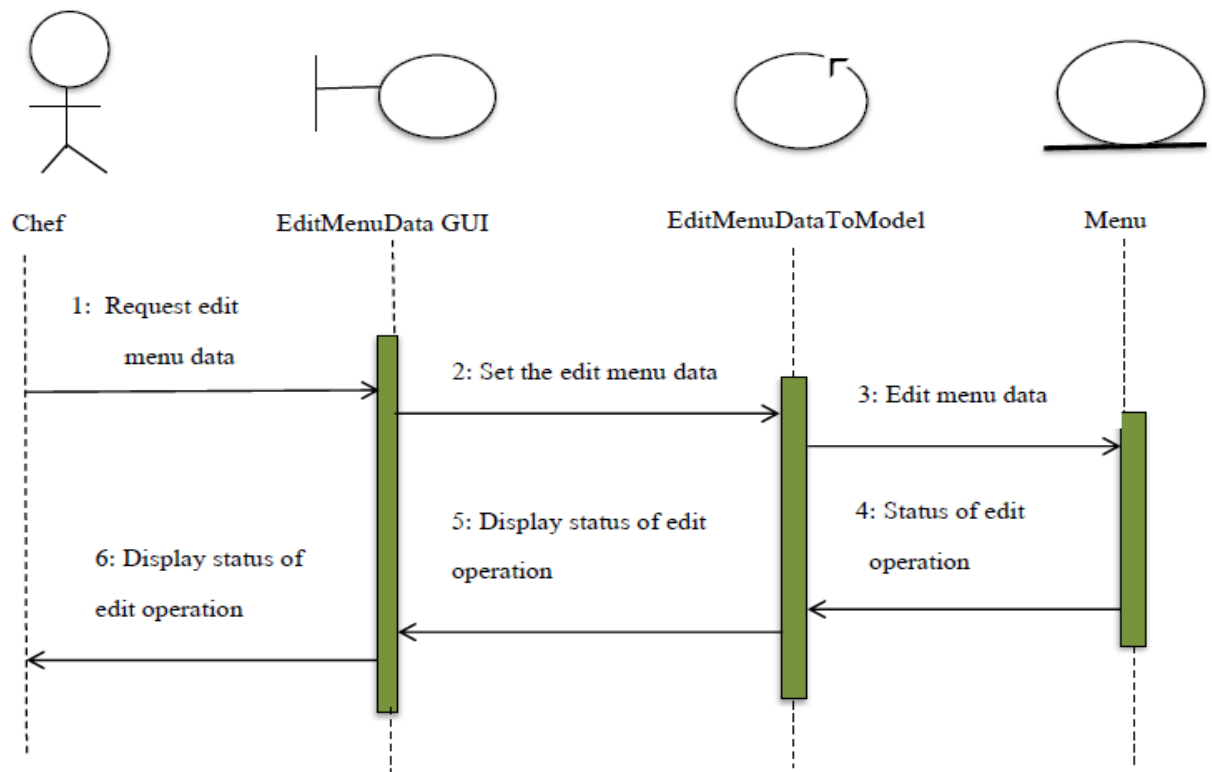
3.1 View Menu Data



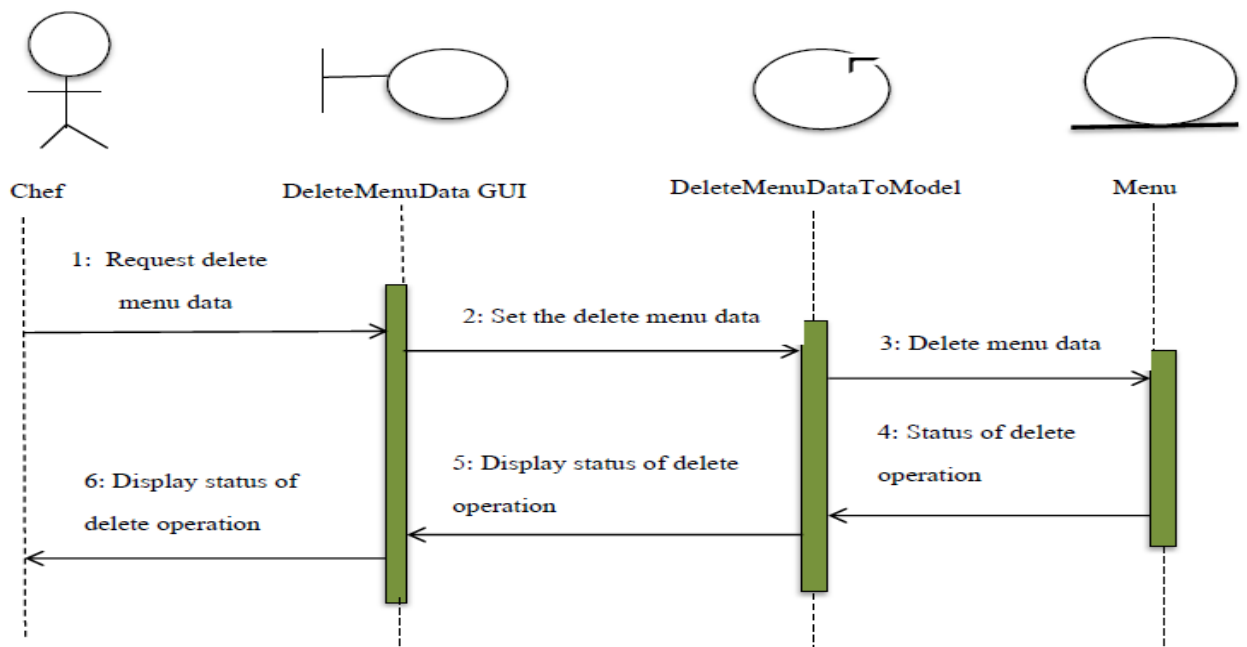
3.2 Add Menu Data



3.3 Edit Menu Data

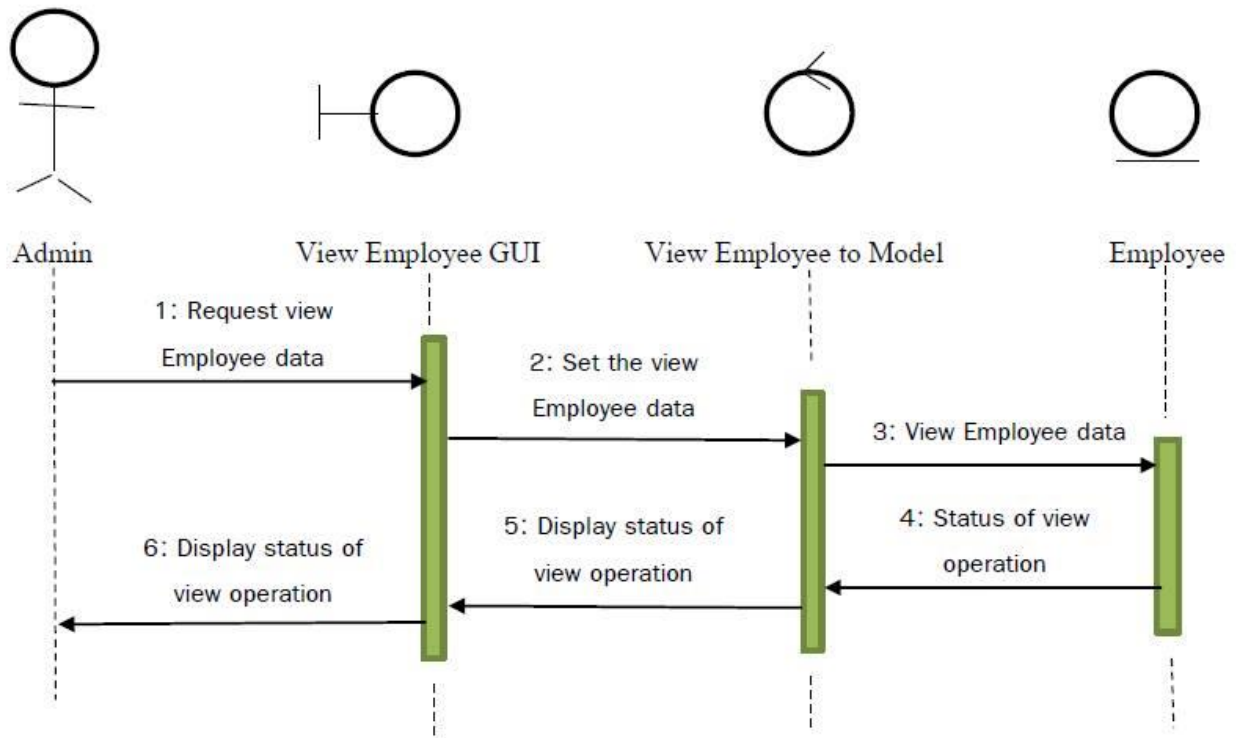


3.4 Delete Menu Data

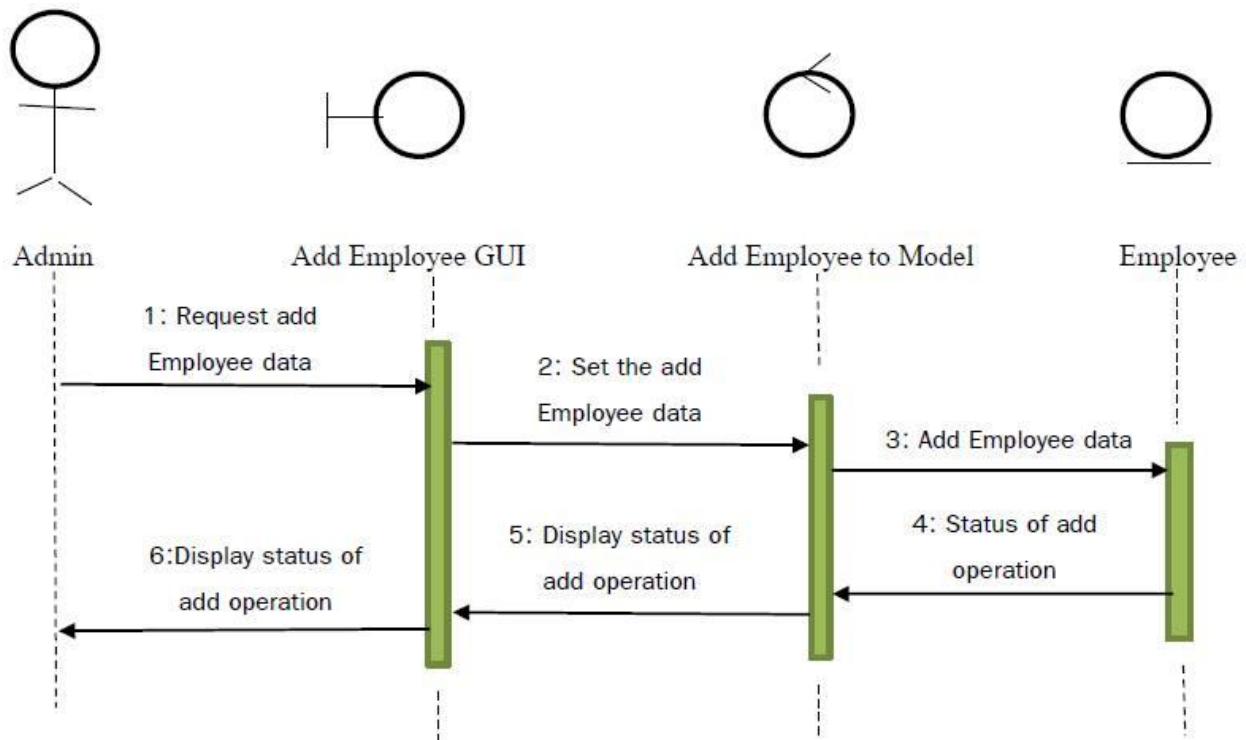


4. Employee Management (Passakorn Rattanaprapan 5730213067)

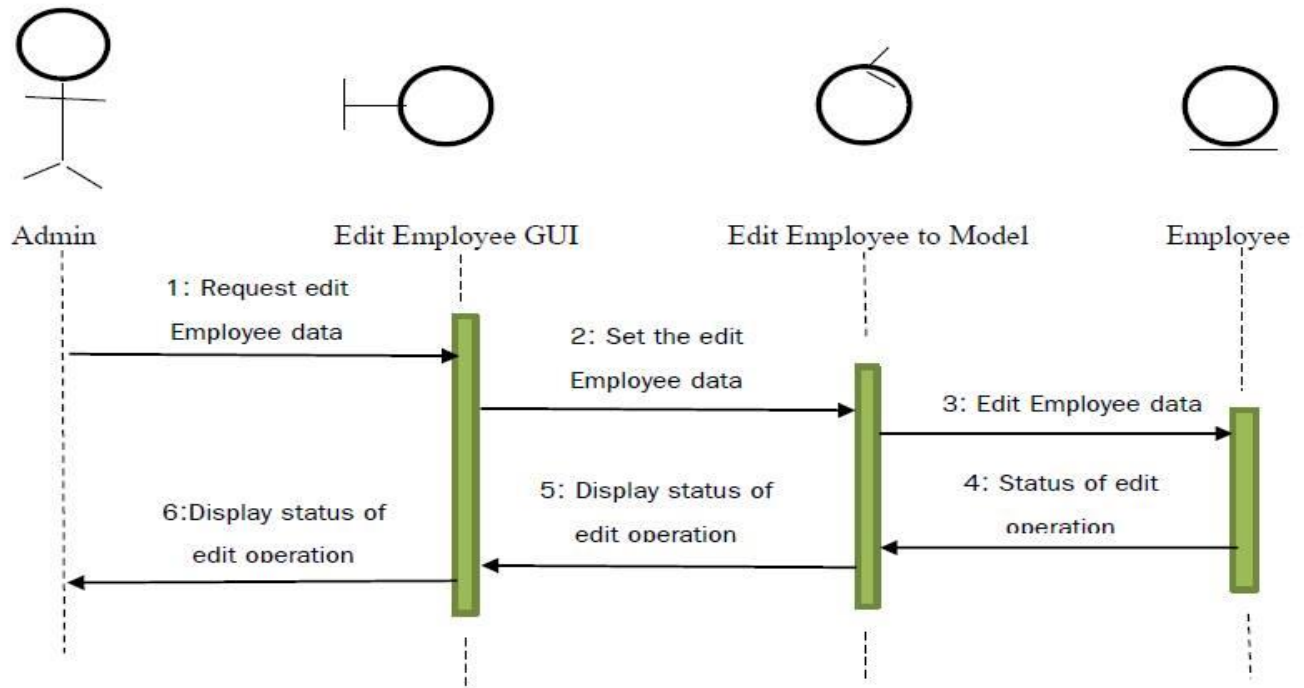
4.1 View Employee Data



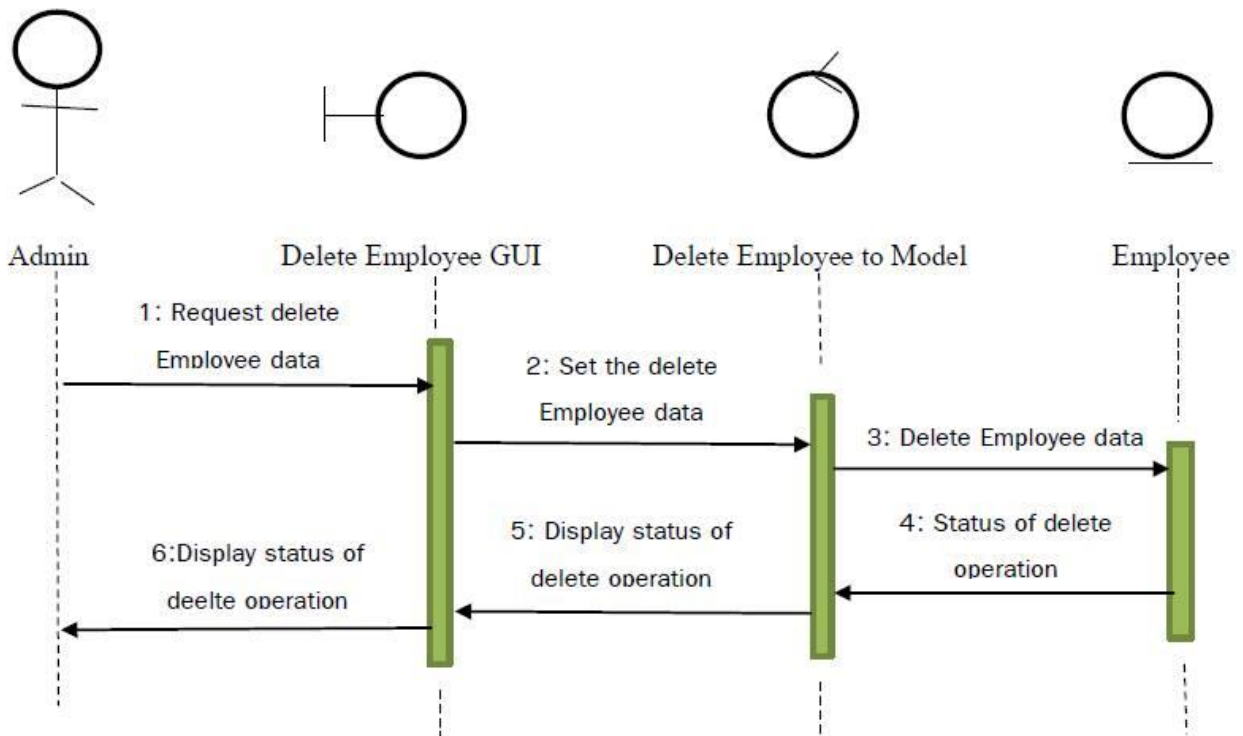
4.2 Add Employee Data



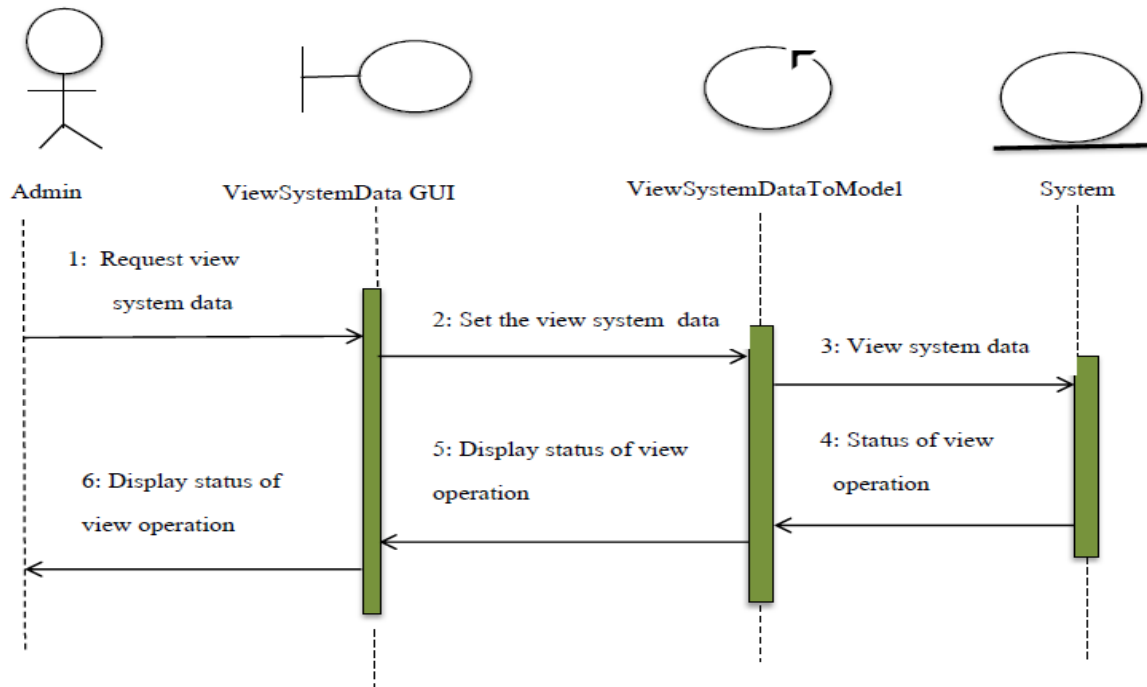
4.3 Edit Employee Data



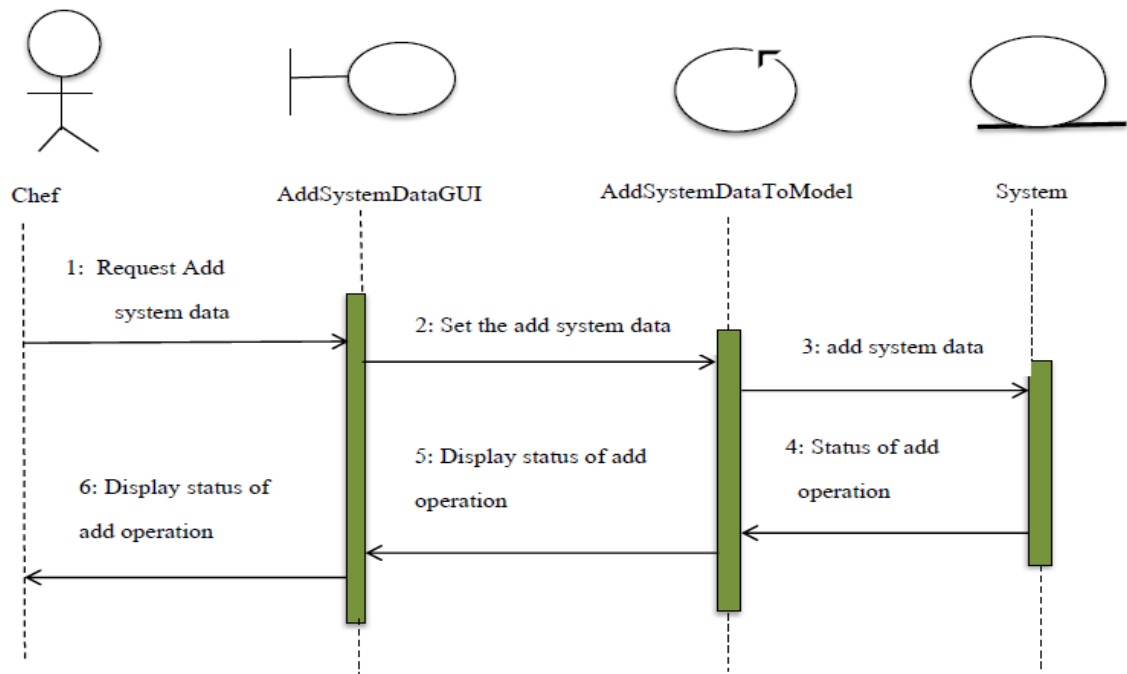
4.4 Delete Employee Data



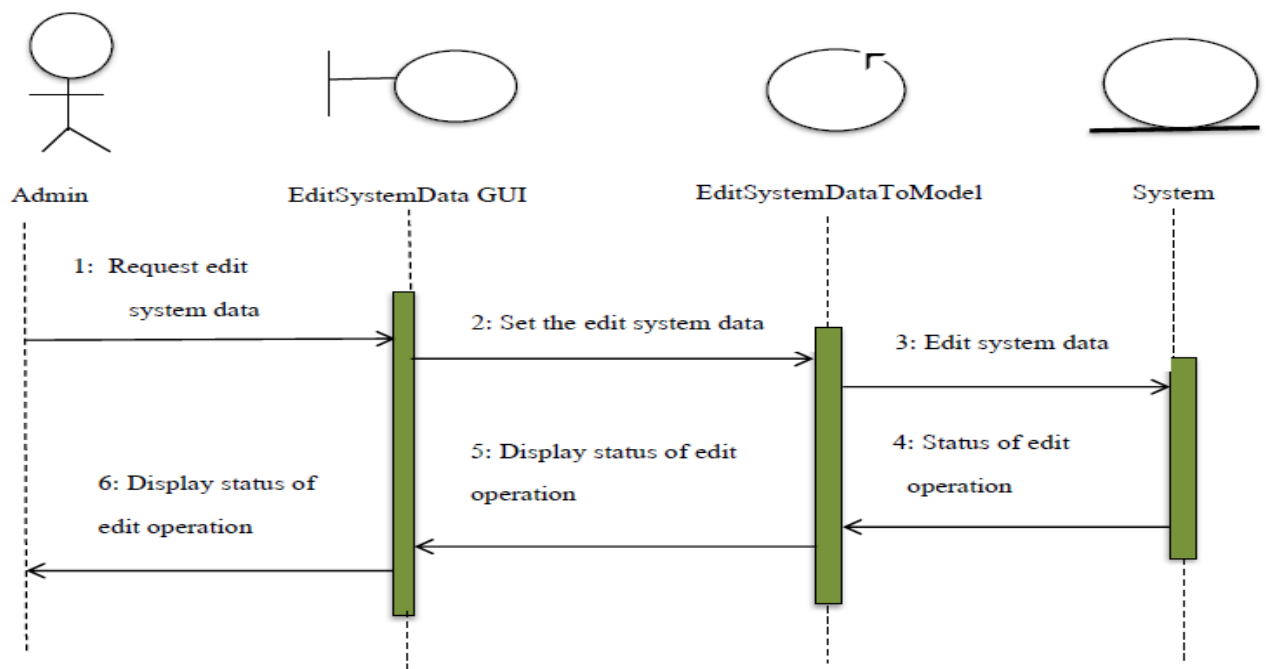
4.3 View System data



4.4 Add System Data



4.5 Edit System data



4.6 Delete System data

