



**Management Apartment System**  
**Apartment System**

Version 1.1

Prepare by

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31/October/2016

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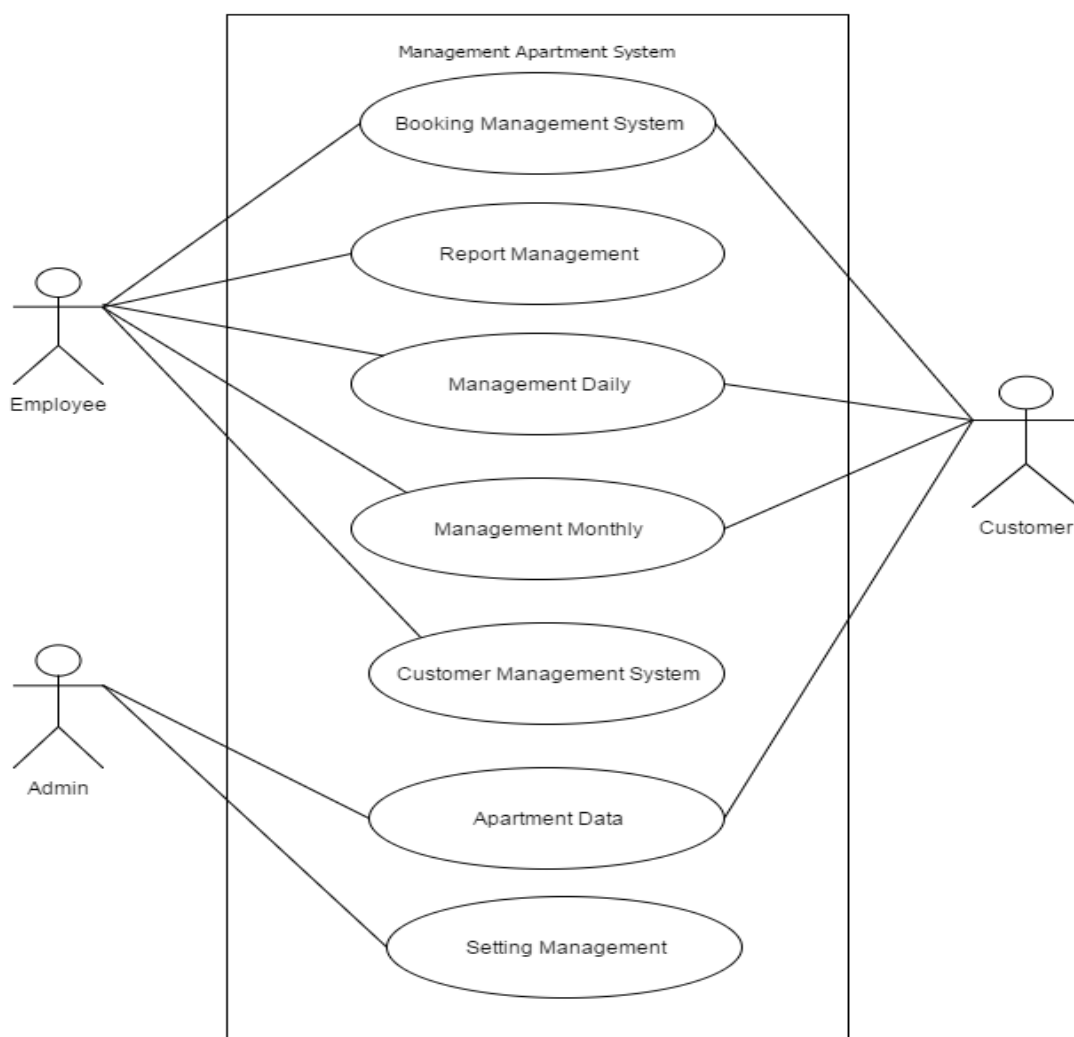
## 1.Revision History

Revision History identify changes to the Design Document

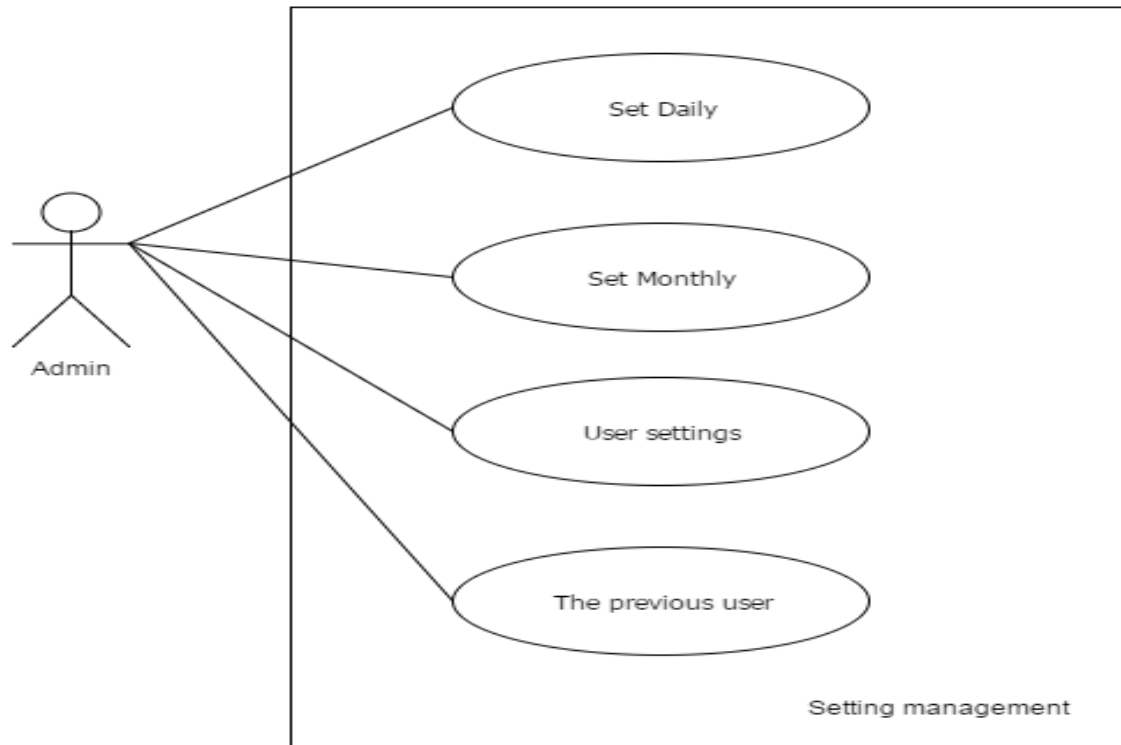
Name	Date	Description	Version
Apartment system	31/09/2559	Make to Apartment System	Apartment Management

## 2. Use Case Overview

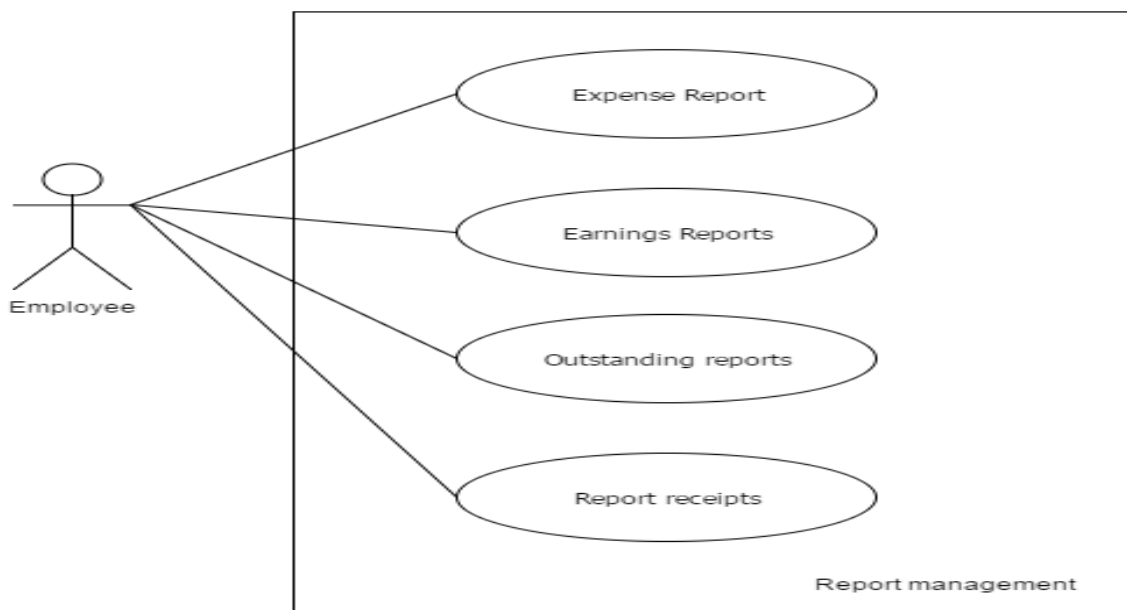
### Use Case Diagram Level 0: Management Apartment System



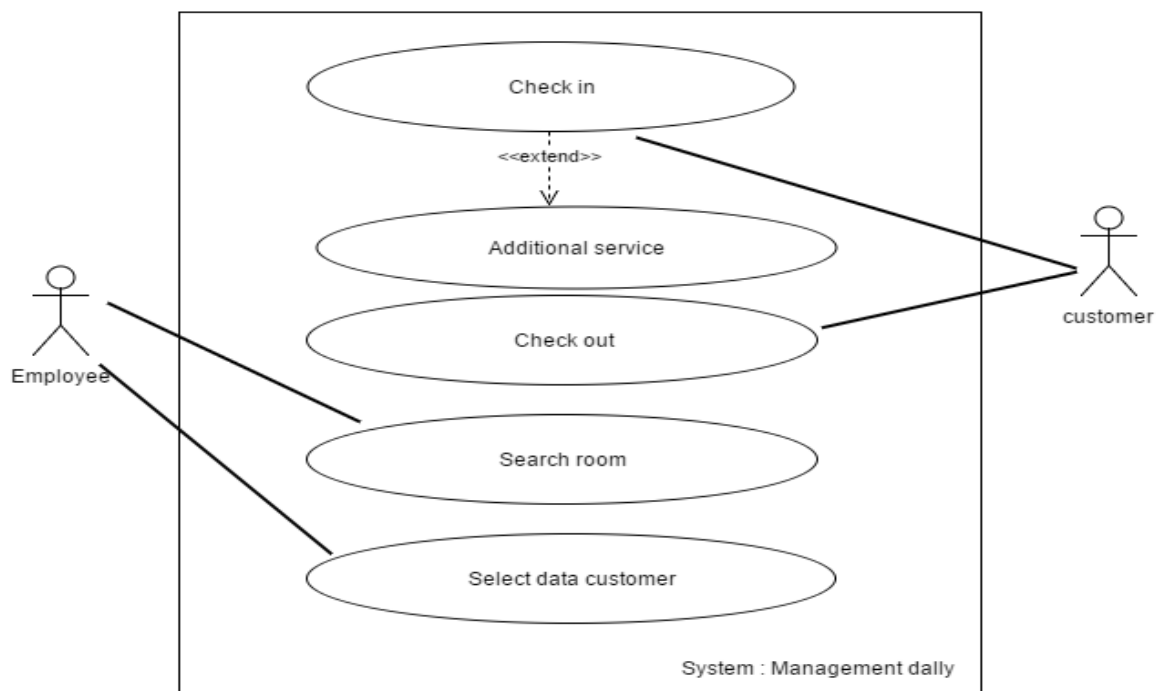
### Use Case Diagram Level 1: Setting management



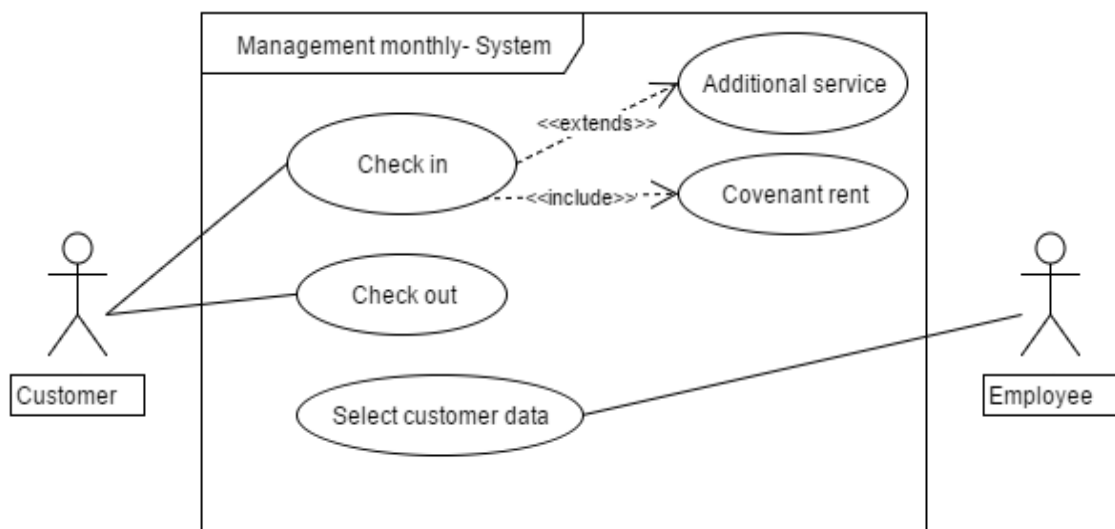
### Use Case Diagram Level 1: Report management



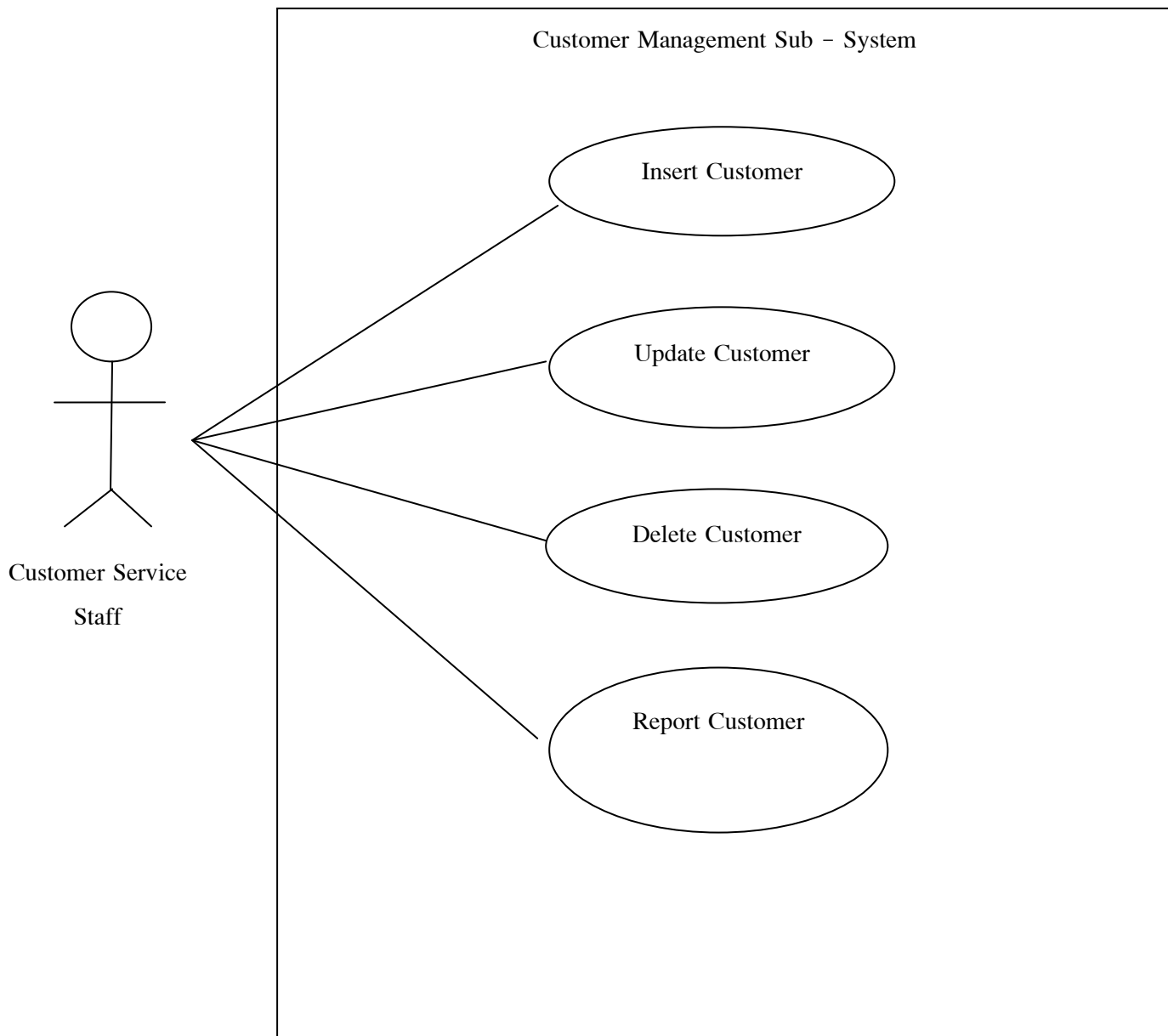
### Use Case Diagram Level 1: Management daily



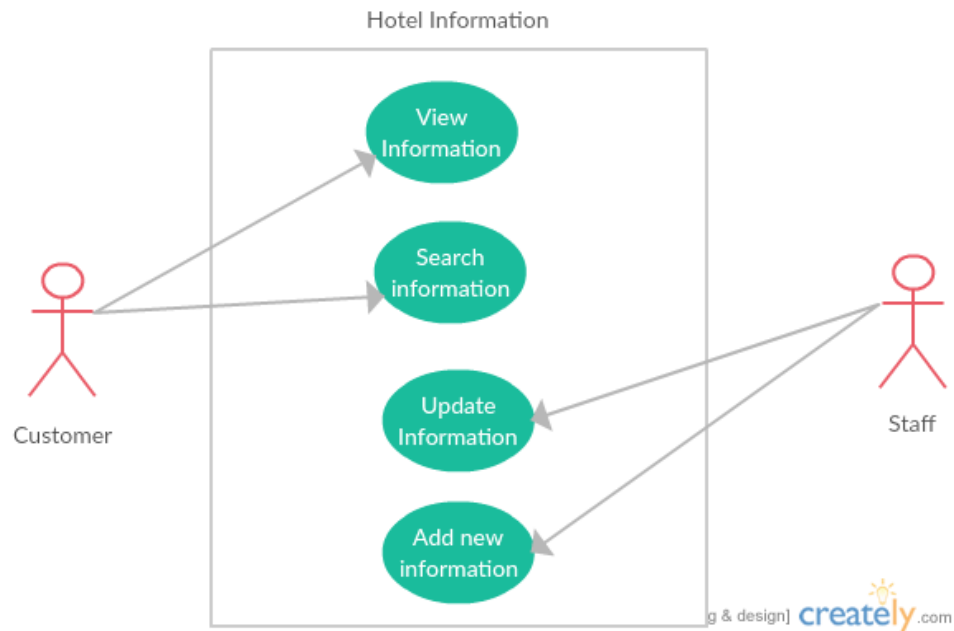
### Use Case Diagram Level1 : Management monthly



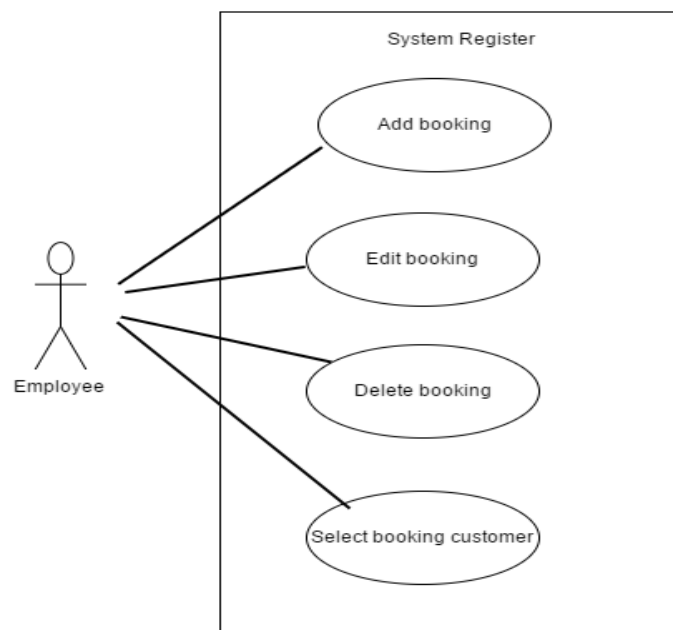
## Use Case Diagram Level 1 : Customer Management System



### Use Case Diagram Level 1 : Hotel information

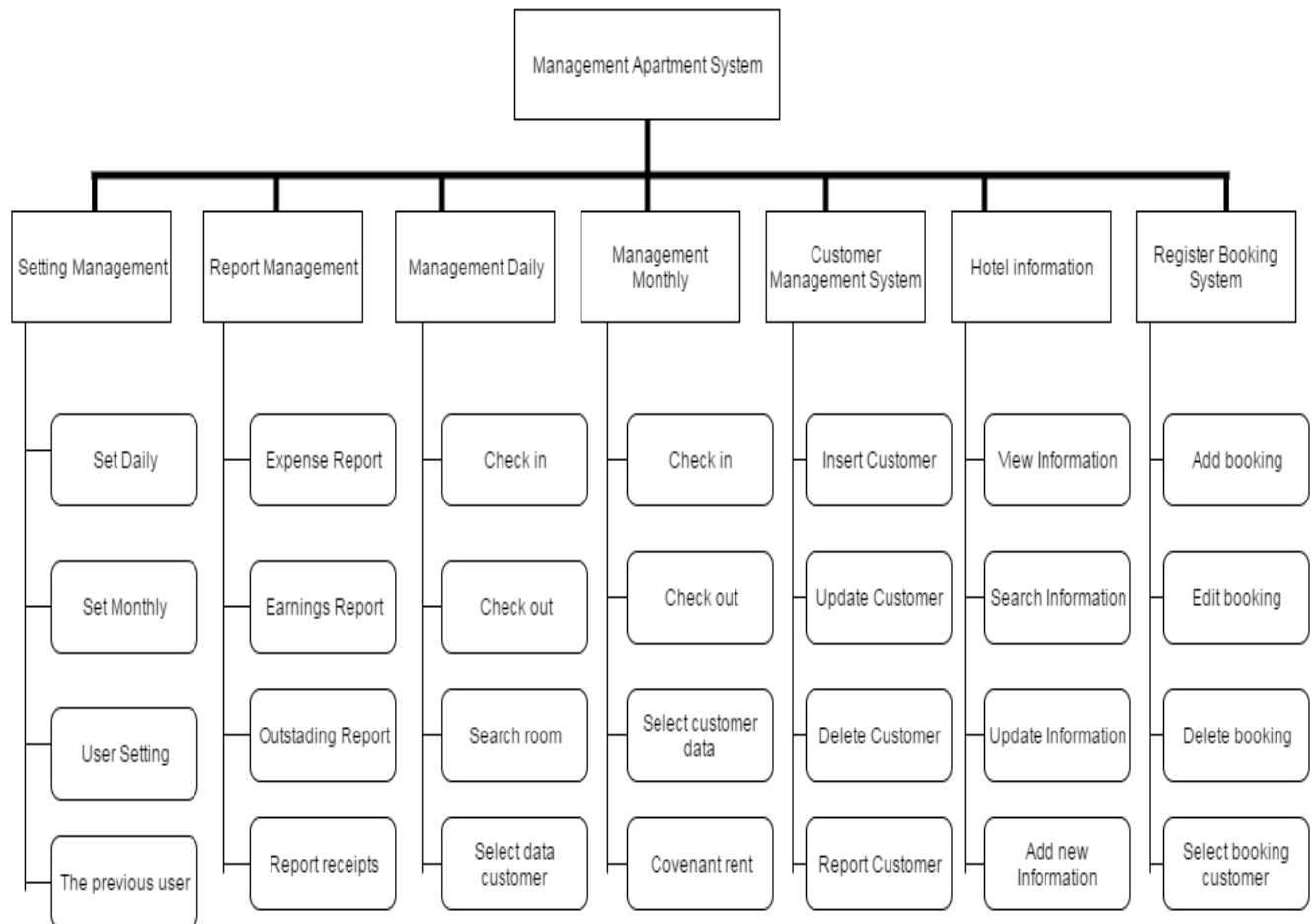


### Use Case Diagram Level 1 : Register Booking System



### 3.System Structure

This should use structure chart to express the breakdown of the system to the lowest manageable levels. It is used to show the hierarchical arrangement of the subsystems in a system. Each rectangular box represents a subsystems. The names of the subsystems are written inside the box. An arrow joins two subsystems that have an invocation relationship.



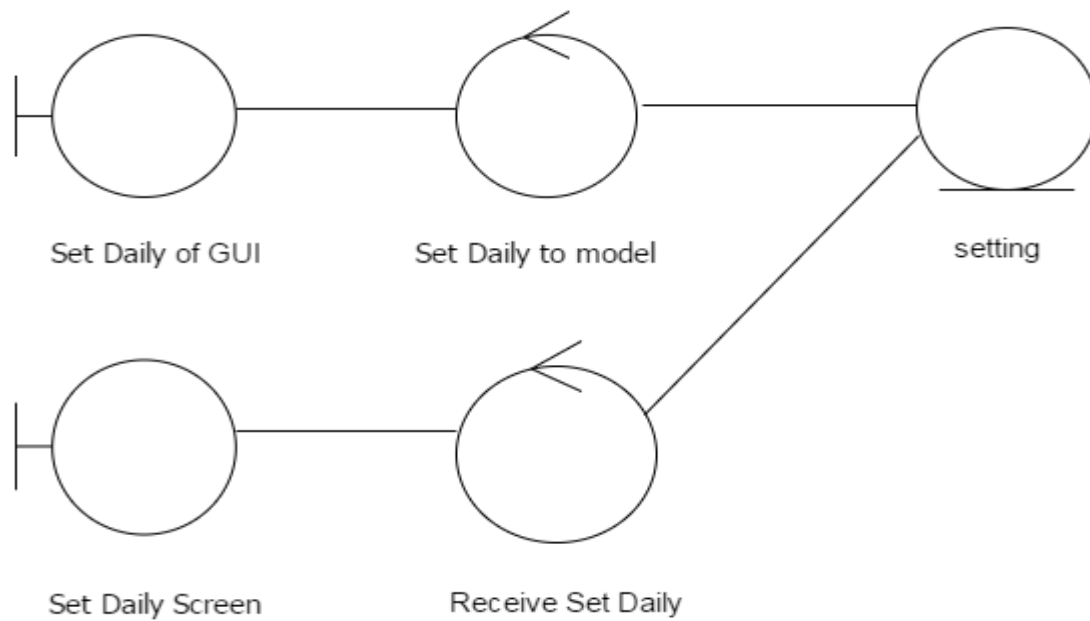


#### 4. Static Structure and Data Analysis

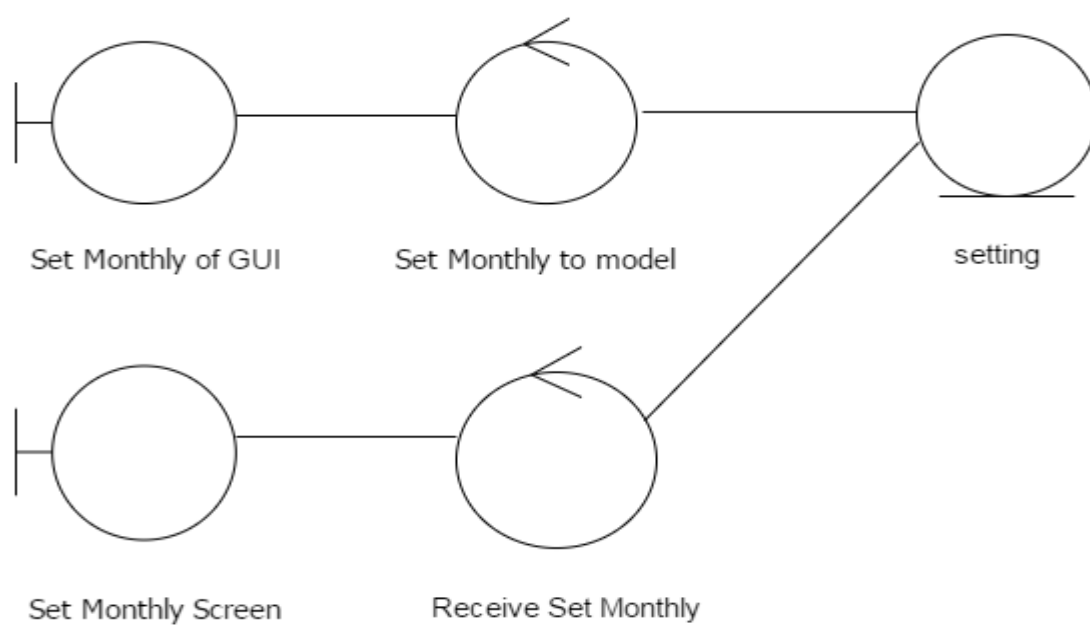
##### 4.1 Model-View-Controller (MVC) Model

###### 1. Setting management

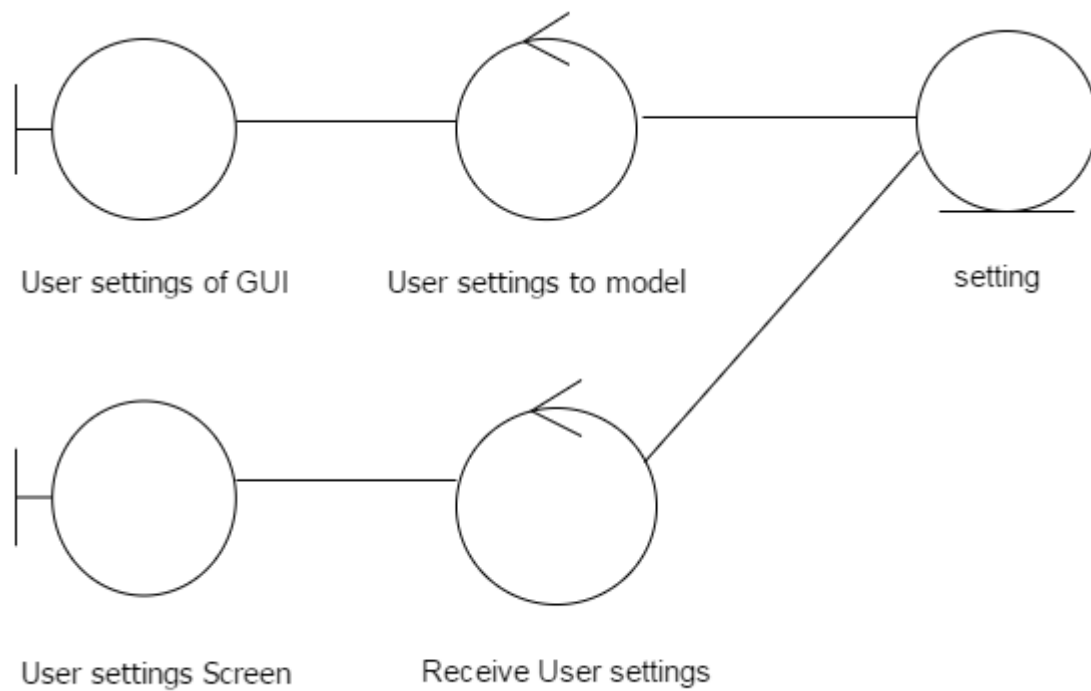
###### 1.1 Set Daily



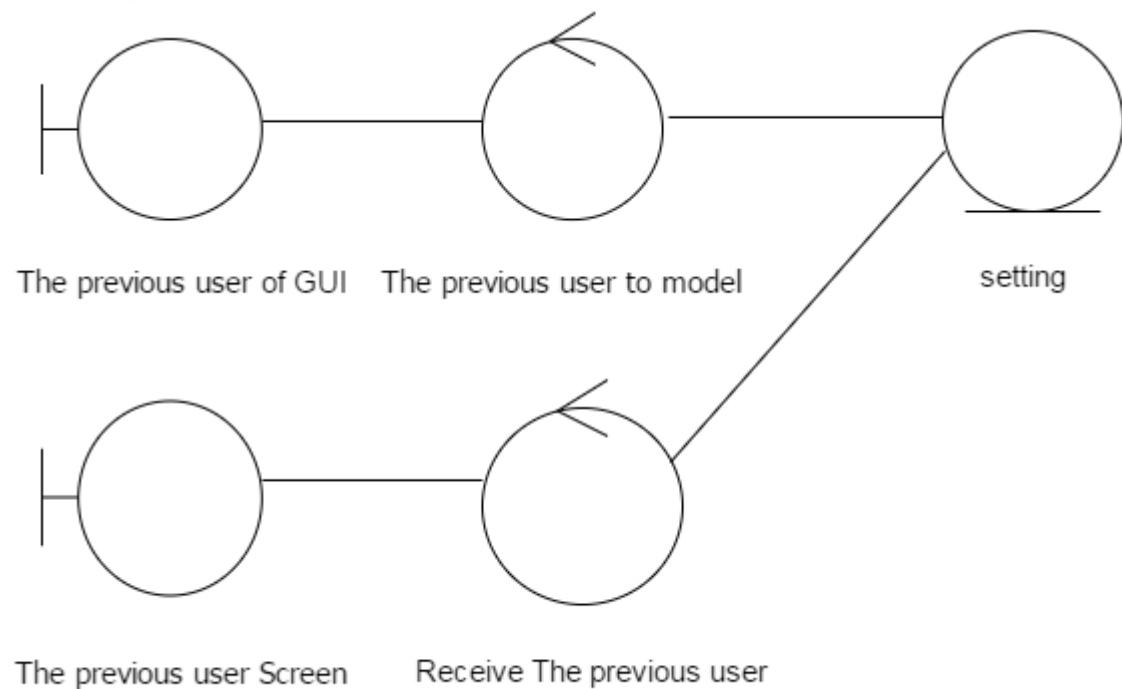
###### 1.2 Set Monthly



### 1.3 User settings

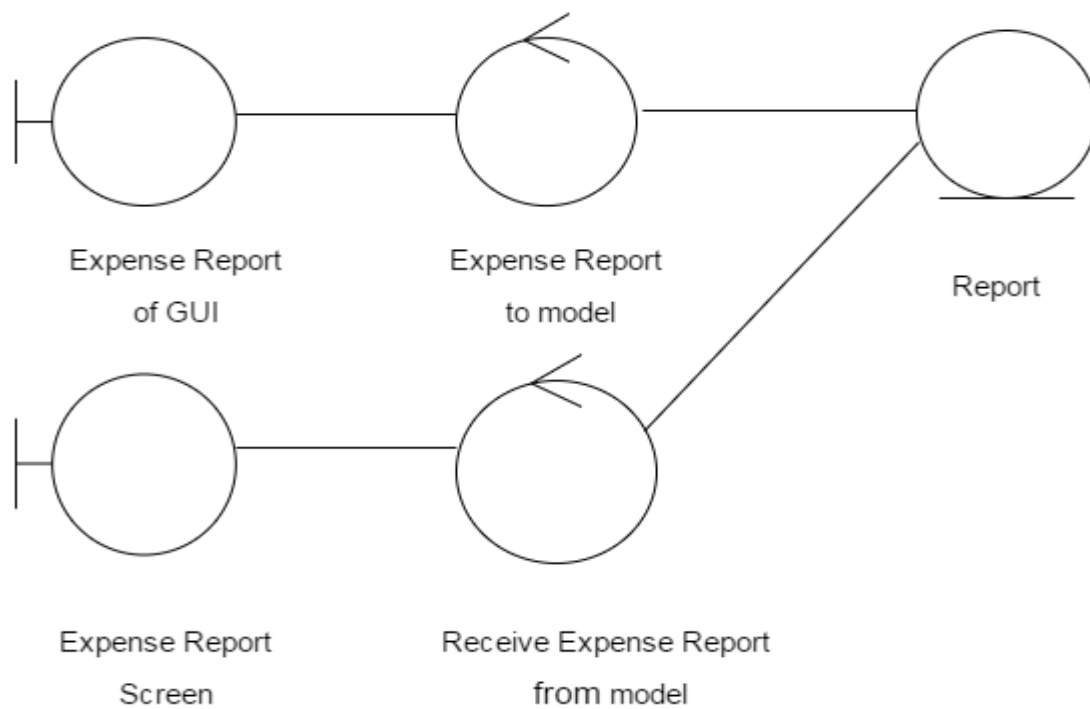


### 1.4 The previous user

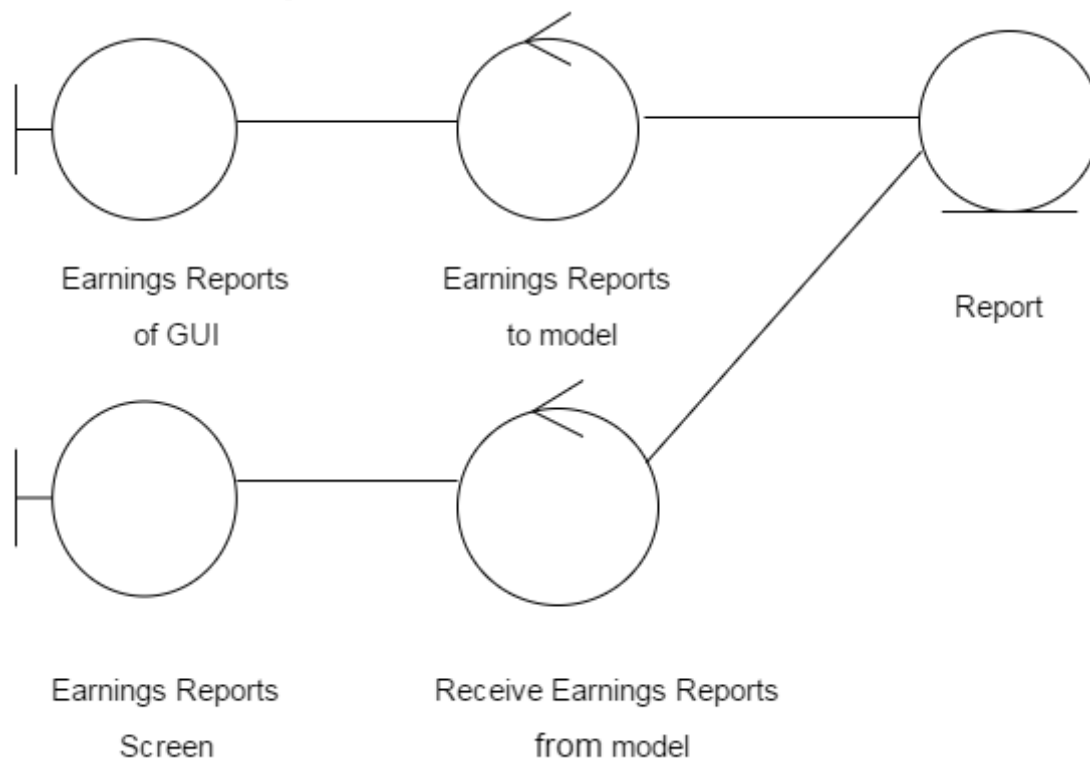


## 2. Report management

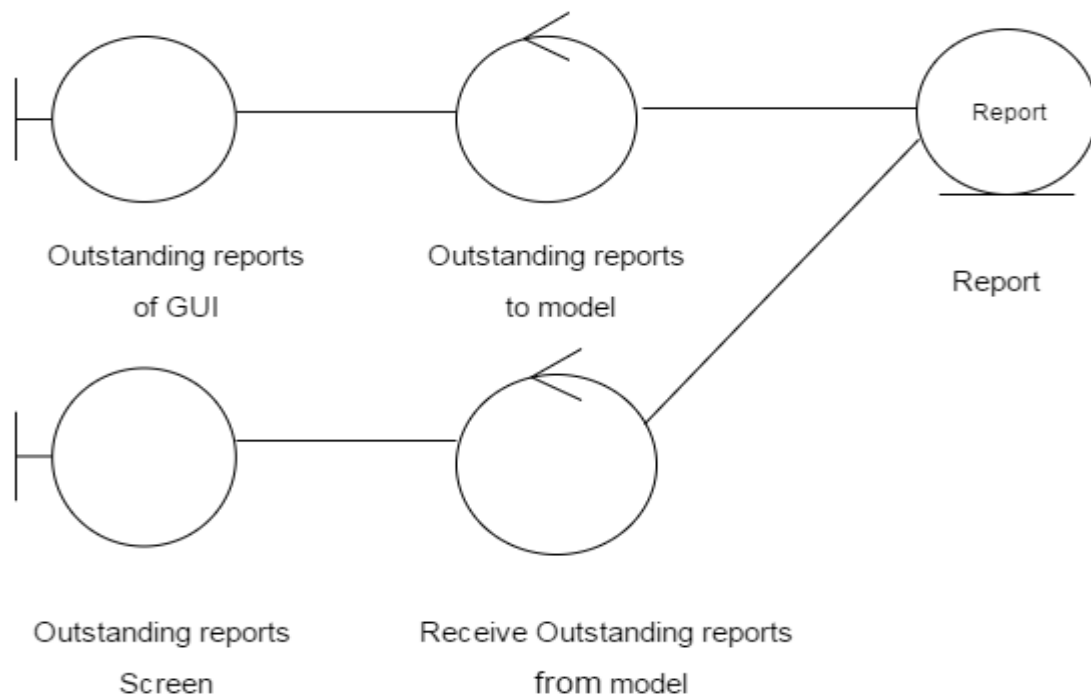
### 2.1 Expense Report



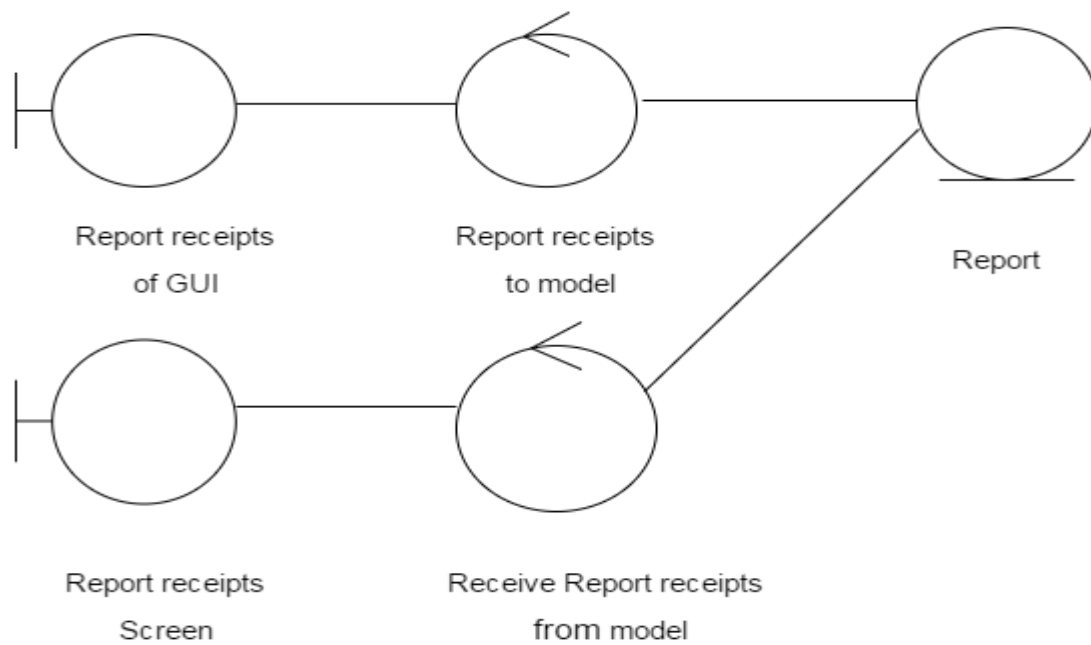
### 2.2 Earnings Reports



### 2.3 Outstanding reports

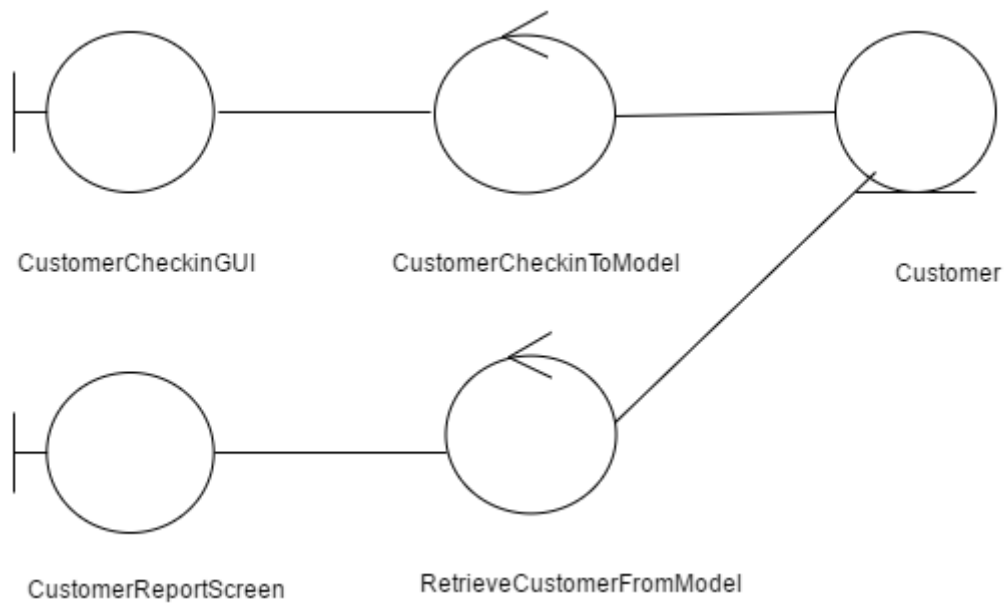


### 2.4 Report receipts

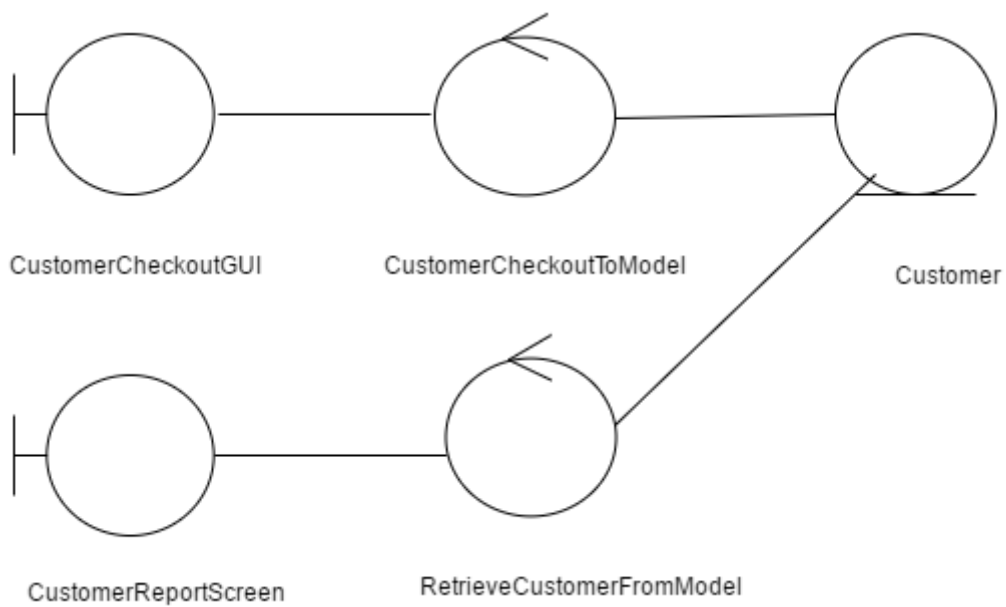


### 3. Management daily

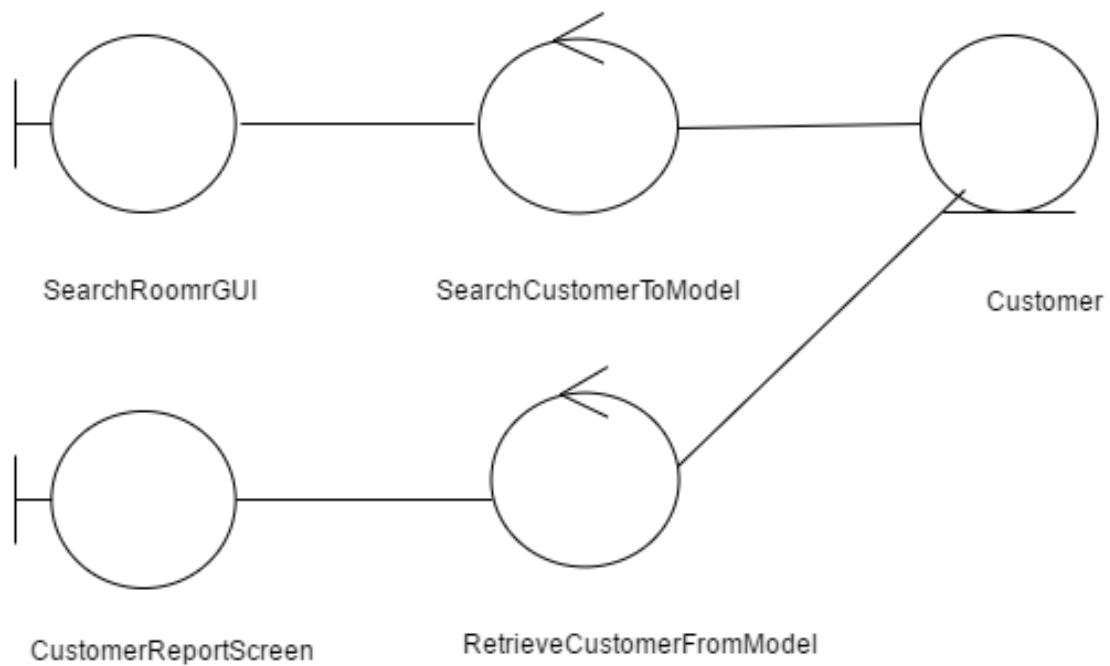
#### 3.1 Check in



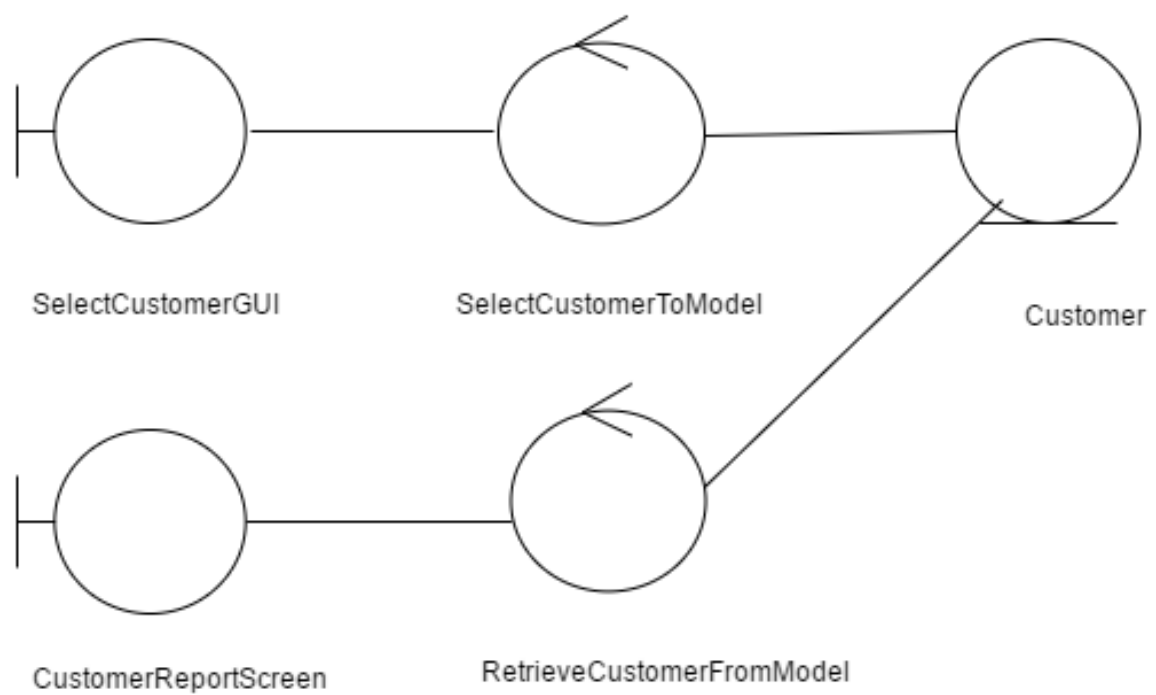
#### 3.2 Check out



### 3.3 Search room

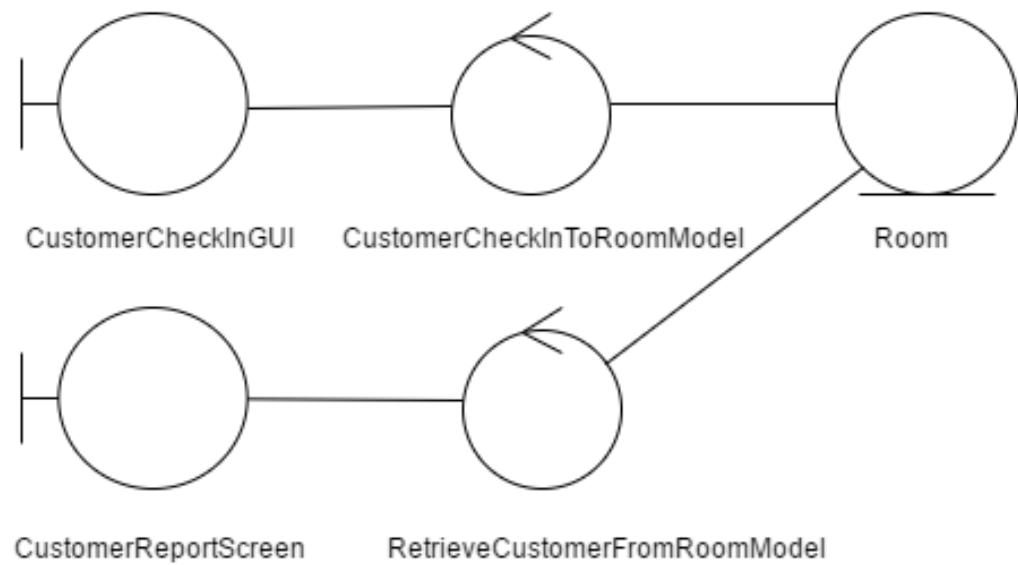


### 3.4 Select data customer

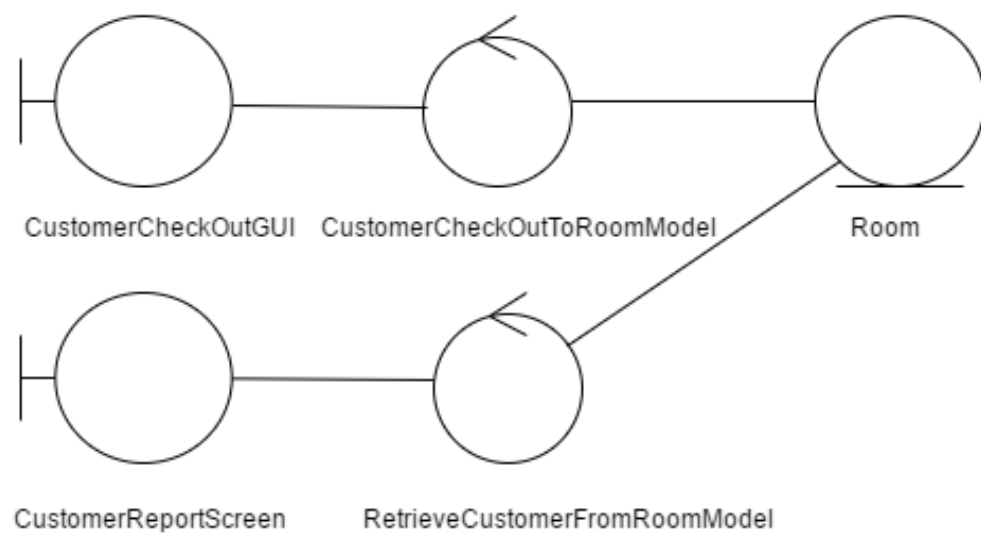


#### 4. Management monthly

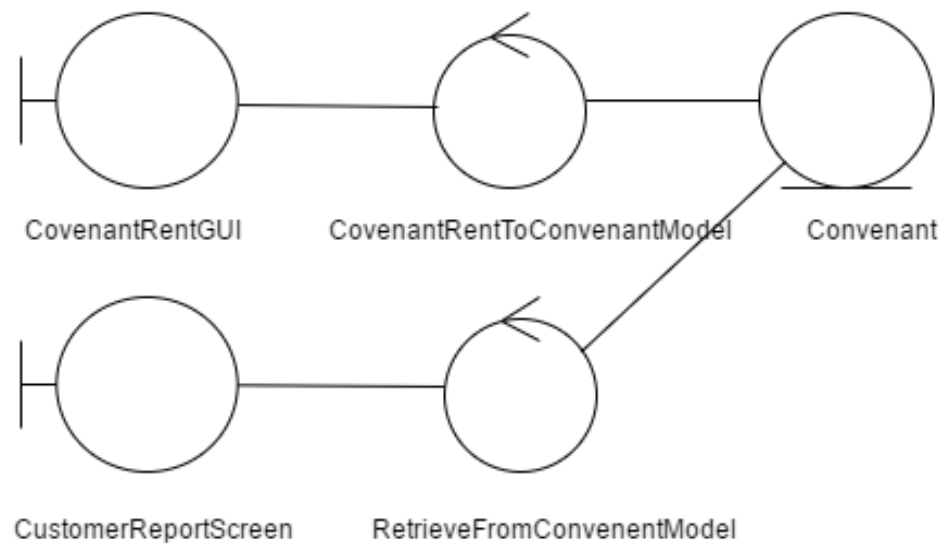
##### 4.1 Check in



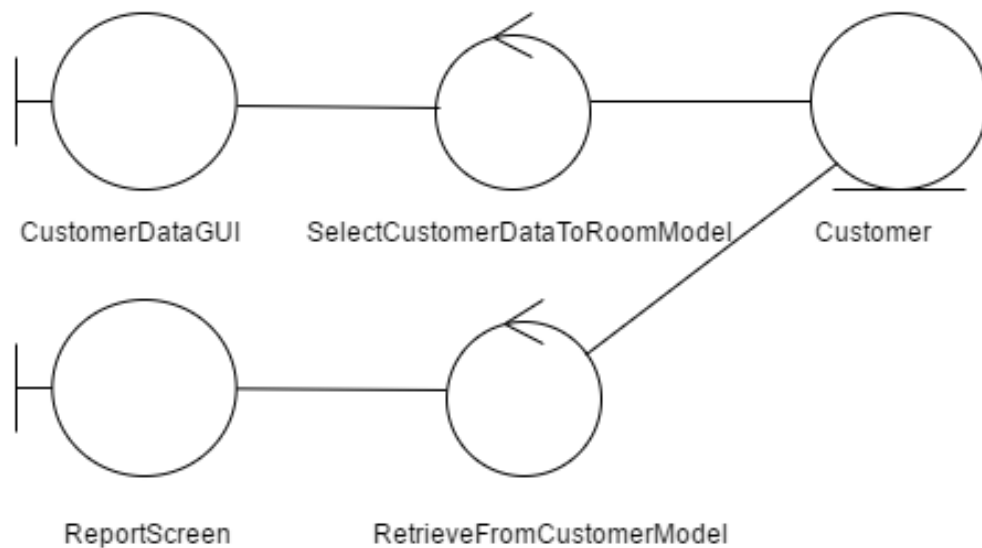
##### 4.2 Check Out



#### 4.3 Covenant rent



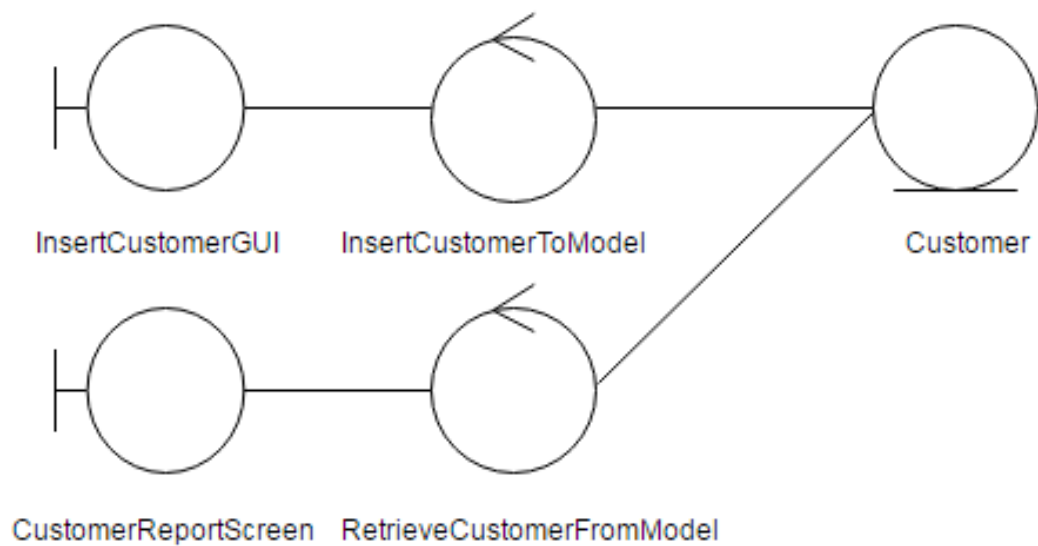
#### 4.4 Select customer data



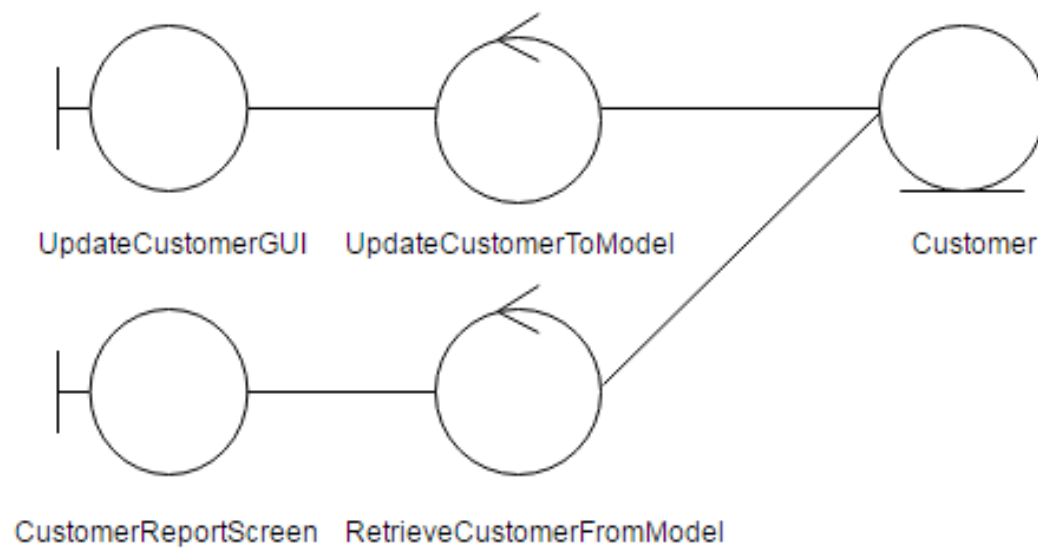


## 5 Customer Management System

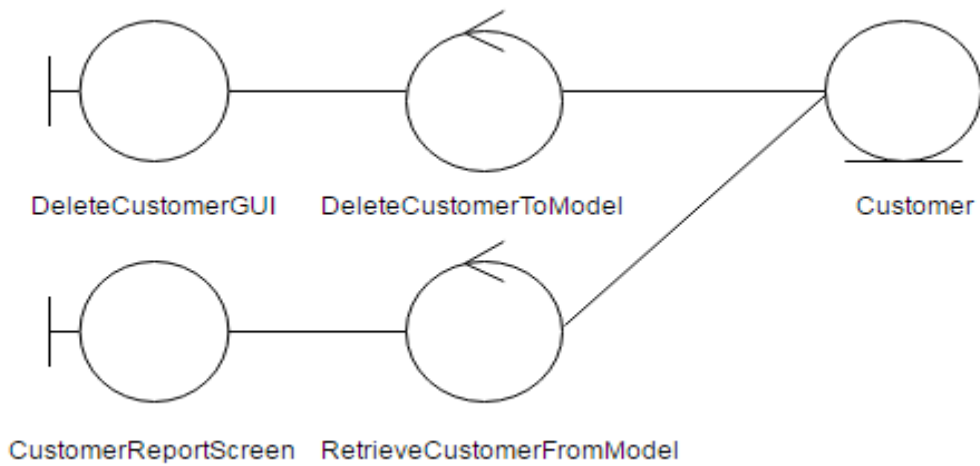
### 5.1 Insert Customer



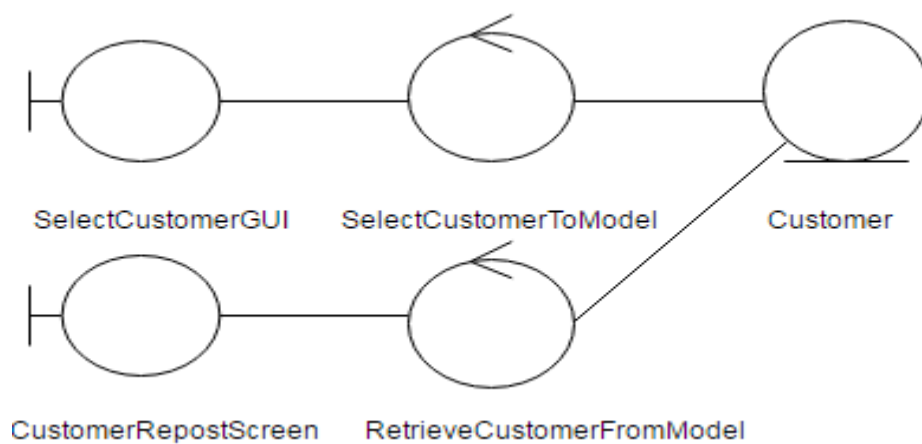
### 5.2 Update Customer



### 5.3 Delete Customer

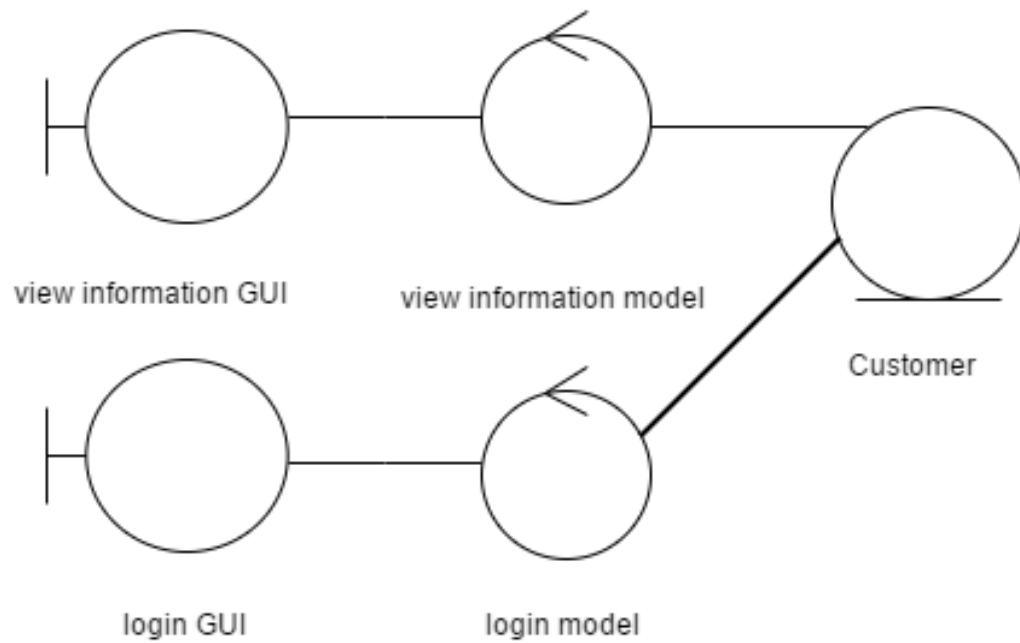


### 5.4 Report Customer

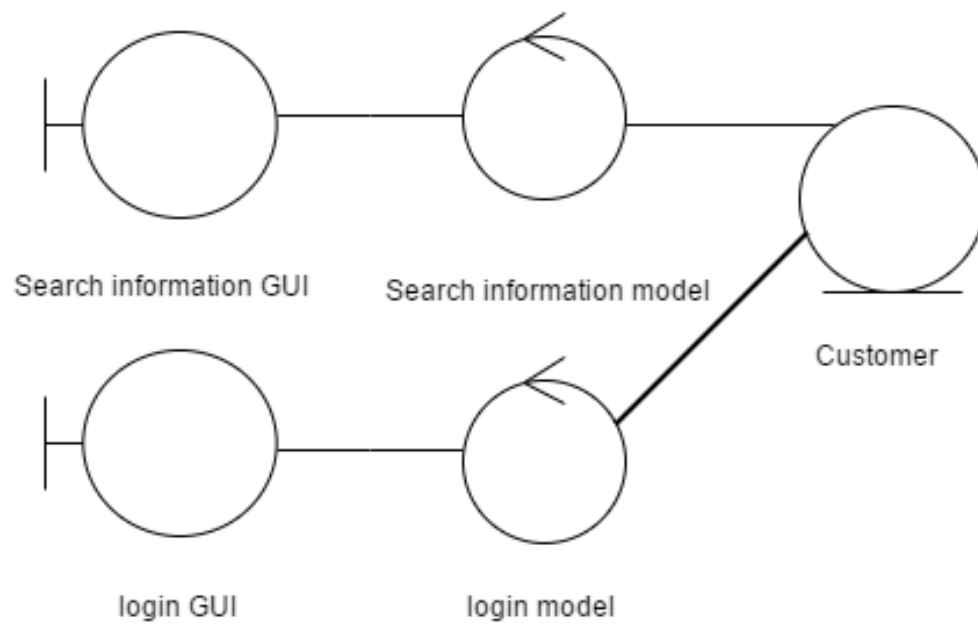


## 6. Hotel information

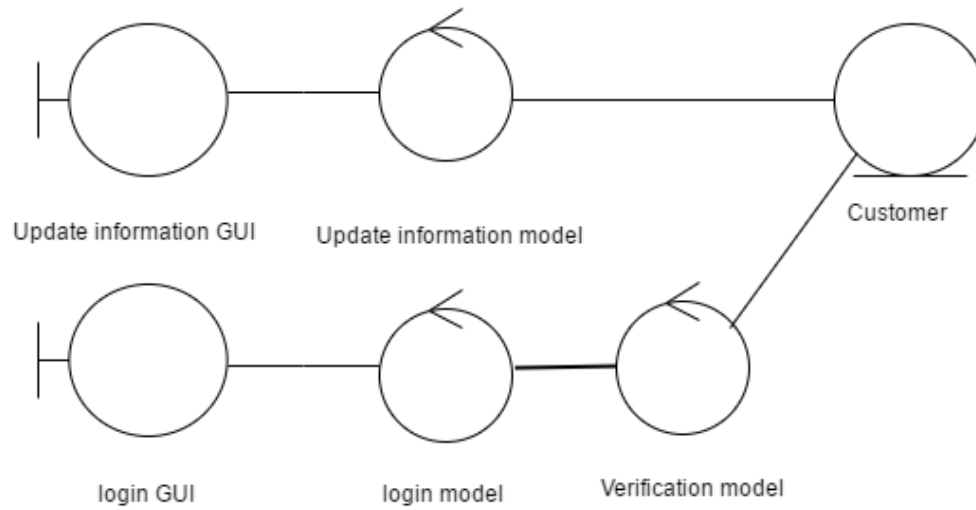
### 6.1 View Information



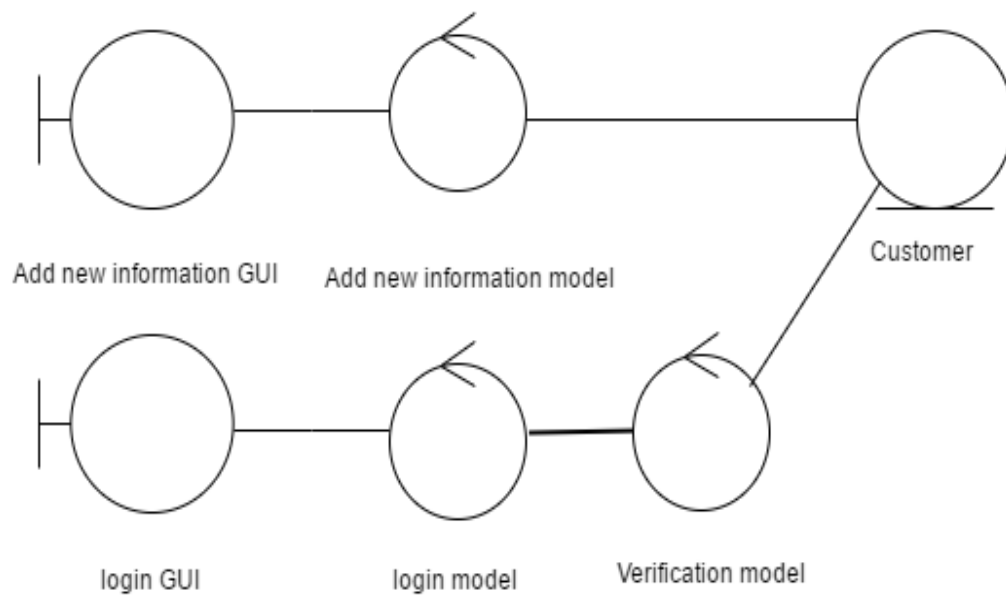
### 6.2 Search Information



### 6.3 Update Information

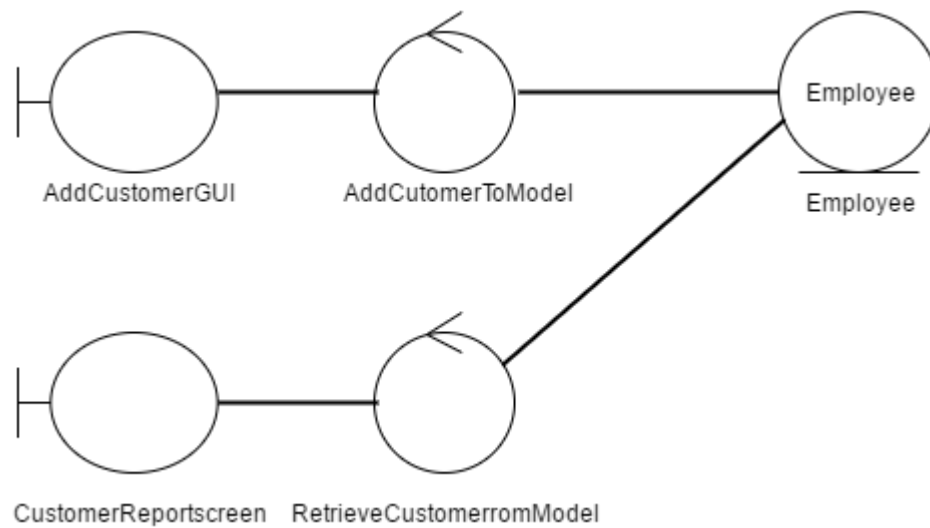


### 6.4 Add new information

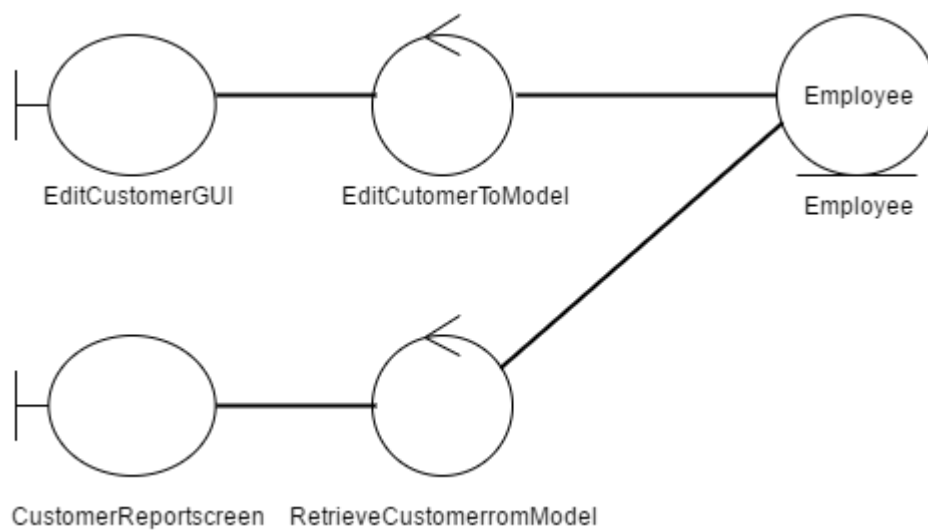


## 7. Register Booking System

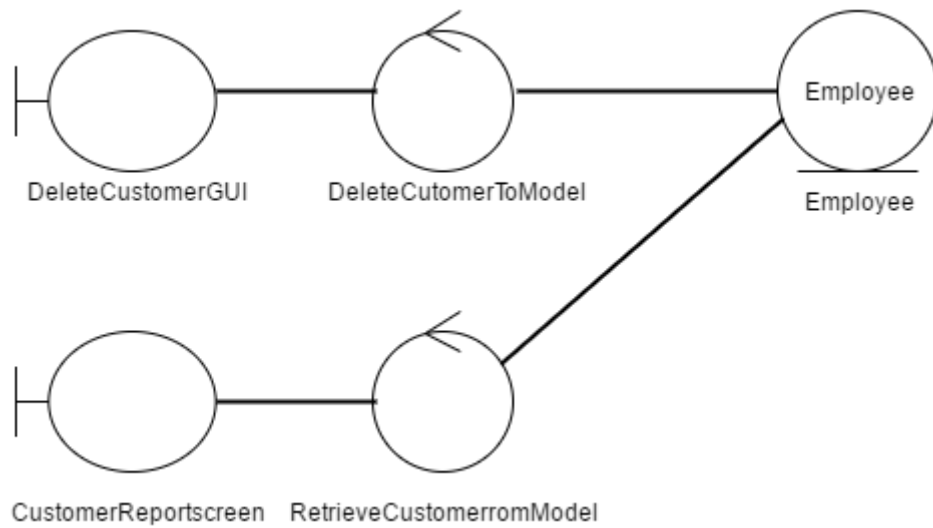
### 7.1 Add booking customer



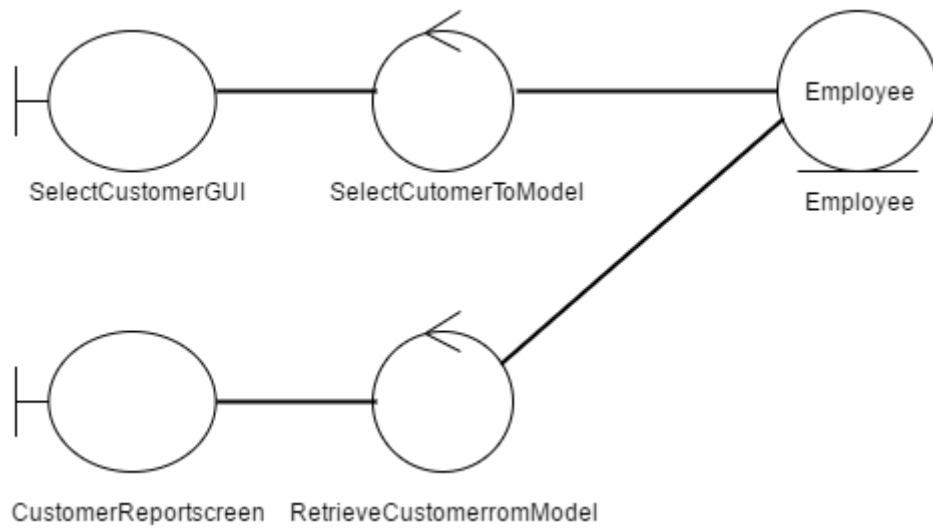
### 7.2 Edit booking customer



### 7.3 Delete booking customer



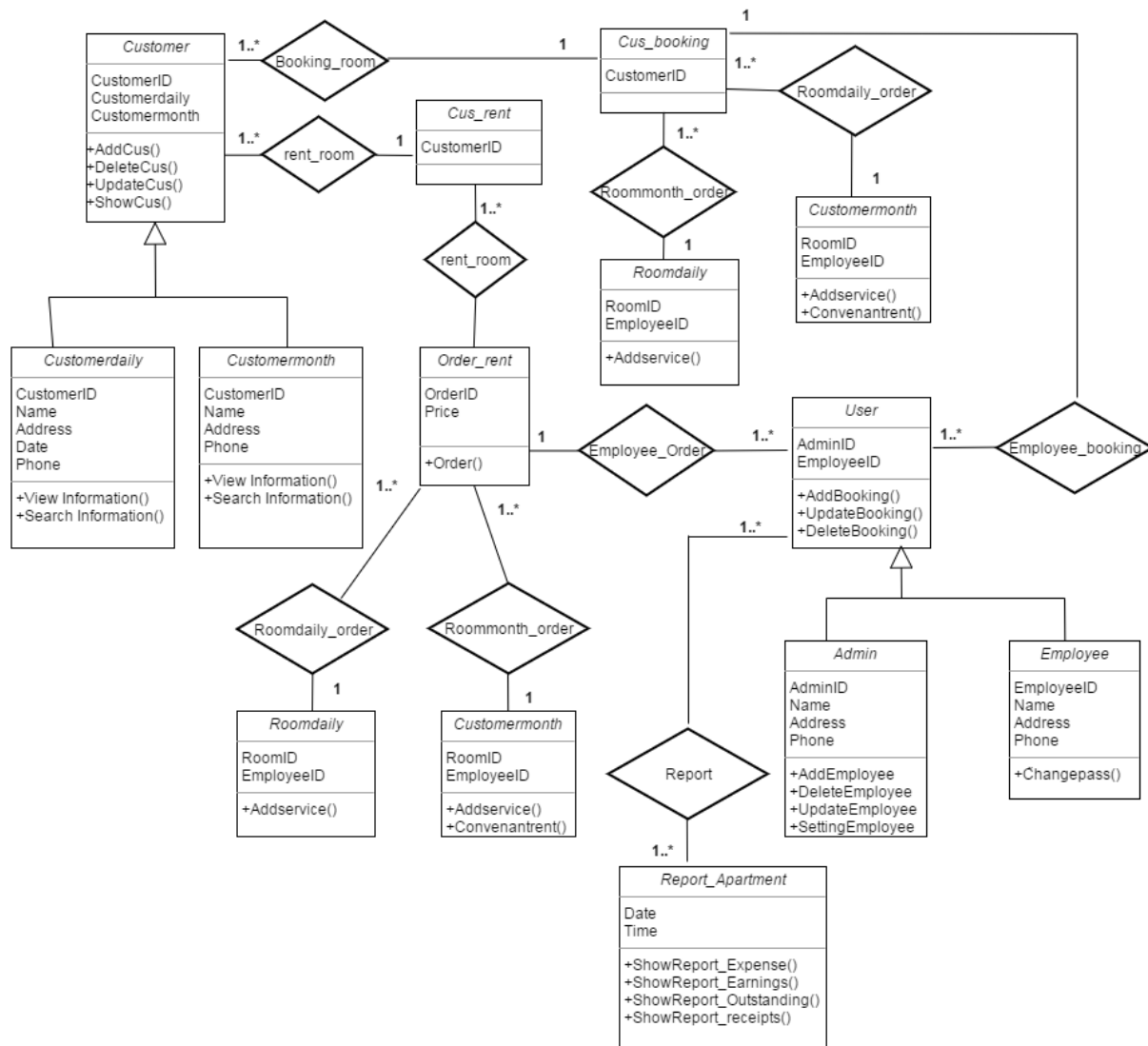
### 7.4 Select Customer booking customer



## 4.2 Entity Class Model

Then, a set of conceptual entity and data model is described by “Entity Class Diagram”.

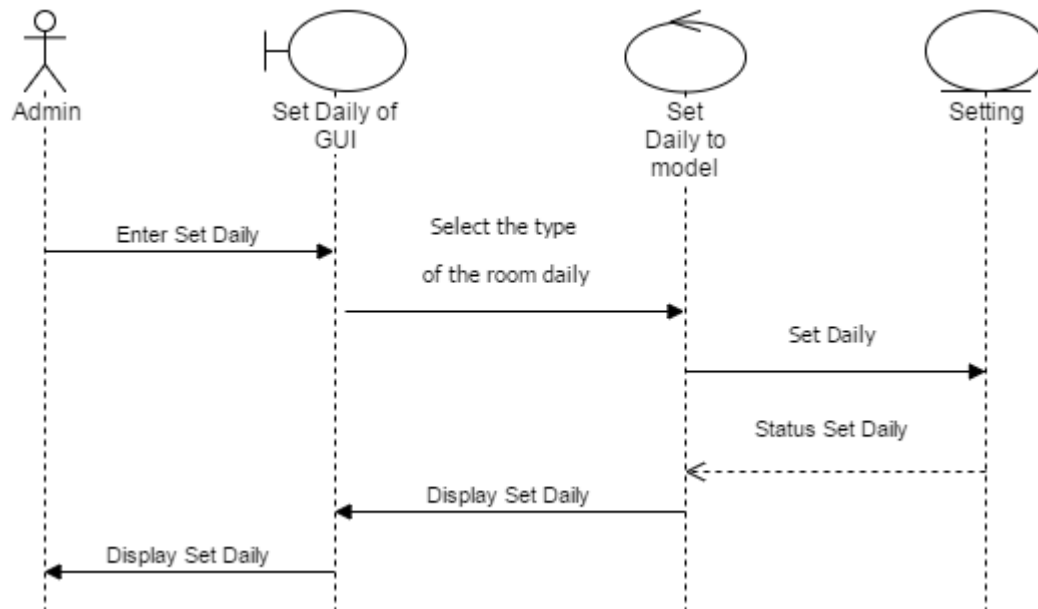
The relationship between each entity class must be specified.



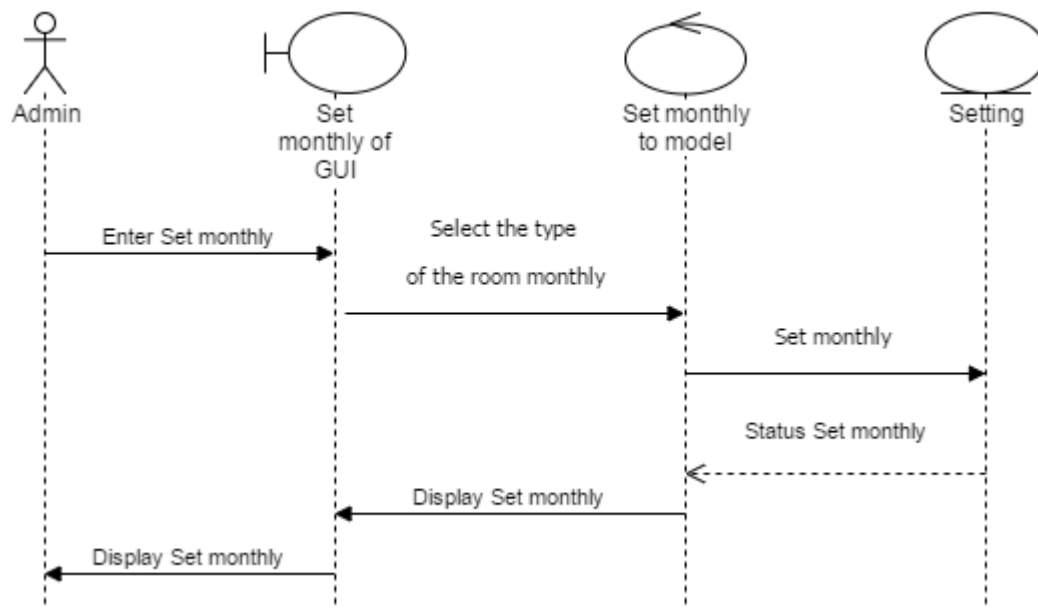
## 5. System Behavior Model

### 1. Setting management

#### 1.1 Set Daily

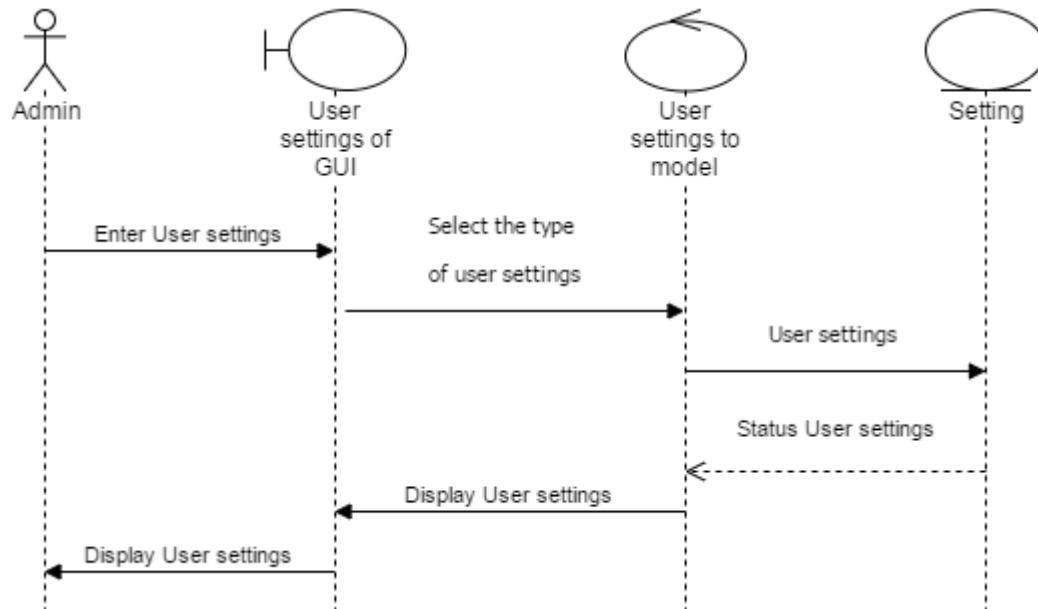


#### 1.2 Set Monthly

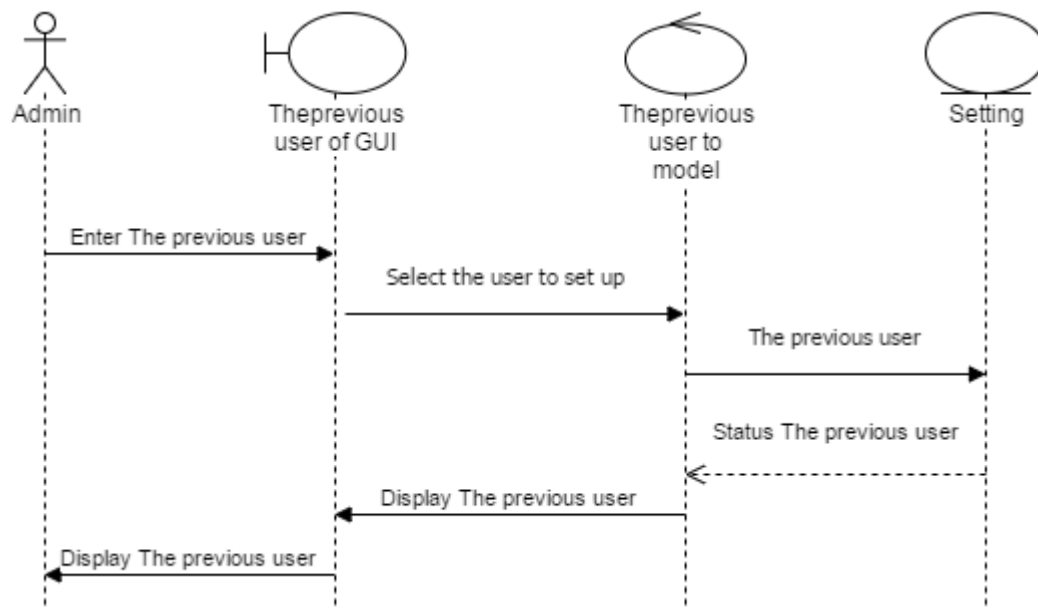




### 1.3 User settings

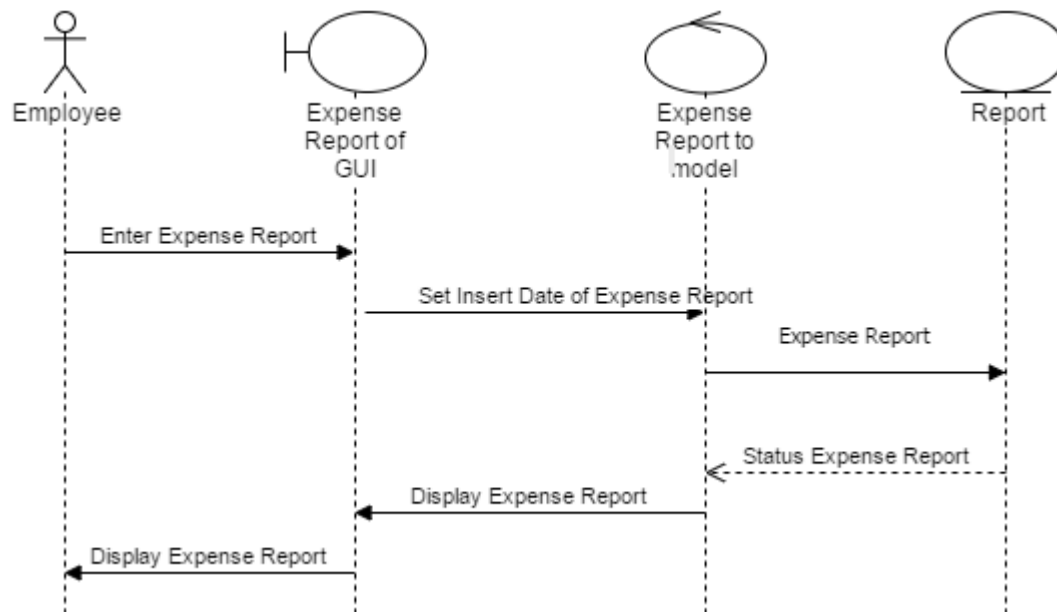


### 1.4 The previous user

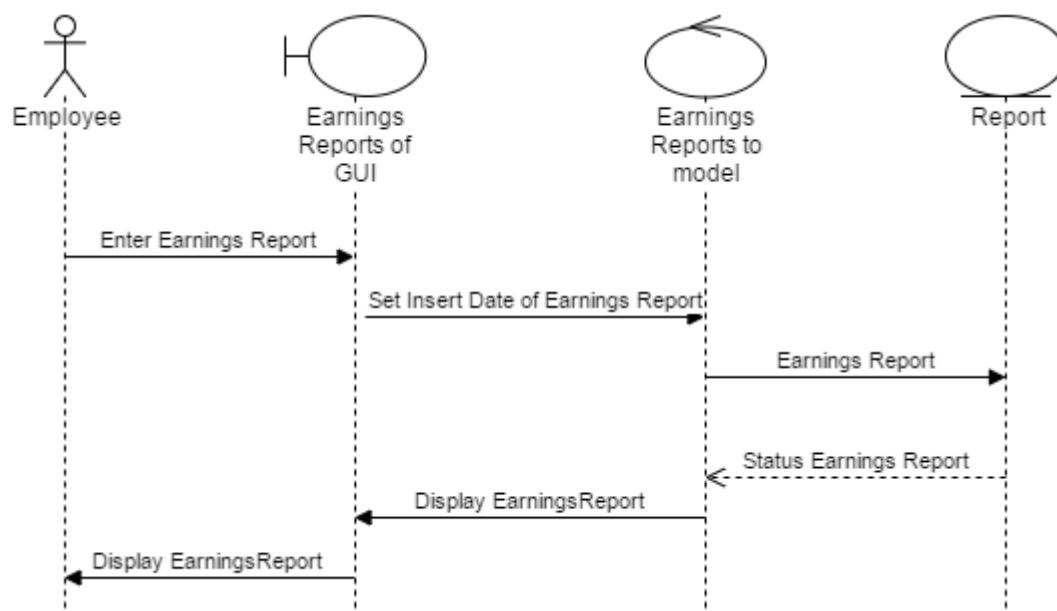


## 2. Report management

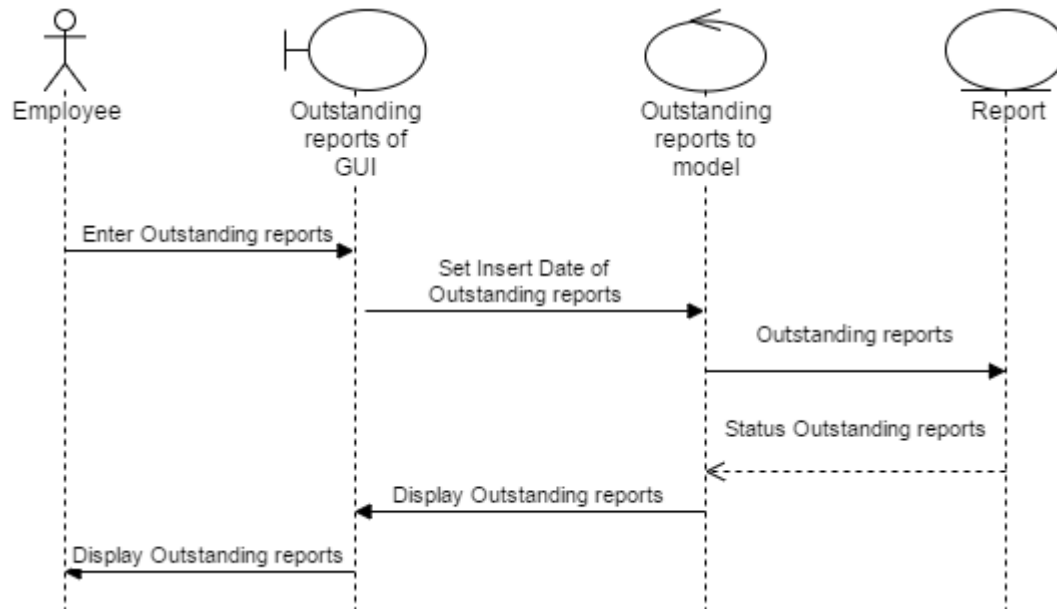
### 2.1 Expense Report



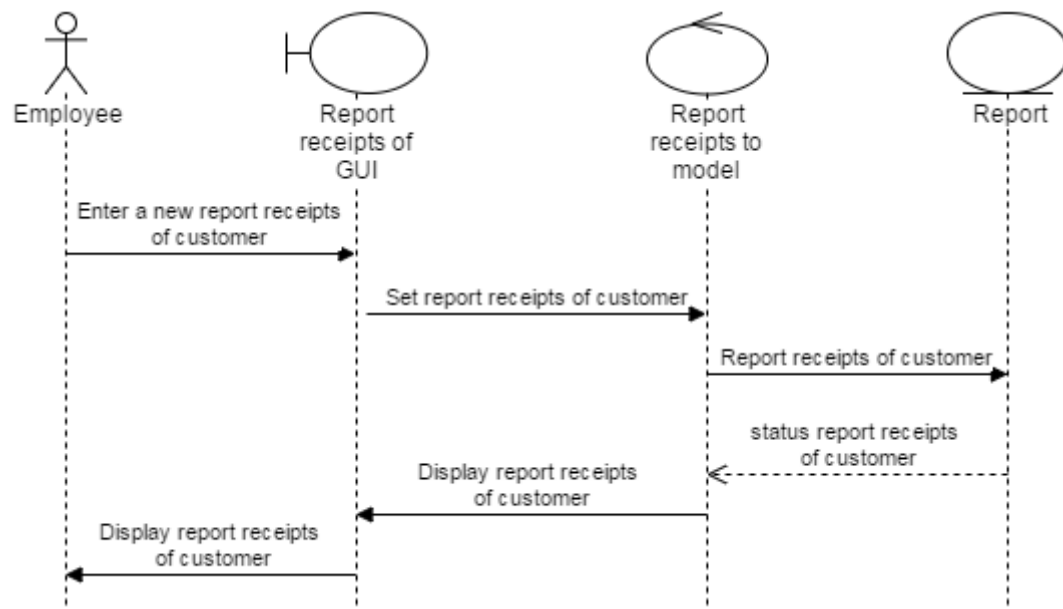
### 2.2 Earnings Reports



### 2.3 Outstanding reports

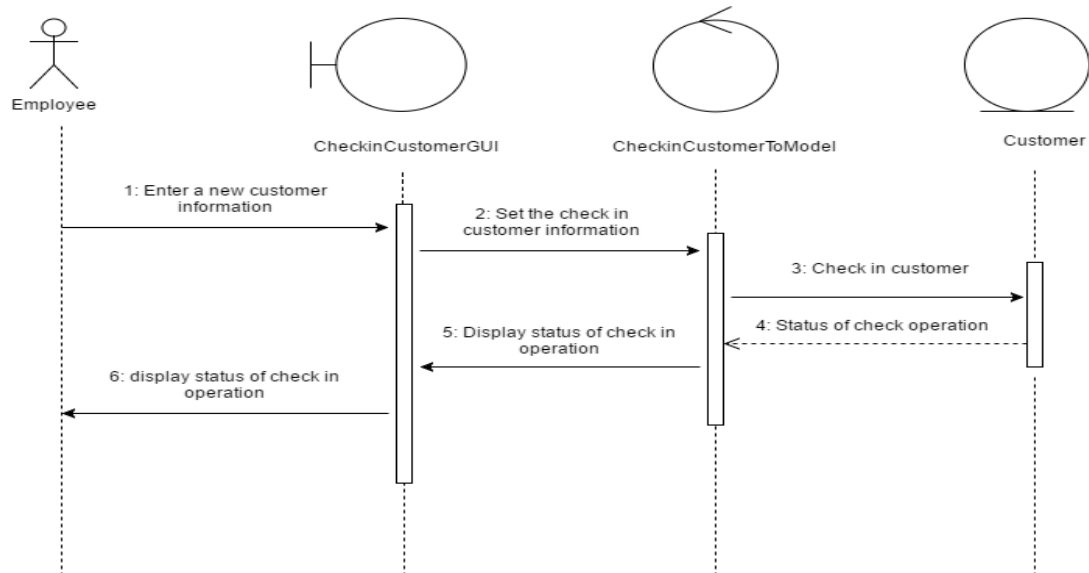


### 2.4 Report receipts

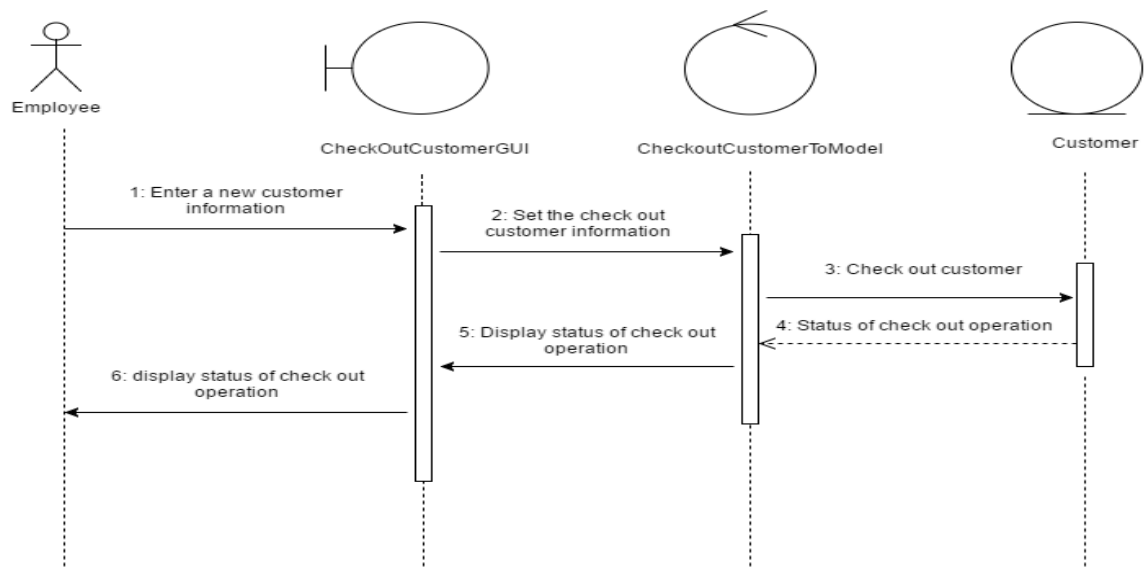


### 3. Management daily

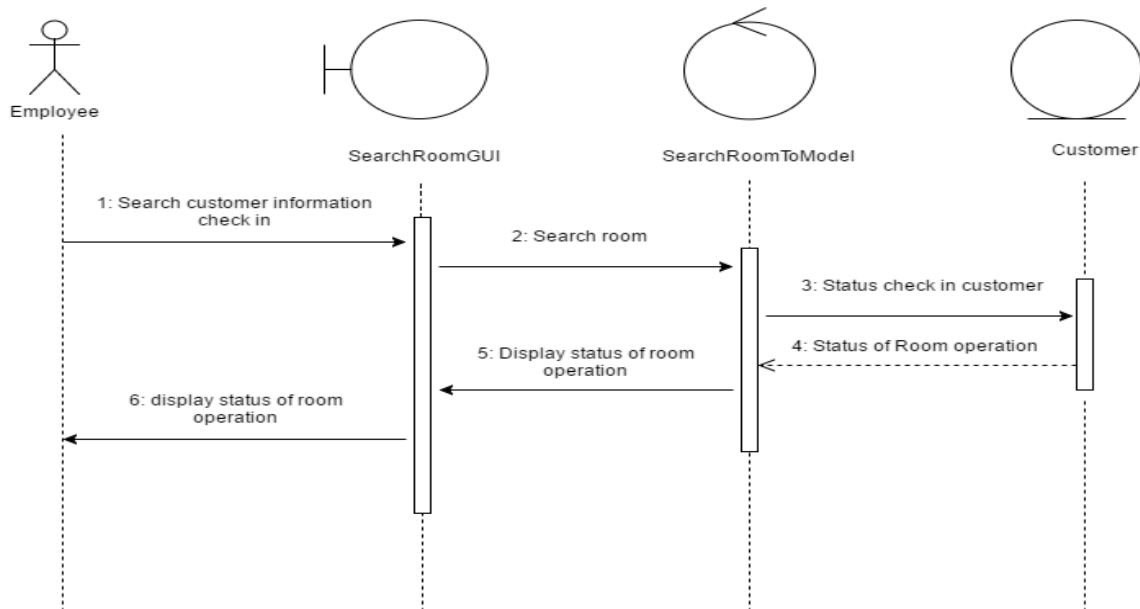
#### 3.1 Check in



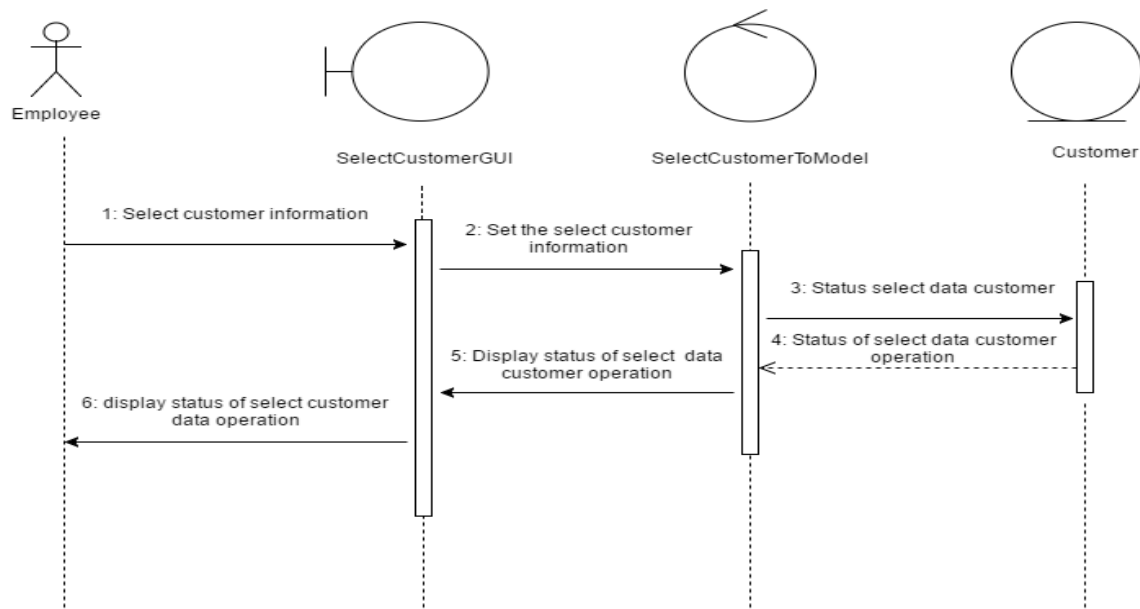
#### 3.2 Check out



### 3.3 Search room

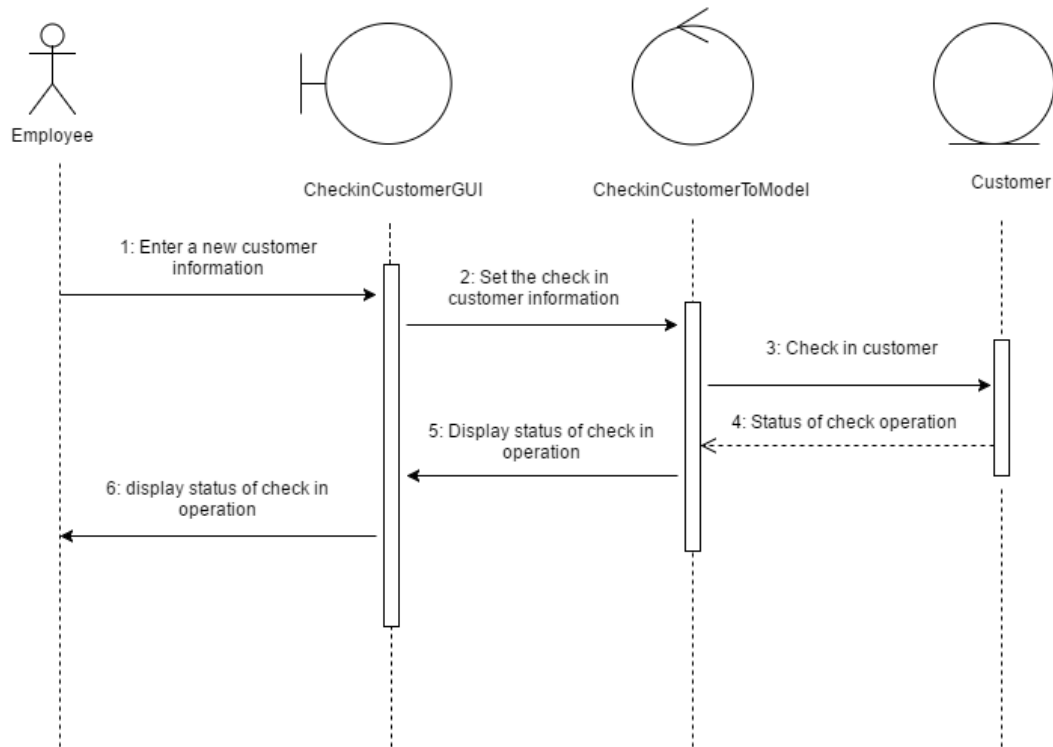


### 3.4 Select data customer

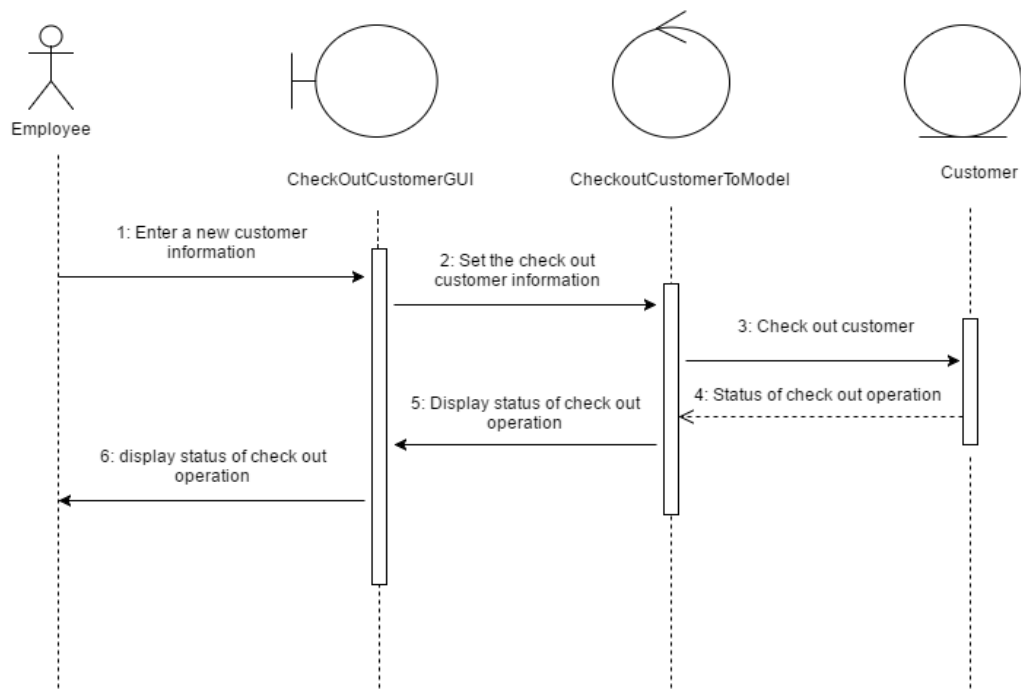


## 4. Management monthly

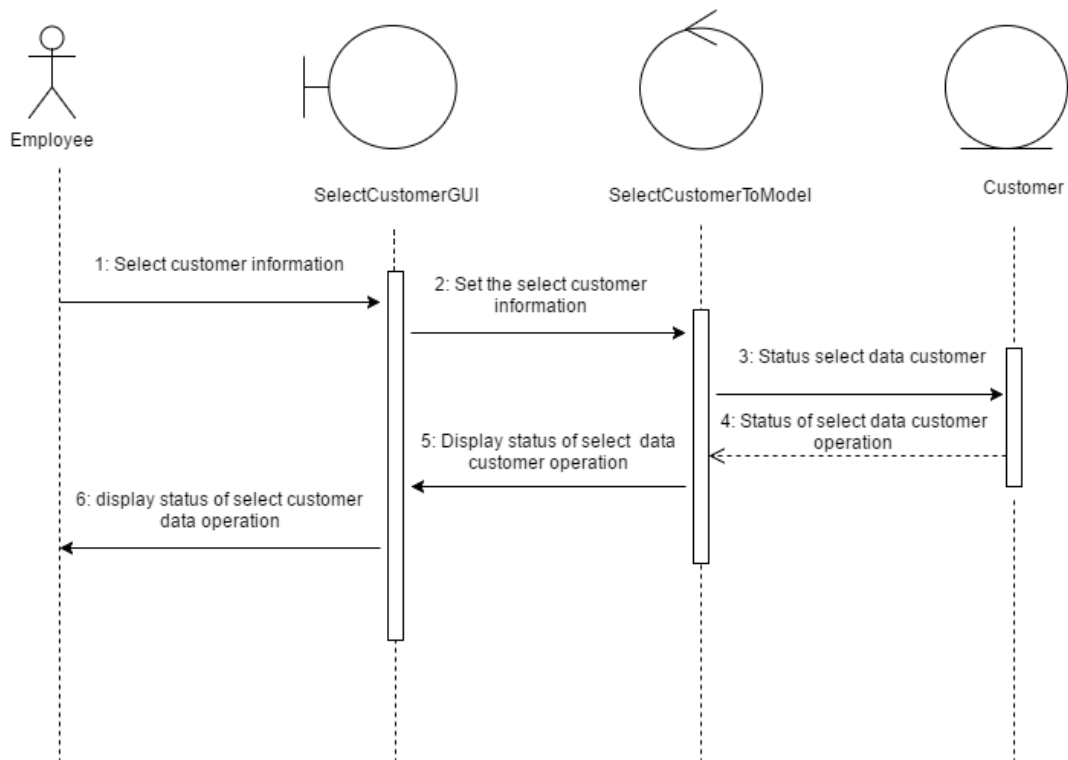
### 4.1 Check in



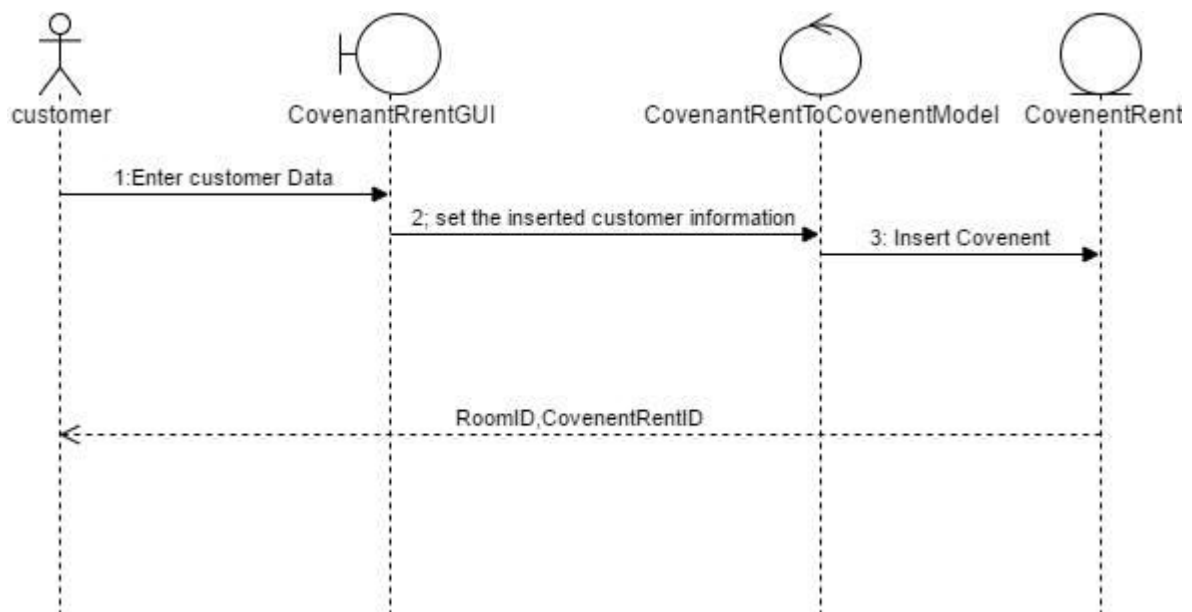
### 4.2 Check out



#### 4.3 Select data customer

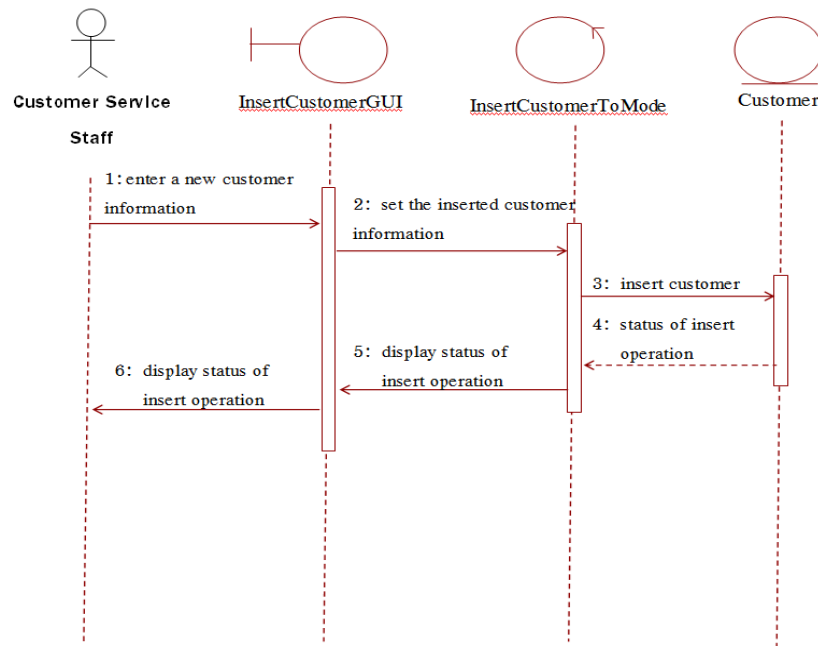


#### 4.4 Covenant rent

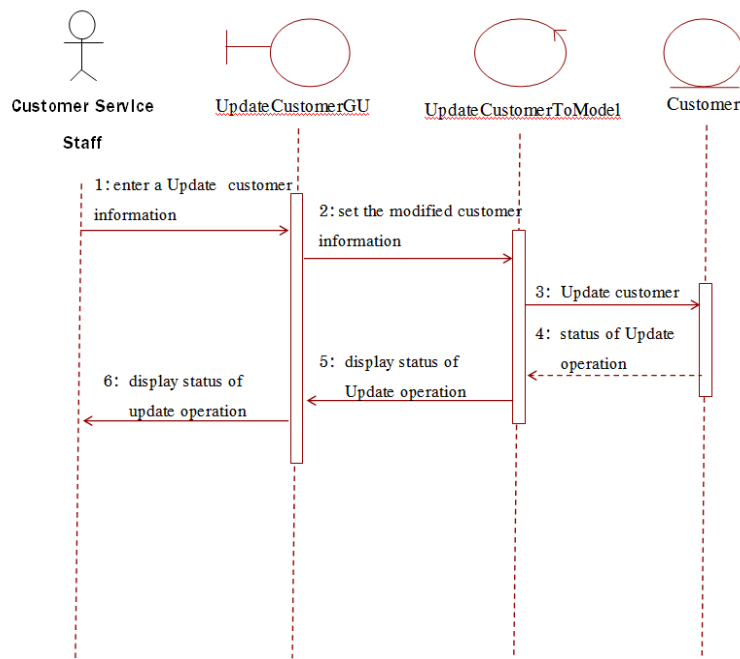


## 5 Customer Management System

### 5.1 Sequence Diagram demonstrating operation “add new customer”

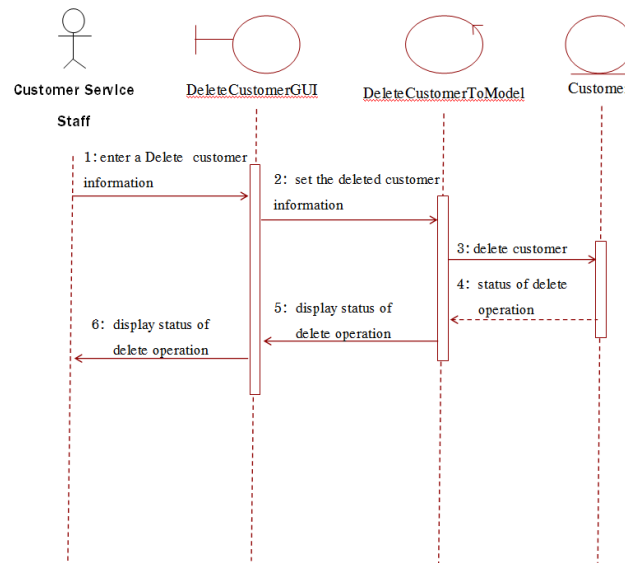


### 5.2 Sequence Diagram demonstrating operation “Update customer”

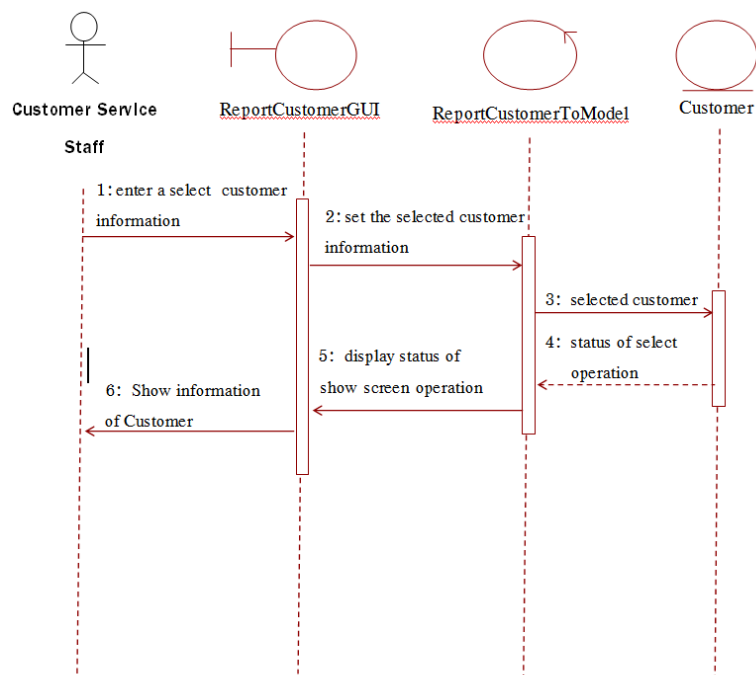




### 5.3 Sequence Diagram demonstrating operation “delete customer”

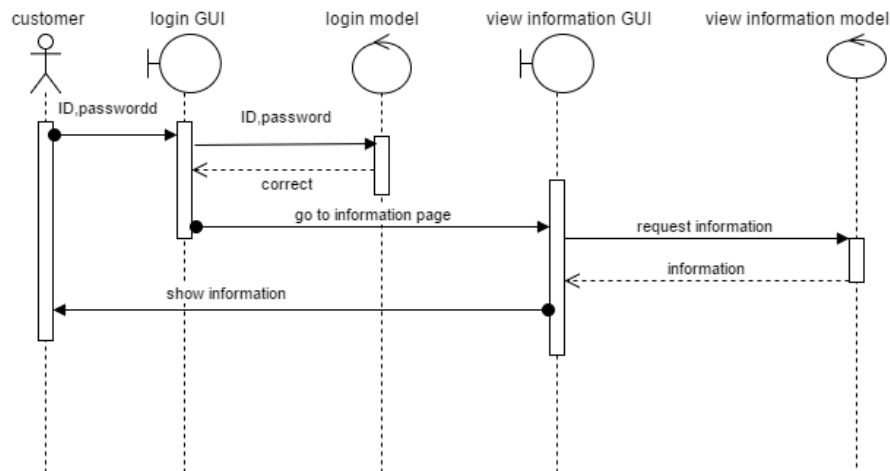


### 5.4 Sequence Diagram demonstrating operation “Report customer”

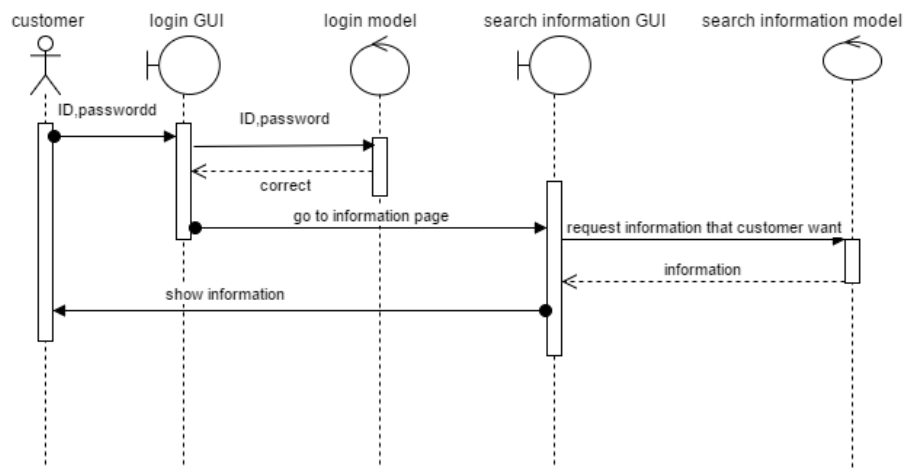


## 6. Hotel information

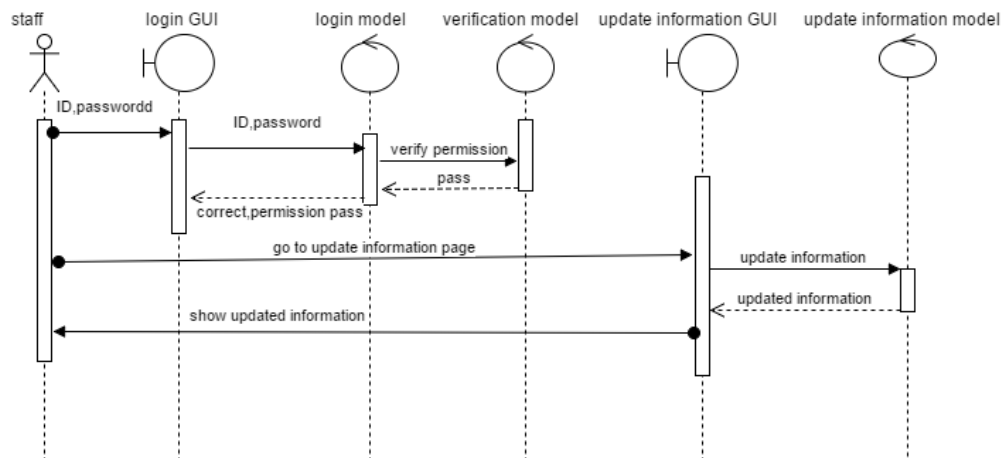
### 6.1 Sequence Diagram demonstrating operation “View Information”



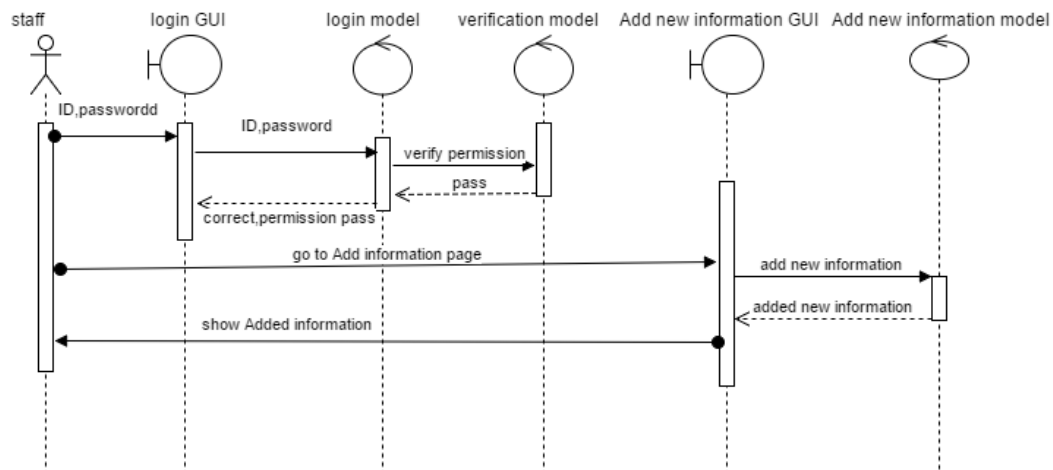
### 6.2 Sequence Diagram demonstrating operation “Search Information”



### 6.3 Sequence Diagram demonstrating operation “Update Information”

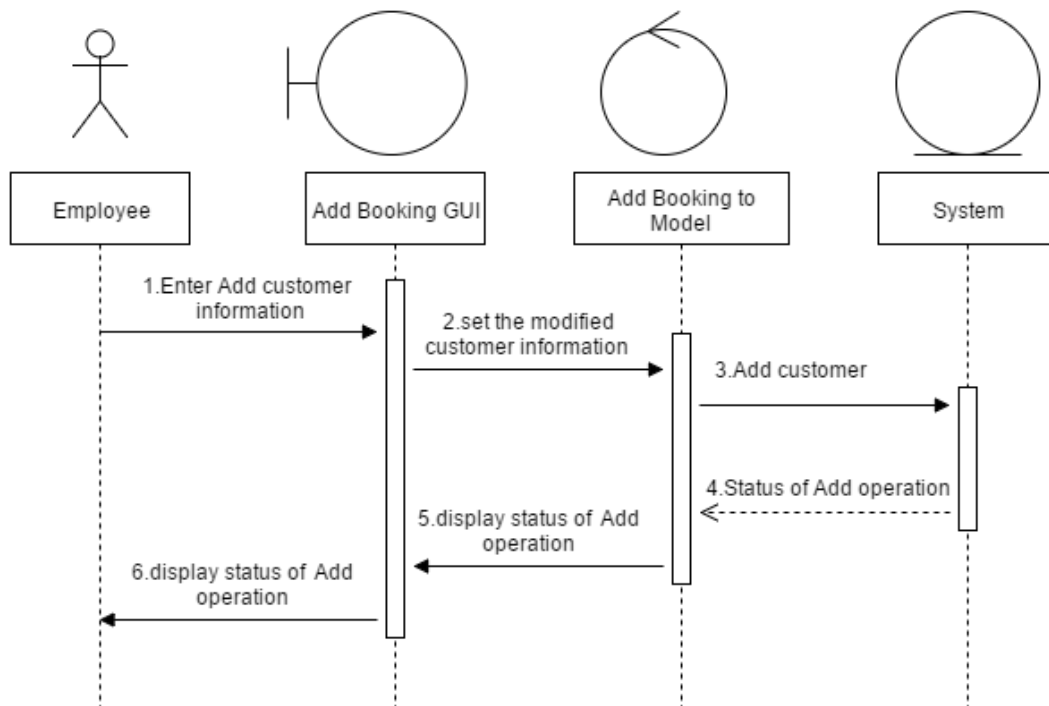


### 6.4 Sequence Diagram demonstrating operation “Add new Information”

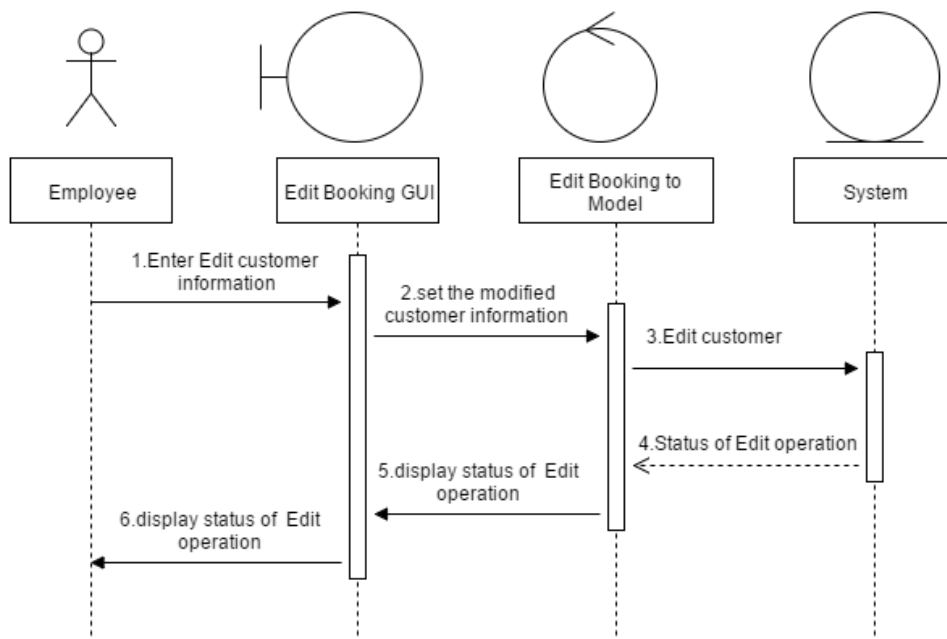


## 7. Register Booking System

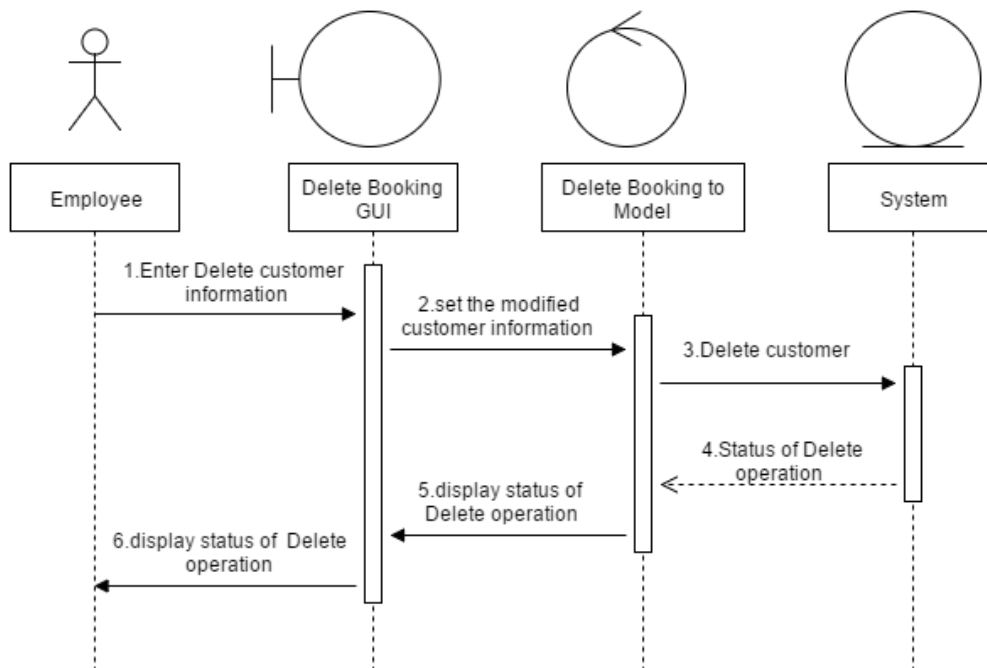
### 7.1 Sequence Diagram demonstrating operation “add booking customer”



### 7.2 Sequence Diagram demonstrating operation “Edit booking customer”



### 7.3 Sequence Diagram demonstrating operation “Delete booking customer”



### 7.4 Sequence Diagram demonstrating operation “Select booking customer”

