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1. Revision History

Name	Date	Description	Version
CarLoanCalculator	October 20 2016	–	1.0

2. Use Case Overview

Use Case Diagram Level 0 : ระบบคำนวณค่างวดสิ้นเชื่อรถยนต์

ระบบคำนวณค่างวดสินเชื่อรถยนต์

Customer Management

UC200

Customer Management
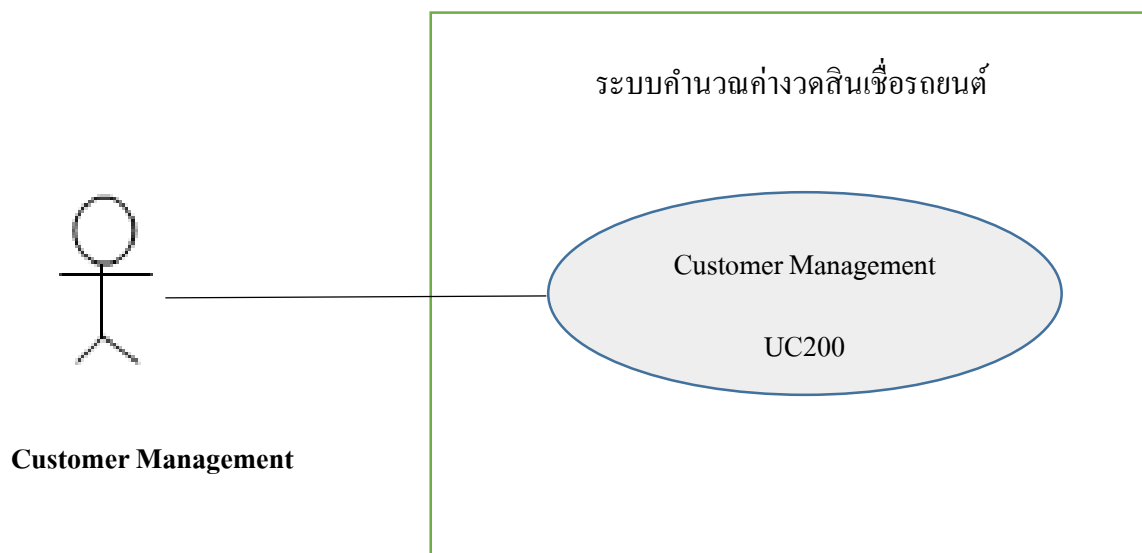
Use Case Diagram Level 1: Customer Management Sub-System (UC200)

Customer Management Sub-System

Insert a new customer data

Investigate Information

Customer Management

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3. System Structure

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        ┌─────────────────────────────┐
        │   ระบบคำนวณสินเชื่อรถยนต์       │
        └──────────────┬──────────────┘
                       │
        ┌──────────────┴──────────────┐
        │     Customer Management      │
        └──────┬───────────────┬───────┘
               │               │
    ┌──────────┴───────┐   ┌───┴─────────────────────────┐
    │ Insert a new     │   │ Investigate Information      │
    │ customer data    │   │ Customer                     │
    └──────────────────┘   └─────────────────────────────┘
```
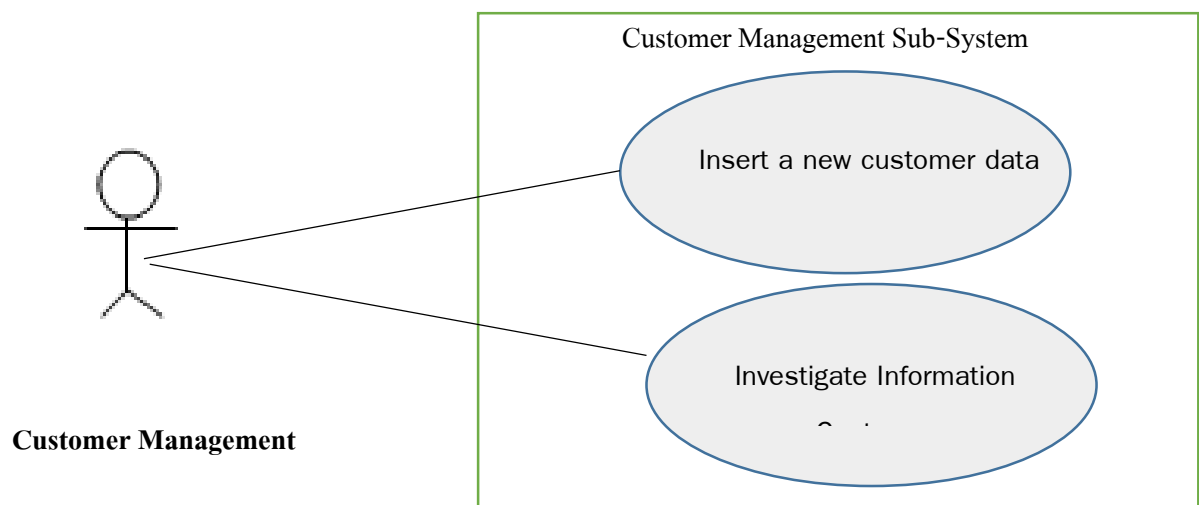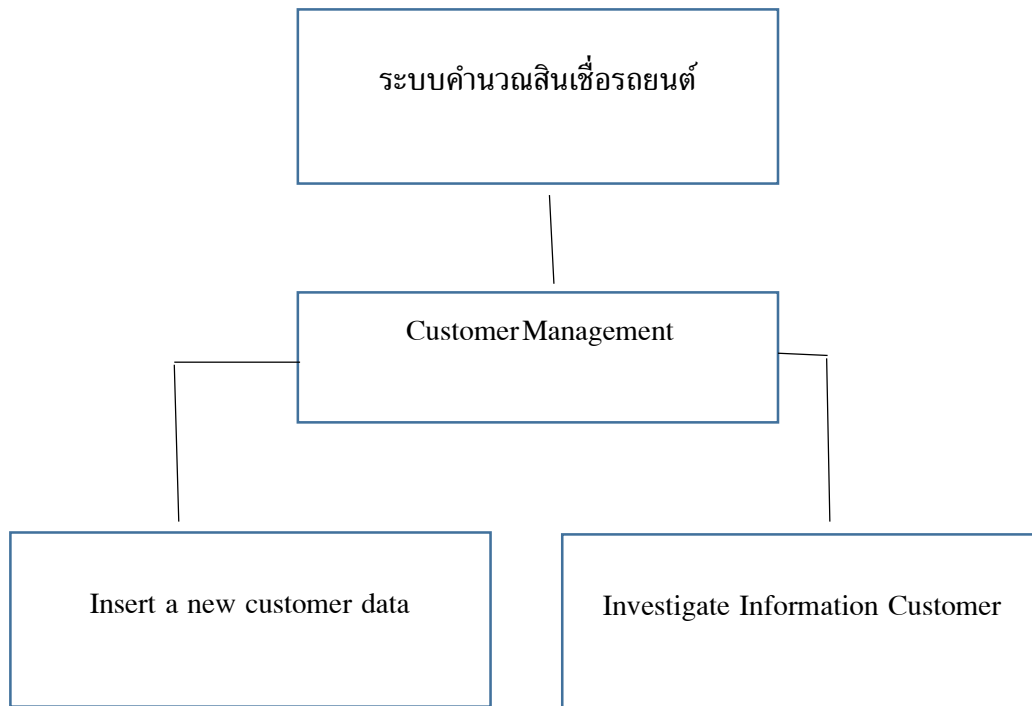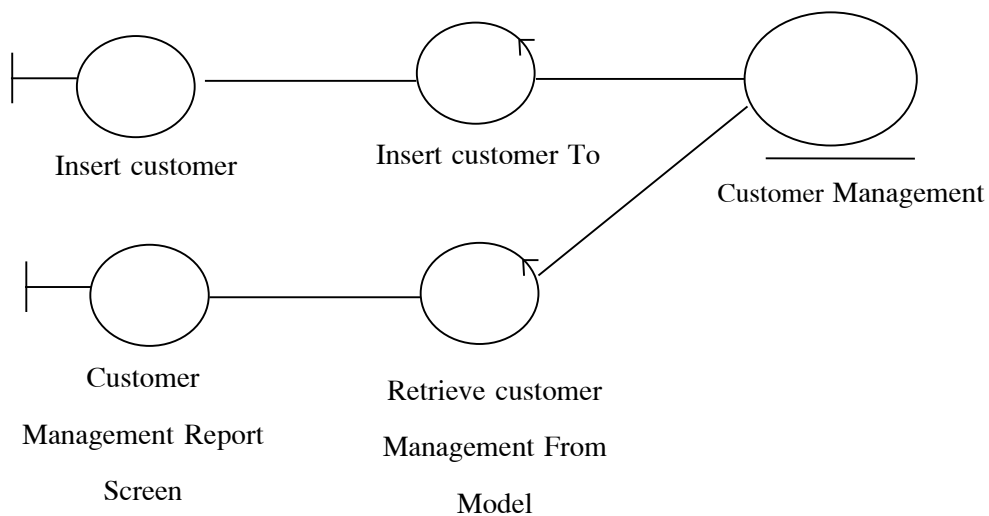
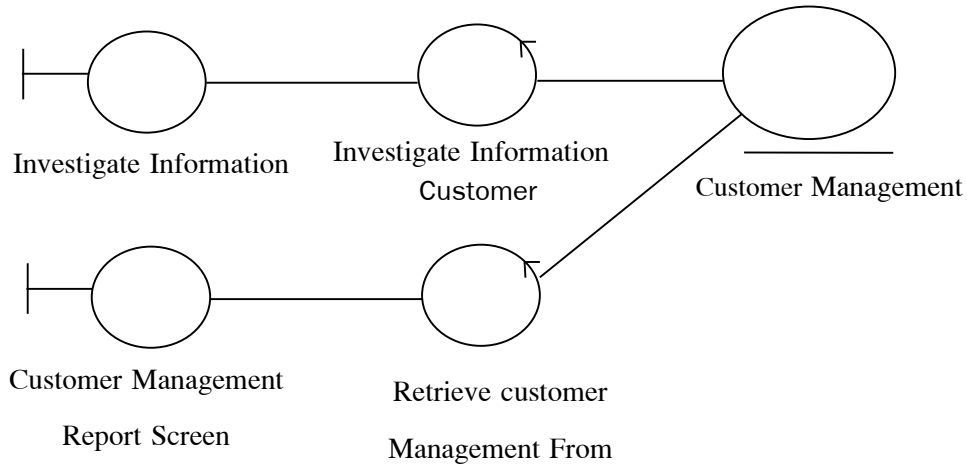**4. Static Structure and Data Analysis**

    4.1 Model-View-Controller (MVC) Model

Insert a new customer data

Insert customer

Insert customer To

Customer Management

Customer Management Report Screen

Retrieve customer Management From Model

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Insert a new customer data

Investigate Information

Investigate Information
Customer

Customer Management

Customer Management

Report Screen

Retrieve customer

Management From

4.2 Entity Class Model

Customer
Customer Id
Customer Name
Customer Address
Insert a new customer data
Investigate information Customer

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5. System Behaviour Model

Sequence Diagram demonstrating operation "Insert a new customer data"

• This diagram describes the system scenario of "**UC120 : Insert a new customer data**"

Customer
Customer

Management

Insert customer

Insert customer to

1:receive data customer

information

2.Create customer information

3: Check the customer

information

5: display status of

information

4: status ofinformation

6: display status of

Insert customer

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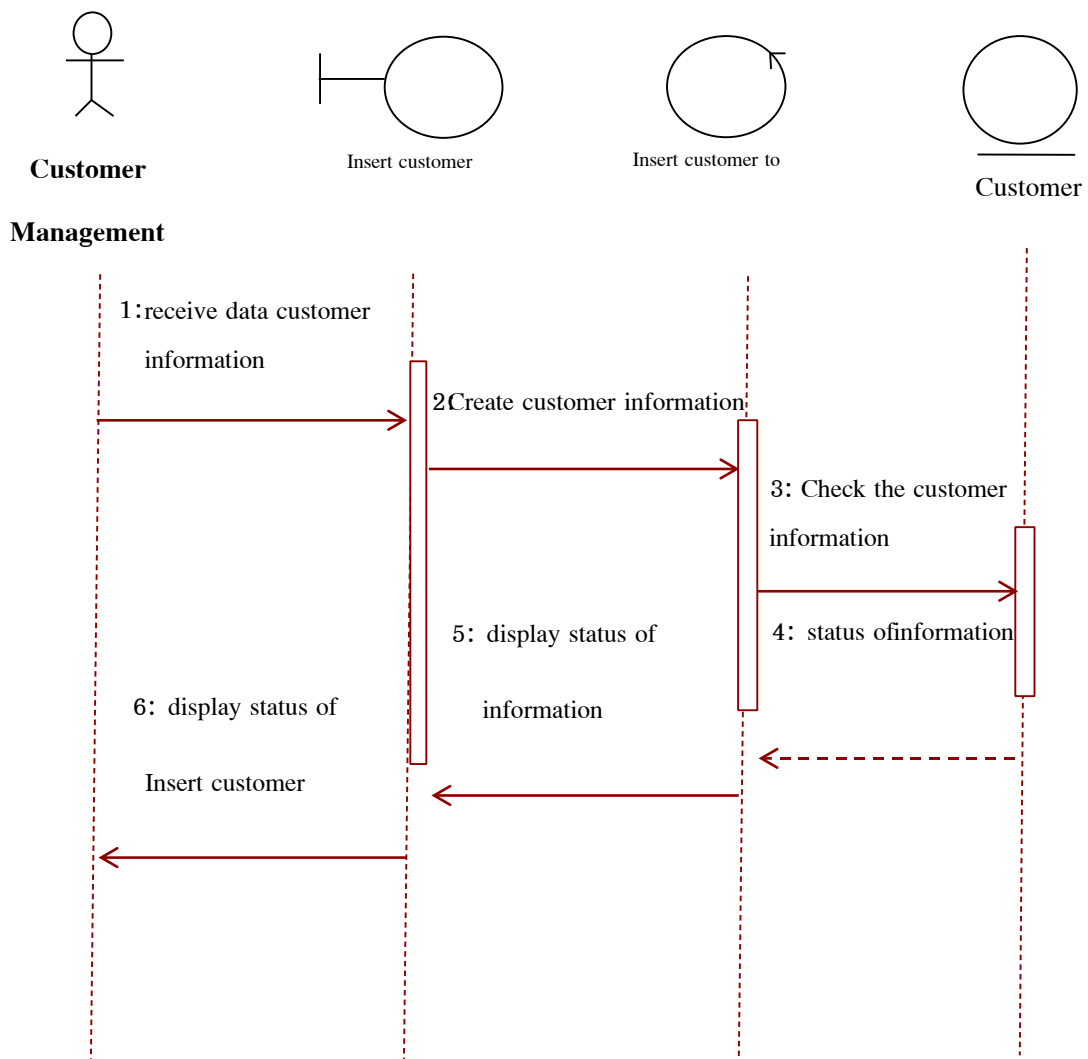
Sequence Diagram demonstrating operation "Investigate Information Customer"

• This diagram describes the system scenario of **"UC150: Investigate Information Customer"**

Investigate information

Customer

Investigate customer information

Customer

Management

1: Search customer information

2: Select customer information

3: investigate customer information

5: display status of investigate customer information

4: status of investigate customer information

6: display status of Customer information