**1. Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Date | Description | Version |
| CarLoanCalculator | October 20 2016 | - | 1.0 |
|  |  |  |  |

**2. Use Case Overview**

Use Case Diagram Level 0 : ระบบคำนวณค่างวดสินเชื่อรถยนต์

ระบบคำนวณค่างวดสินเชื่อรถยนต์

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**Customer Management**

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

Customer Management Sub-System

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**Customer Management**

**3. System Structure**

ระบบคำนวณค่างวดสินเชื่อรถยนต์

Customer Management

Update customer data

Customer Information Management

**4. Static Structure and Data Analysis**

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

Update an existing customer data

Customer Management

Update customer GUI

Update customer

To model

CustomerManagement

Report Screen

RetrievecustomerManagement

From Model

Customer Information Management

Customer Management

Customer Information Management

Customer Information Management

CustomerManagement

Report Screen

RetrieveCustomerManagement FromModel

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## **4.2 Entity Class Model**

|  |
| --- |
| Customer |
| Customer Id  Customer Name  Customer Address |
| Update Customer  Information Management |

## **5. System Behaviour Model**

**Sequence Diagram demonstrating operation “Update an existing customer”**

• This diagram describes the system scenario of **“UC120 : Update an customer ”**

Customer Management

Update customer GUI

**Customer Management**

**Service**

Update customer

To model

1: receive new customer

information

2: set the test sale marketing

3 insert update

6: display status of

Update customer

4: status of update information

5: display status of

update information

## **Sequence Diagram demonstrating operation “Customer Information Management”**

* This diagram describes the system scenario of “**UC150: Customer Information Management”**

Customer Management

Customer Information Management

**Customer Management**

**Service**

Customer Information Management

2: Check information on

be correct

1: Select type of information

3: send for edit or update information

5: display status of

information management

4: status of information

management

6: display status of

information management