**Mr.Sittinon Srinun | 5830213008**

# 1. Revision History

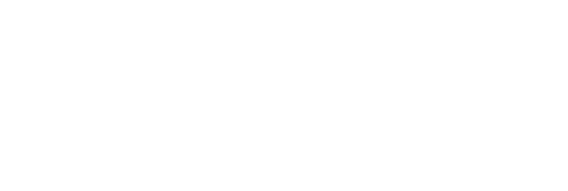
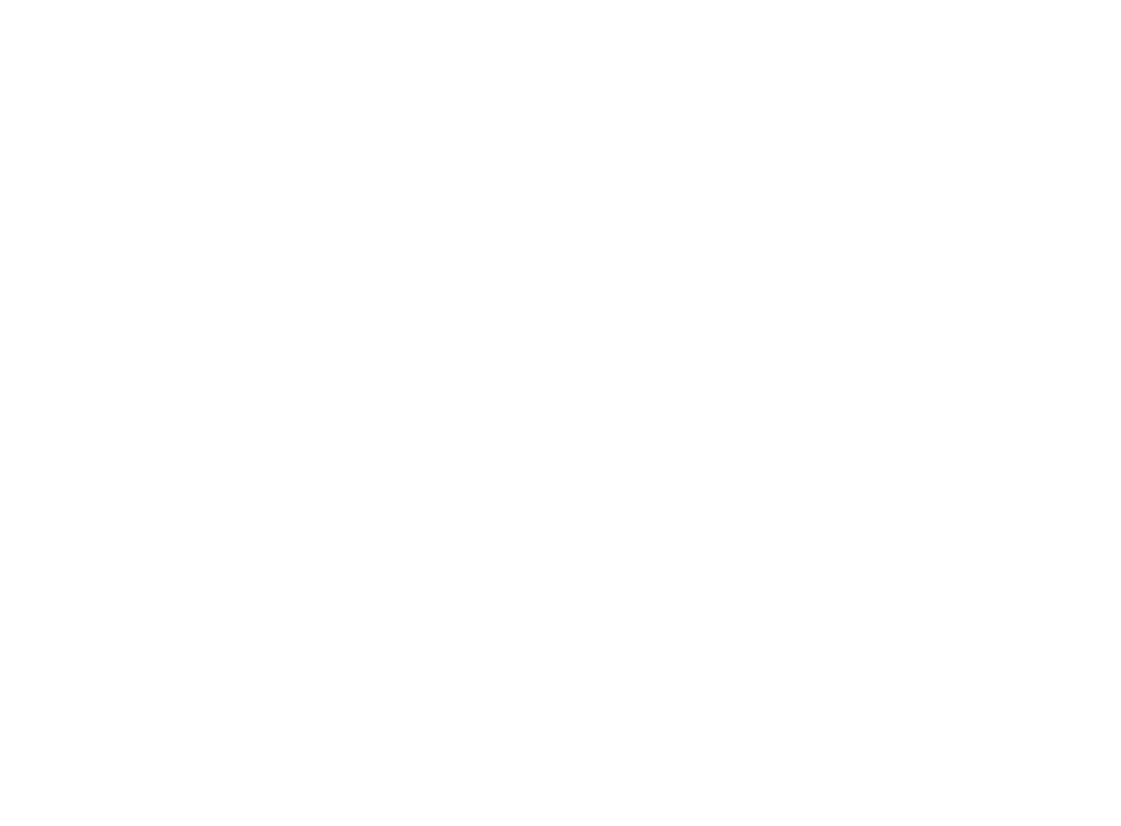
|  |  |  |  |
| --- | --- | --- | --- |
| Name | Date | Description | Version |
| CarLoanCalculator | October 20 2016 | - | 1.0 |
|  |  |  |  |

# 2. Use Case Overview

Use Case Diagram Level 0 : ระบบคำนวณค่างวดสิ้นเชื่อรถยนต์

**Customer**

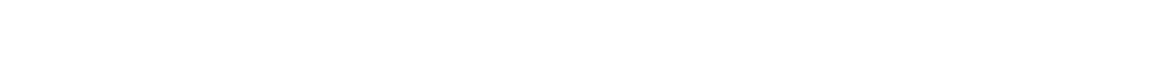
**Management**



Customer

Management

UC200



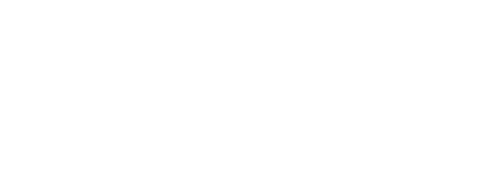
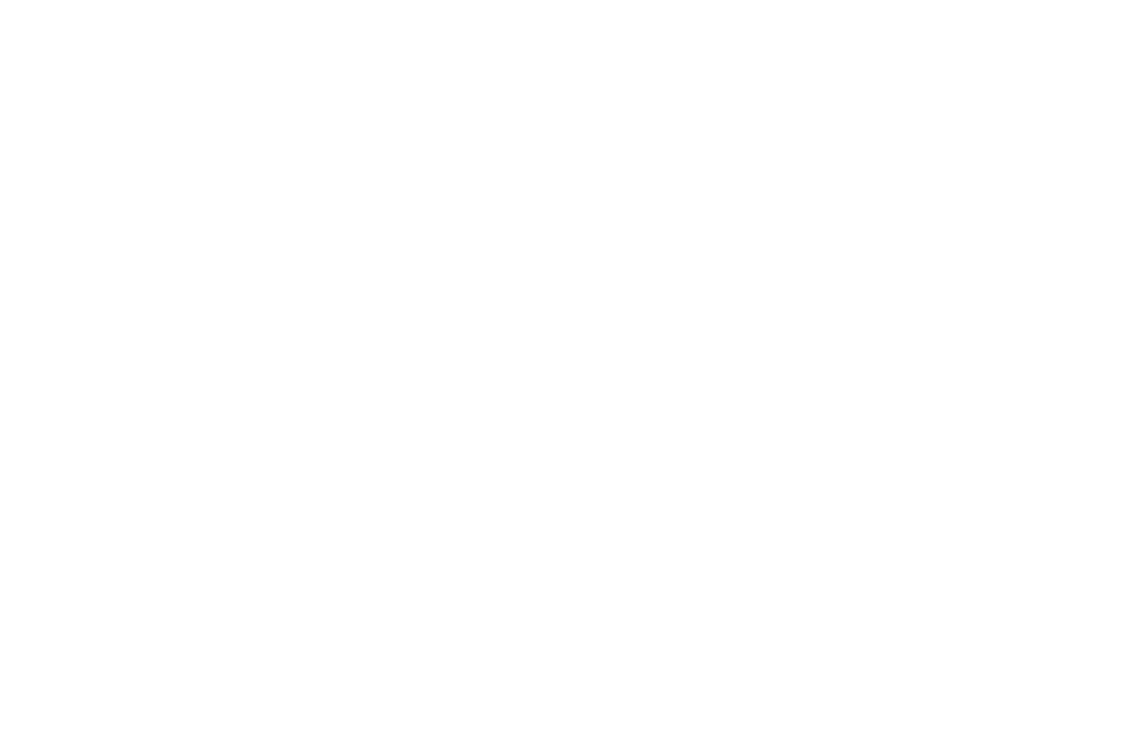
ระบบคำนวณค่างวดสินเชื่อรถยนต์

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

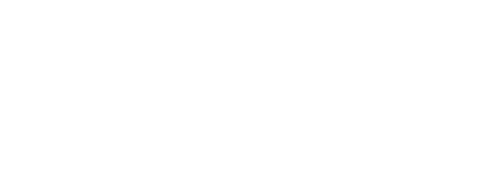


**Customer**

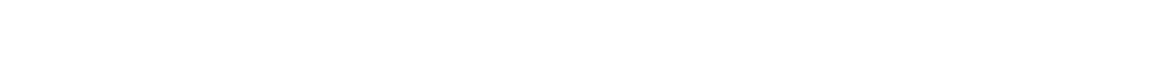
**Management**



Insert a new customer data



Investigate Information Customer



Customer

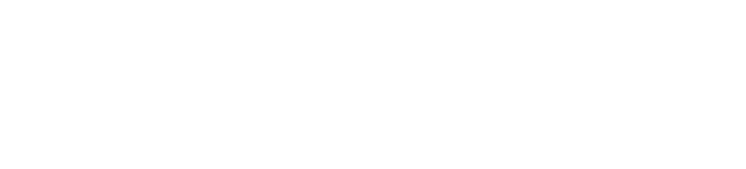
Management Sub

-

System

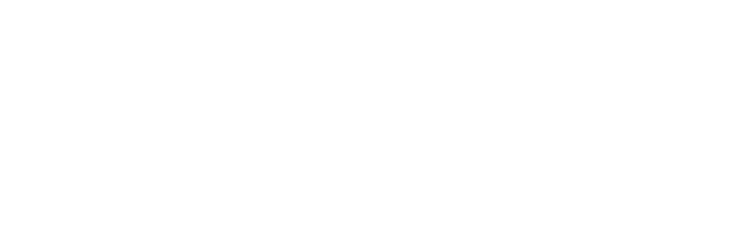
**Mr.Sittinon Srinun | 5830213008**

**3. System Structure**

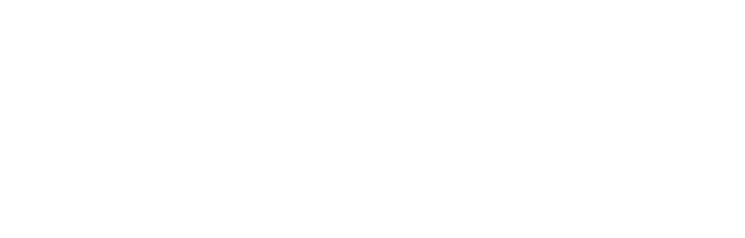


Customer

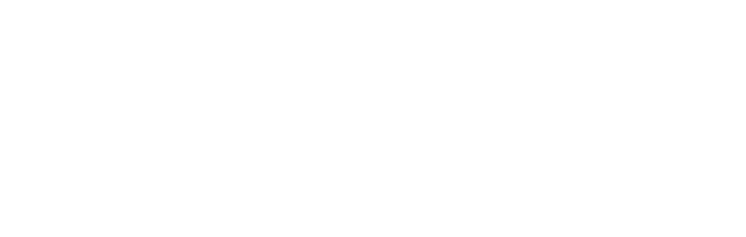
Management



ระบบคำนวณสินเชื่อรถยนต์



Insert a new customer data

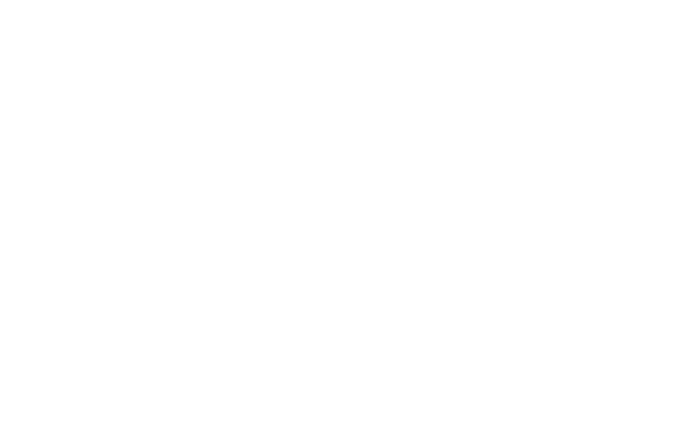


Investigate Information Customer

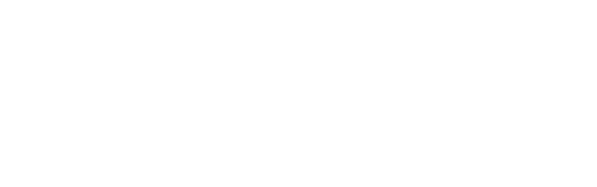
**4. Static Structure and Data Analysis**

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

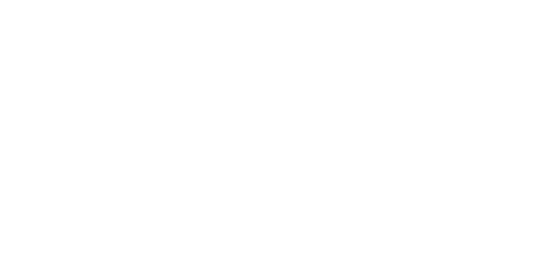
Insert a new customer data



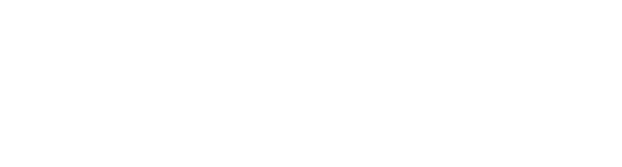
Insert customer



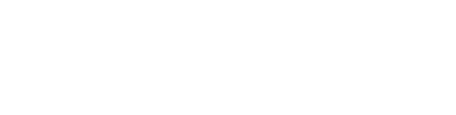
Insert customer To



Customer Management Report Screen



Retrieve customer Management From Model

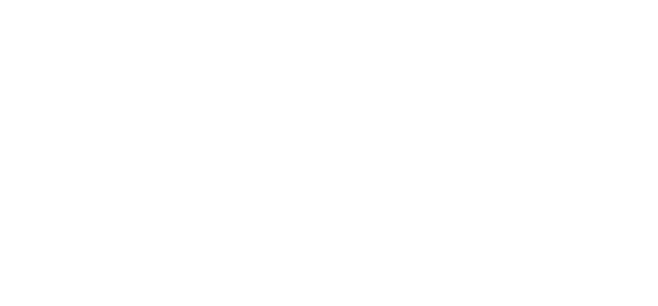


Customer Management

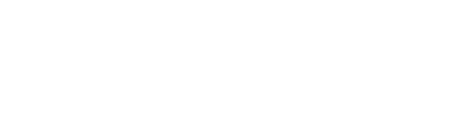
**Mr.Sittinon Srinun | 5830213008**

Insert a new customer data

Customer

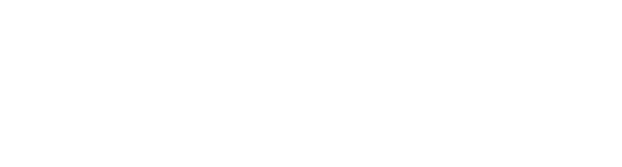


Investigate Information Information

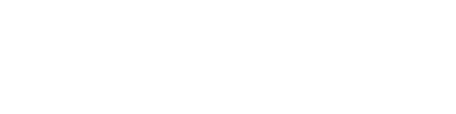


Investigate Information

Customer Management Report Screen



Retrieve customer Management From Model



Customer Management

**4.2 Entity Class Model**

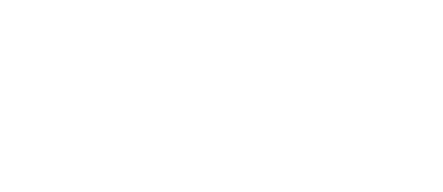
|  |
| --- |
| Customer |
| Customer Id  Customer Name  Customer Address |
| Insert a new customer data  Investigate information Customer |

**Mr.Sittinon Srinun | 5830213008**

**5. System Behaviour Model**

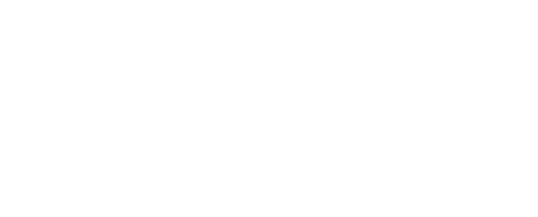
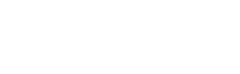
# Sequence Diagram demonstrating operation “Insert a new customer data”

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



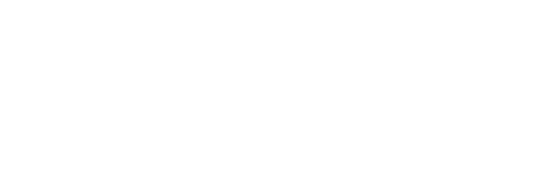
**Customer**

**Management**



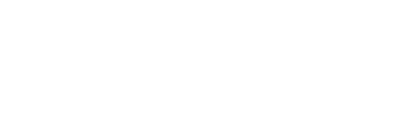
1:

receive data customer information

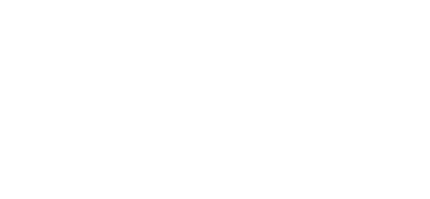


2:

Create customer information



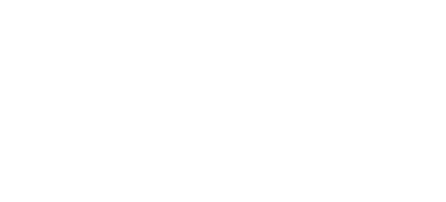
3: Check the customer information



status of

4:

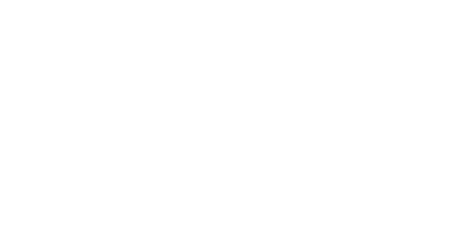
information



display status of

5:

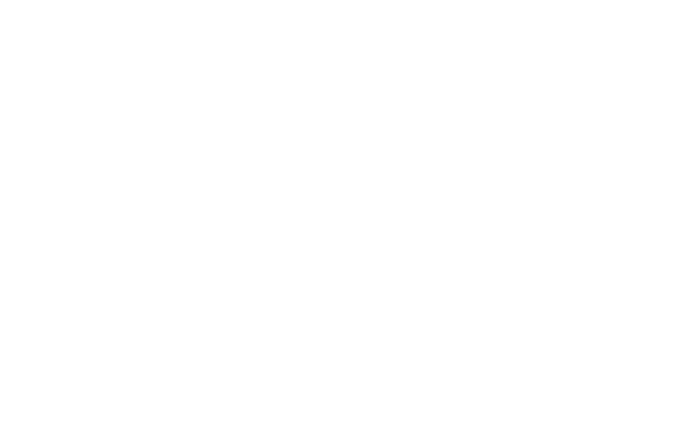
information



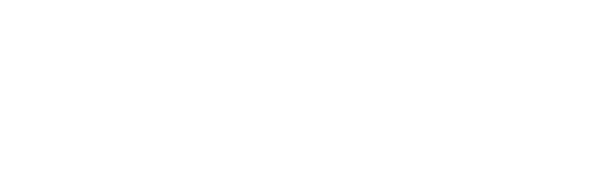
display status of

6:

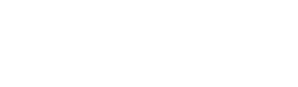
Insert customer



Insert customer



Insert customer to

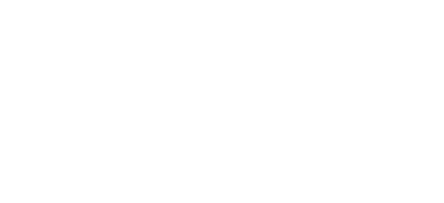


Customer

**Mr.Sittinon Srinun | 5830213008**

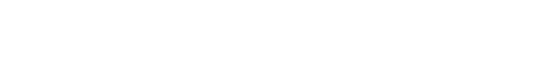
# Sequence Diagram demonstrating operation “Investigate Information Customer”

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

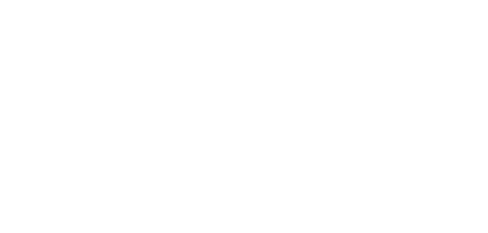


**Customer**

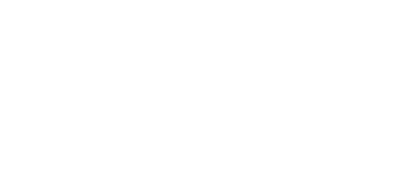
**Management**



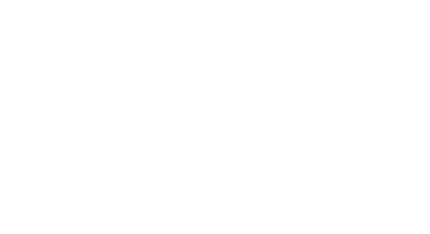
1: Search customer information



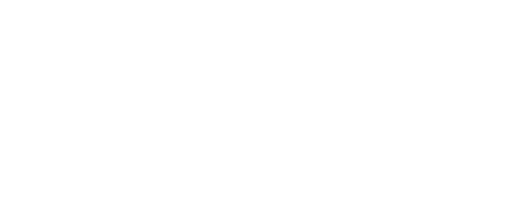
2: Select customer information



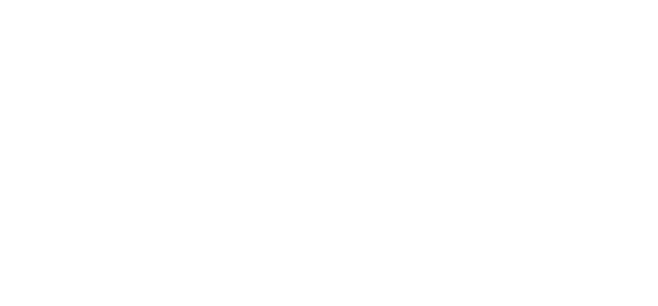
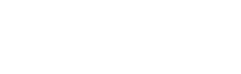
3: investigate customer information



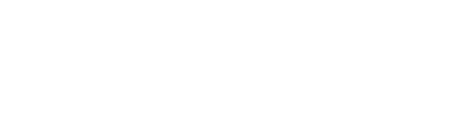
4: status of investigate customer information



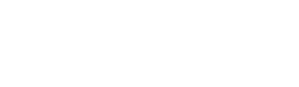
5: display status of investigate customer information



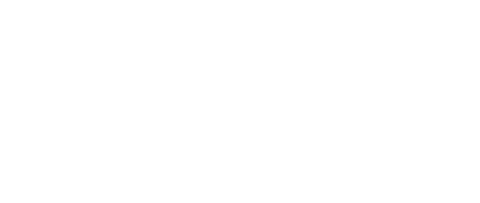
Investigate information



Investigate customer information



Customer



6:

display status of

Customer information