



โปรแกรมขายสินค้าหน้าร้าน bSoft POS system

Version 1.0

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11/11/2016

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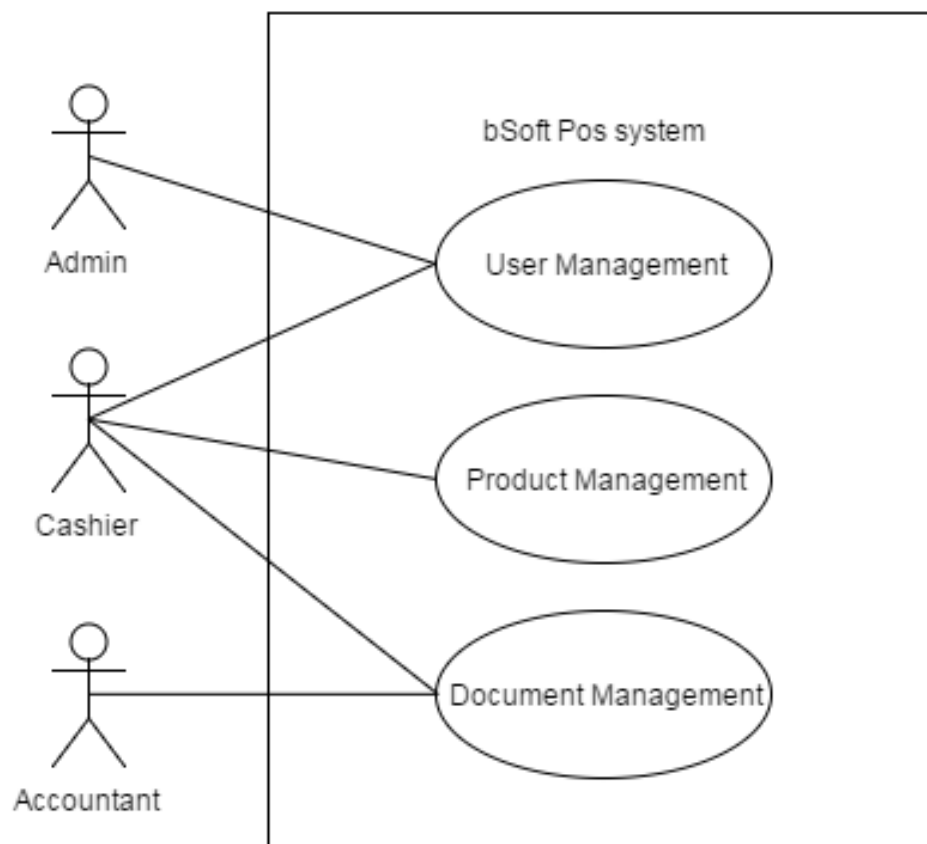
1.Revision History

Revision History identify changes to the Design Document

Name	Date	Description	Version
bSoft Pos system	11/11/2559	Describe all structure in system breakdown	1.0

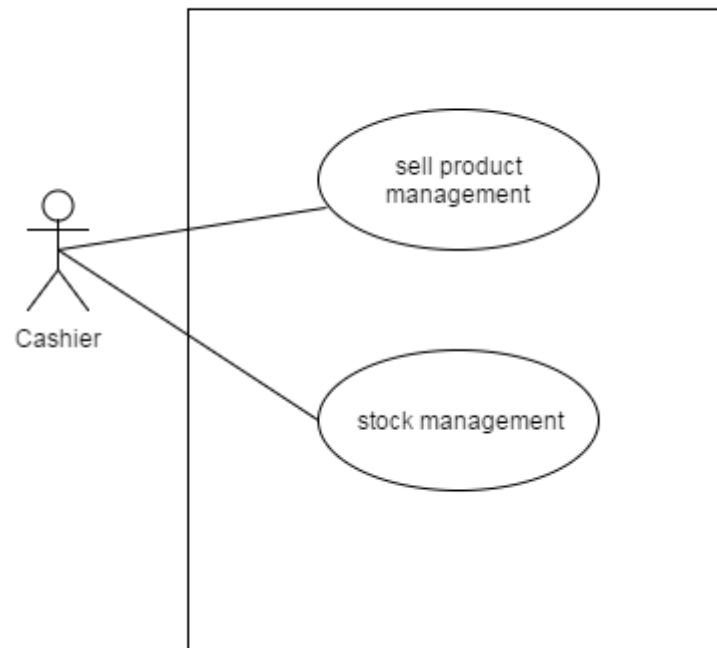
2. Use case overview

Use Case Diagram Level 0 : bSoft POS system



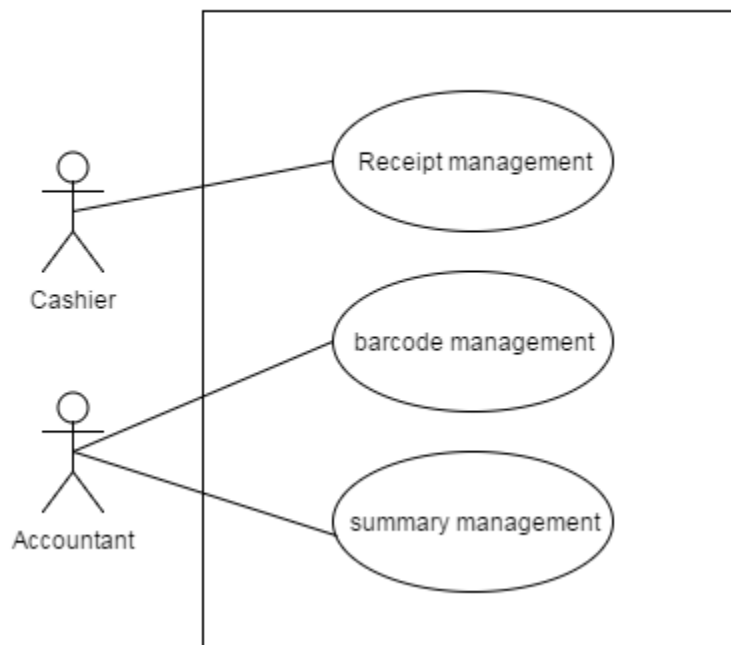
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Use case Diagram level 1 : Product Management sub-system



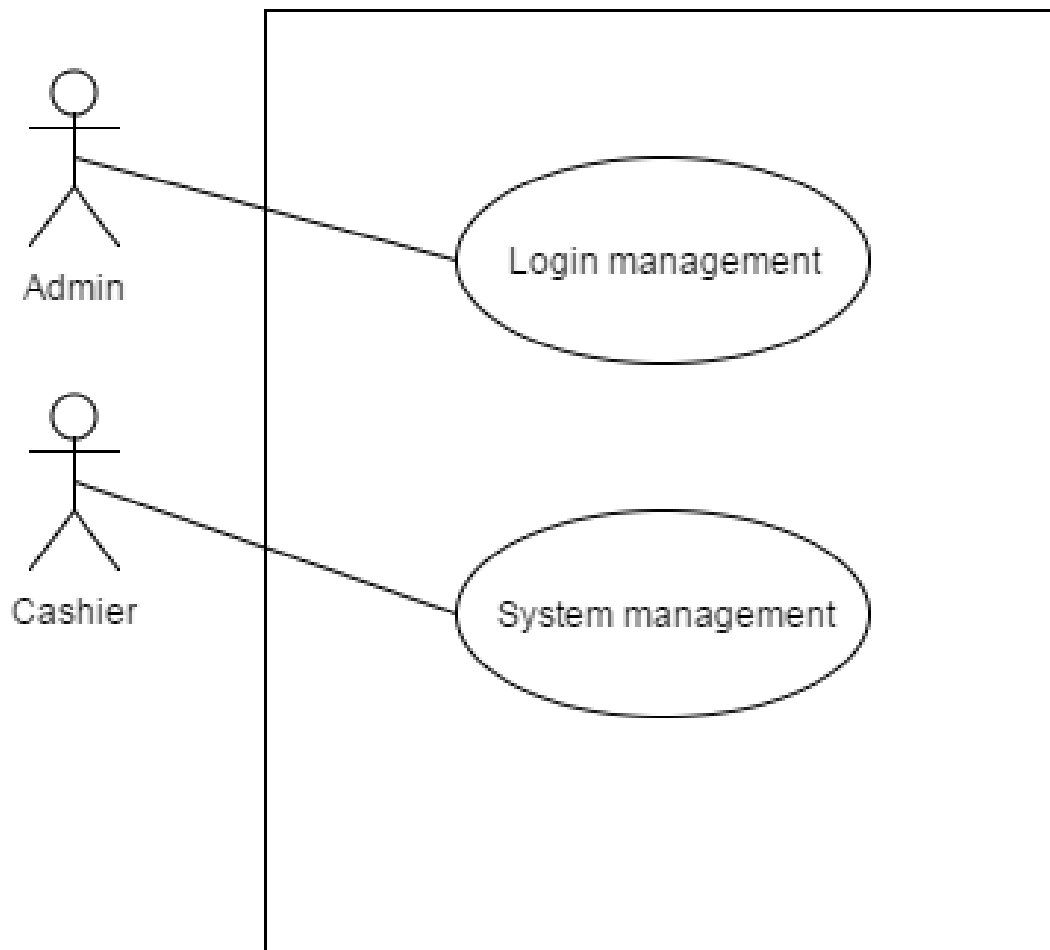
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Use case Diagram level 1 : Document Management sub-system



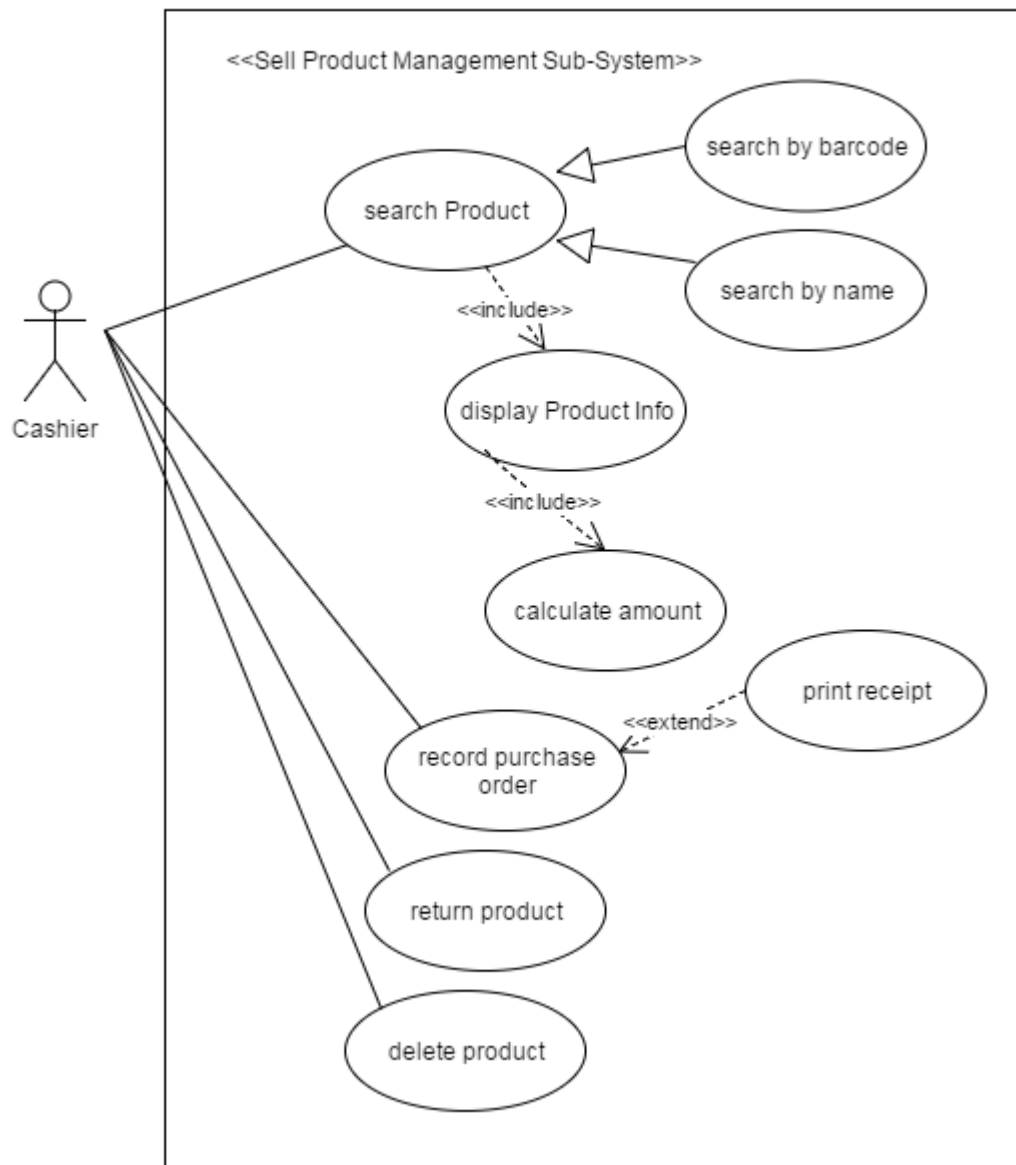
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Use case Diagram level 1 : User Management sub-system

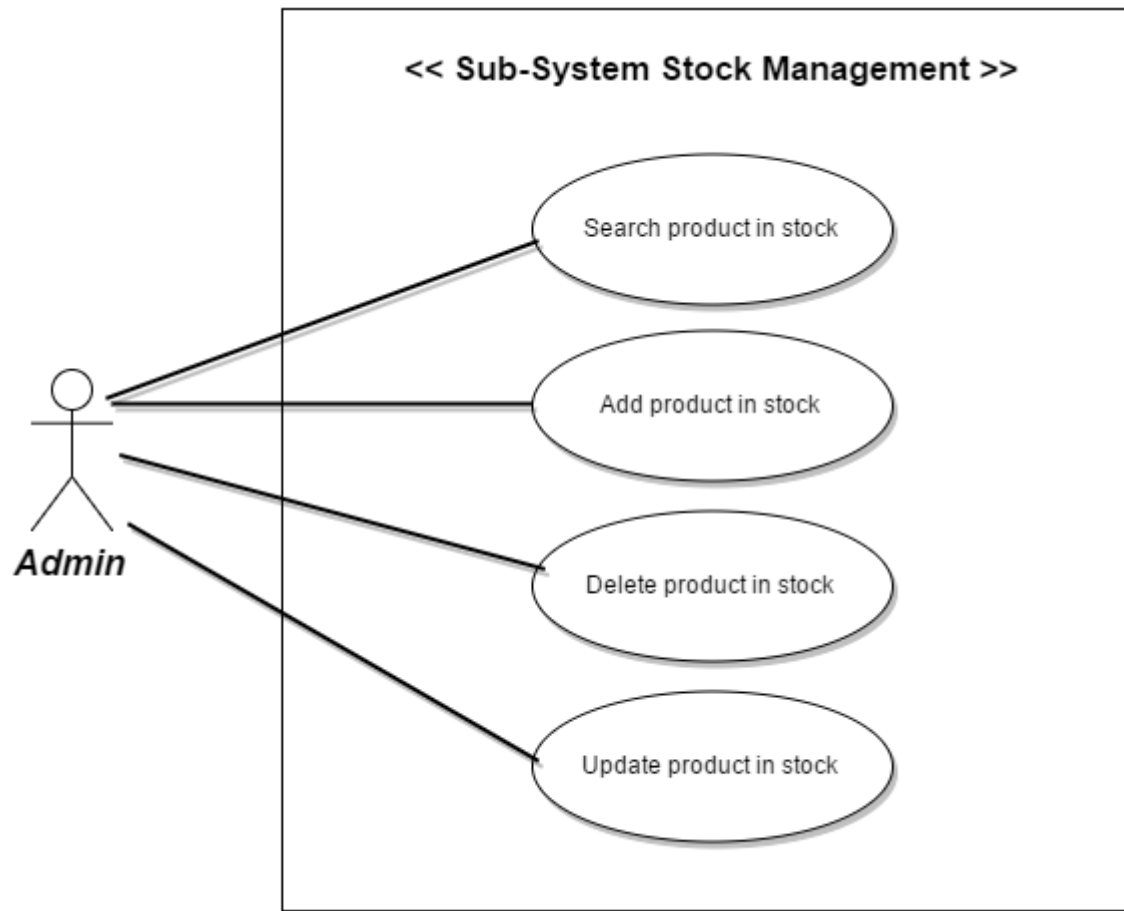


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Use Case Diagram Level 2 : sell product management sub-system

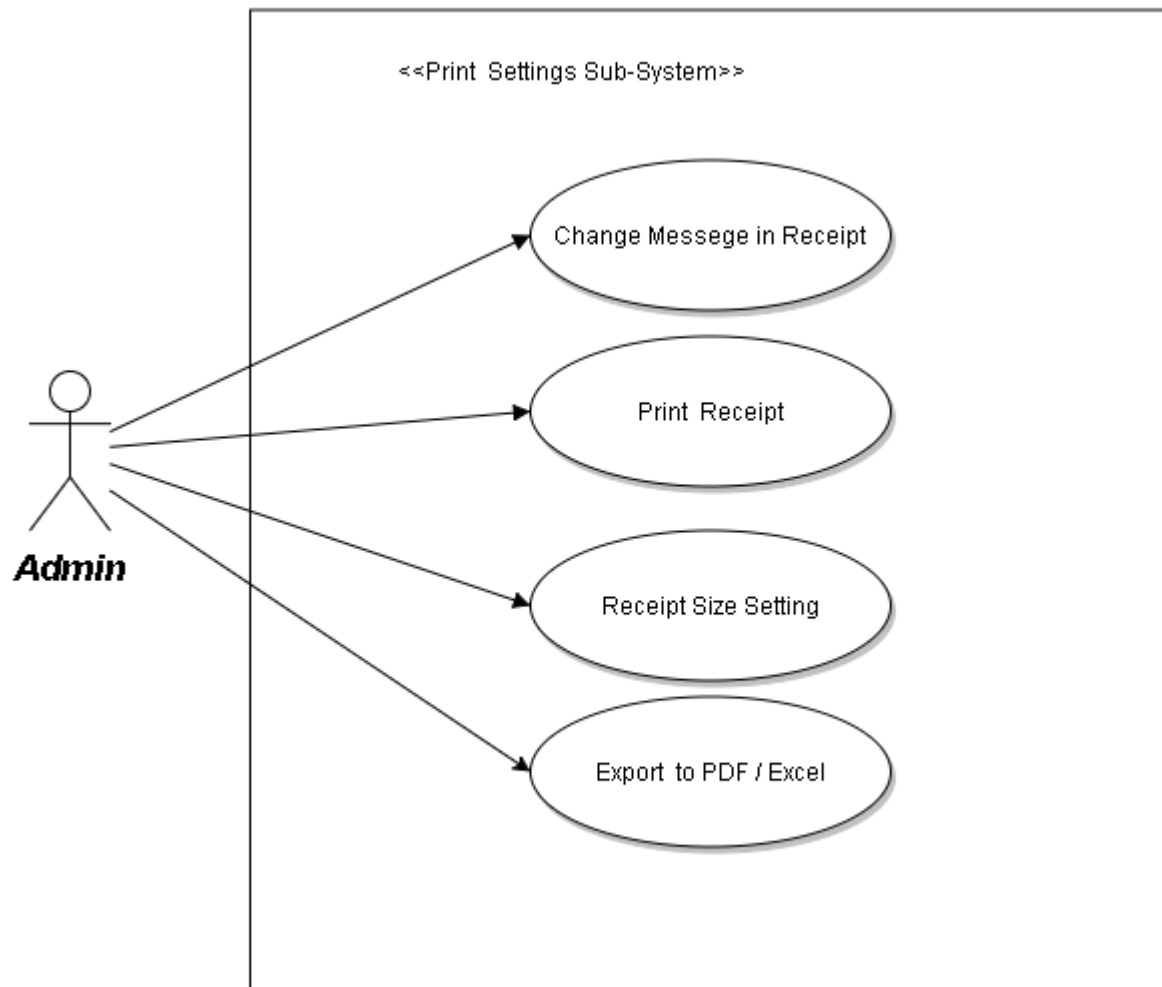


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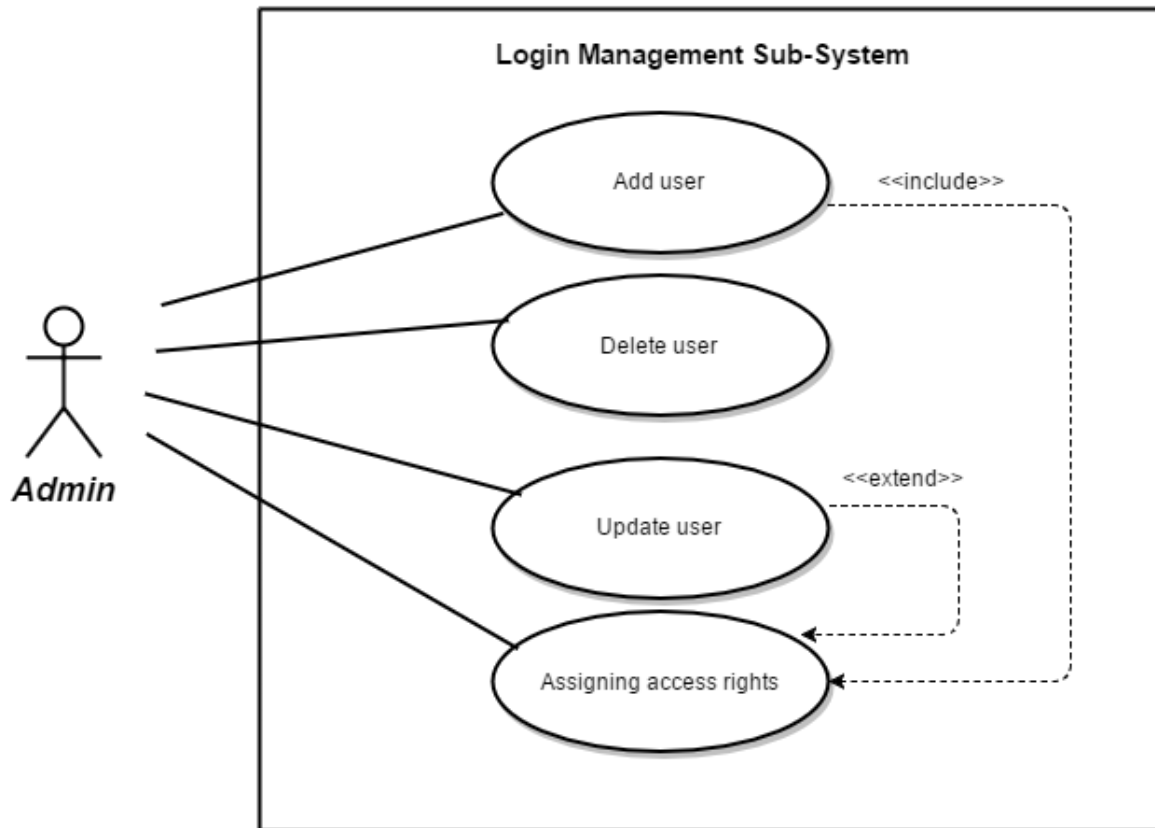
Use case diagram level 2 : Stock management subsystem

Mr. Ruslan Hama 57302130063



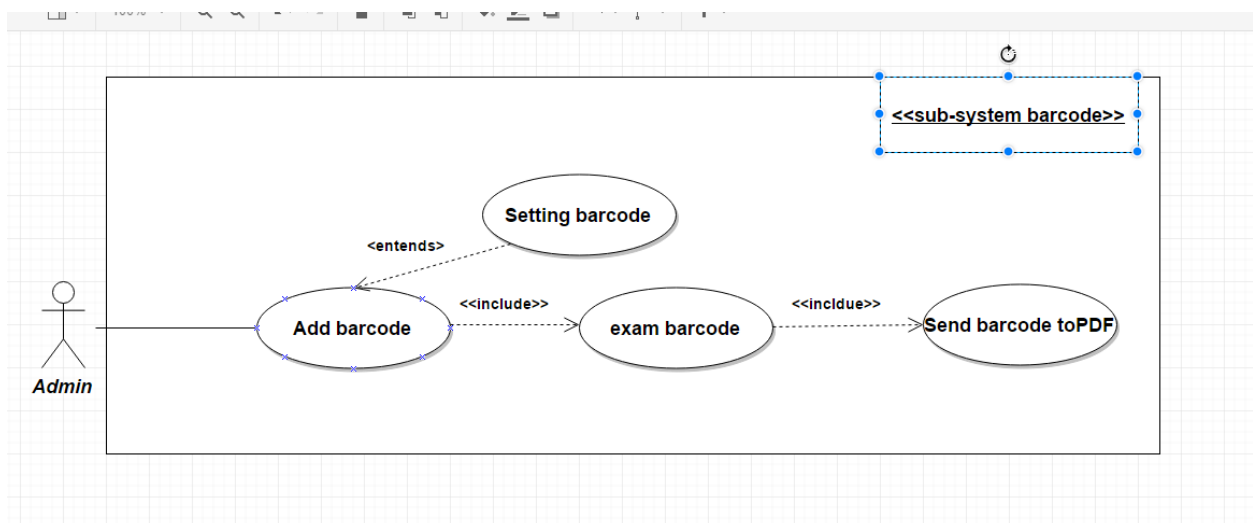
Use case diagram level 2 : Receipt management subsystem

Mr. Arsad Dengchi 5730213065



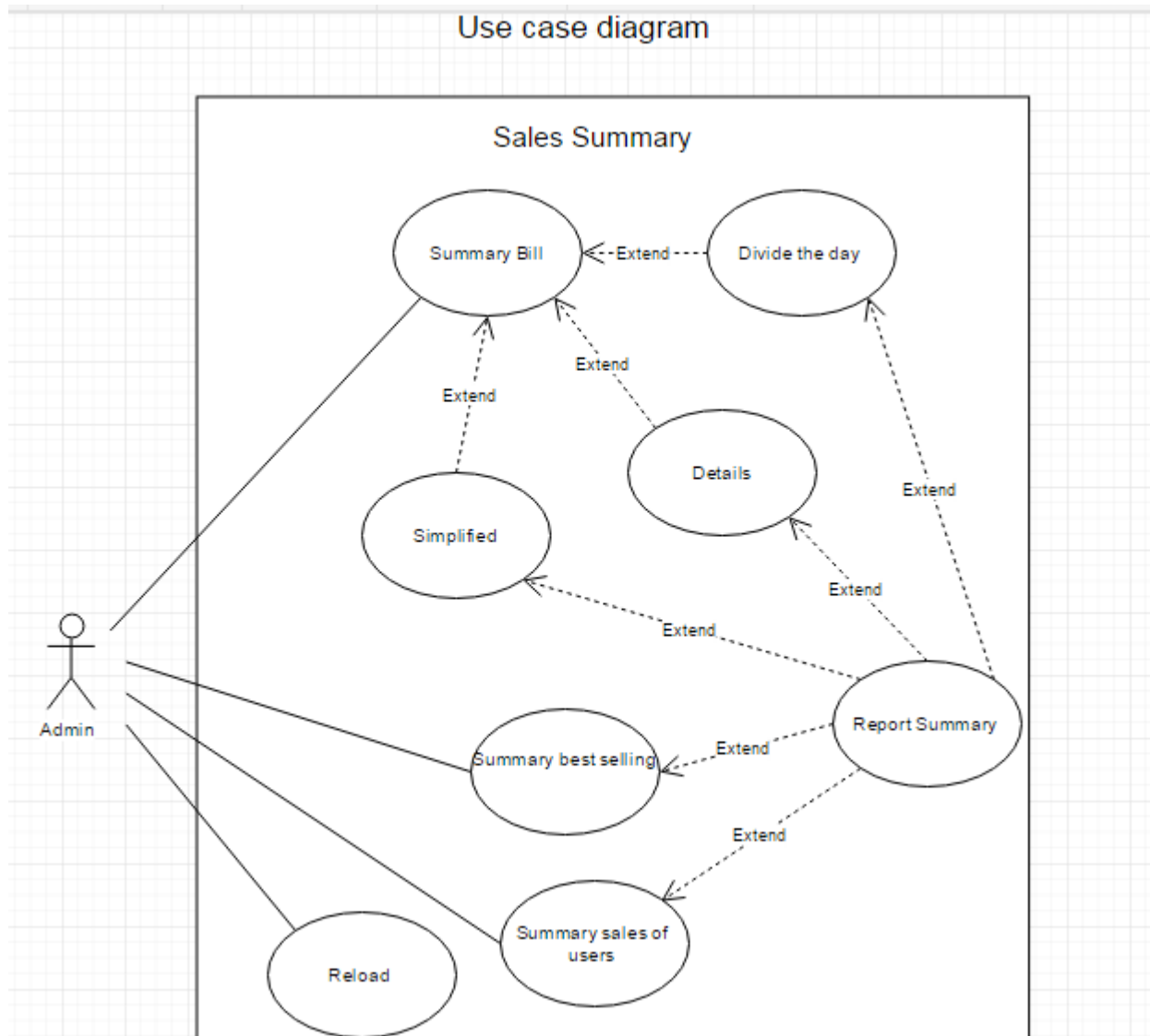
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Use case diagram level 2 : login management subsystem



Use case diagram level 2 : Barcode management subsystem

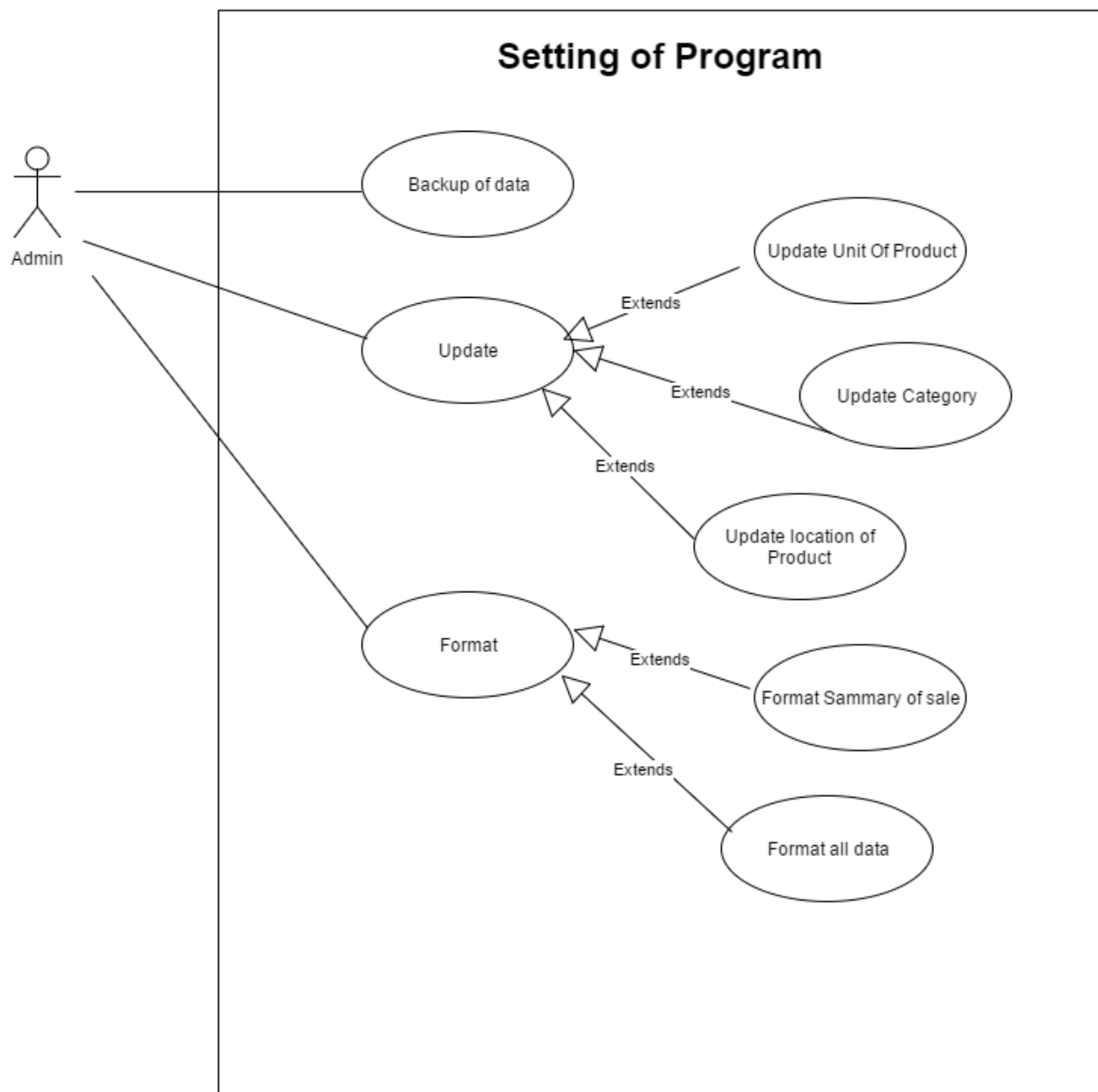
Mr. Nantipat Tullwattana 5730213093



Use case diagram level 2 : Summary management subsystem

Mr. Warunyou Keeretichot 5730213099

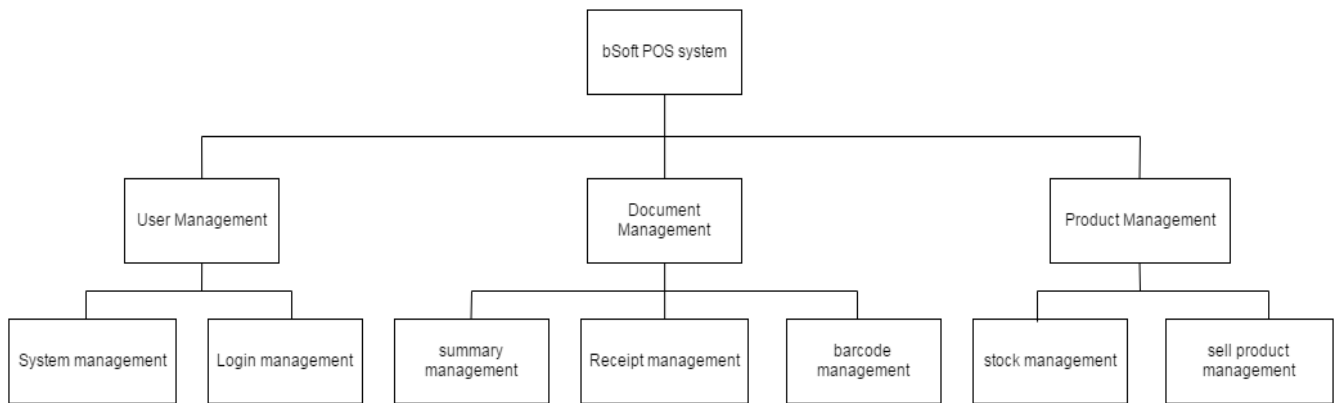
Use case Diagram



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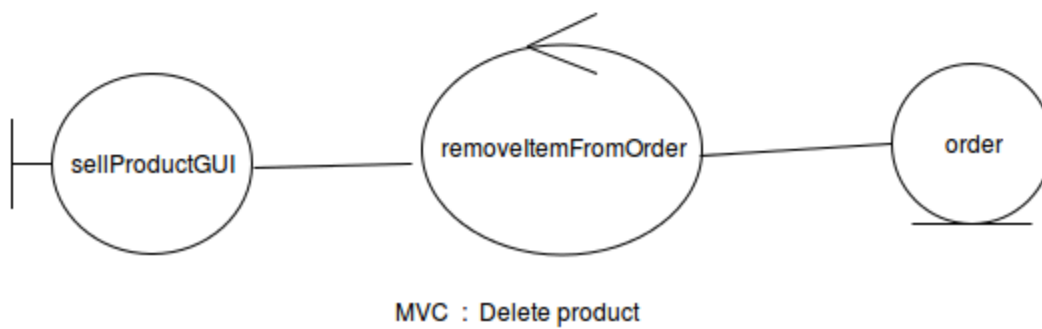
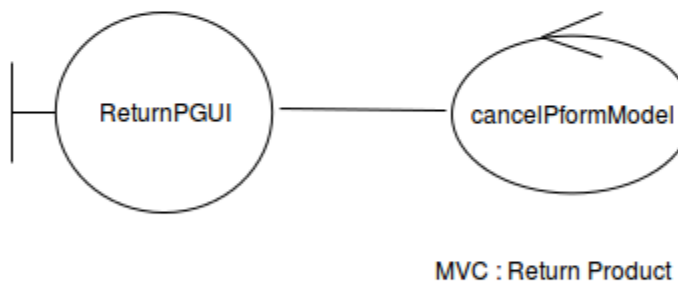
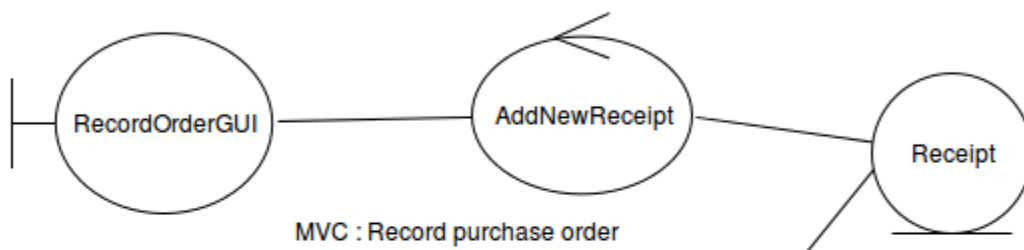
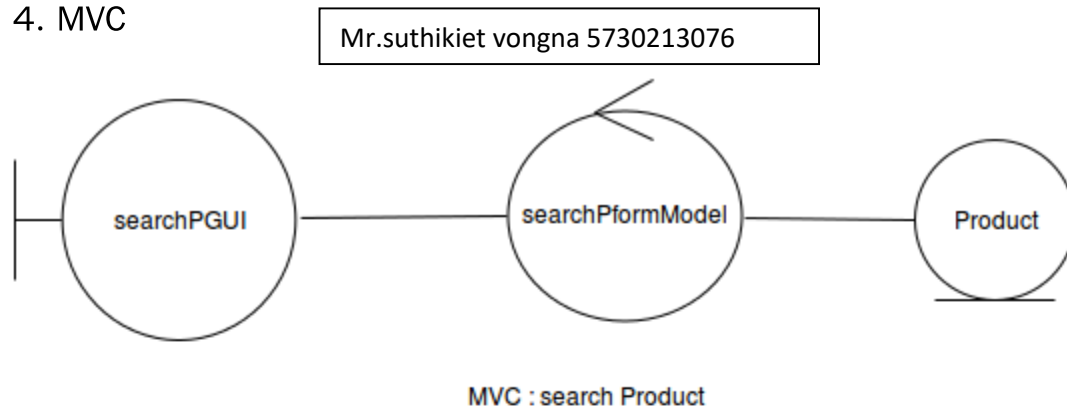
Use case diagram level 2 : System setting management subsystem

3. System Structure



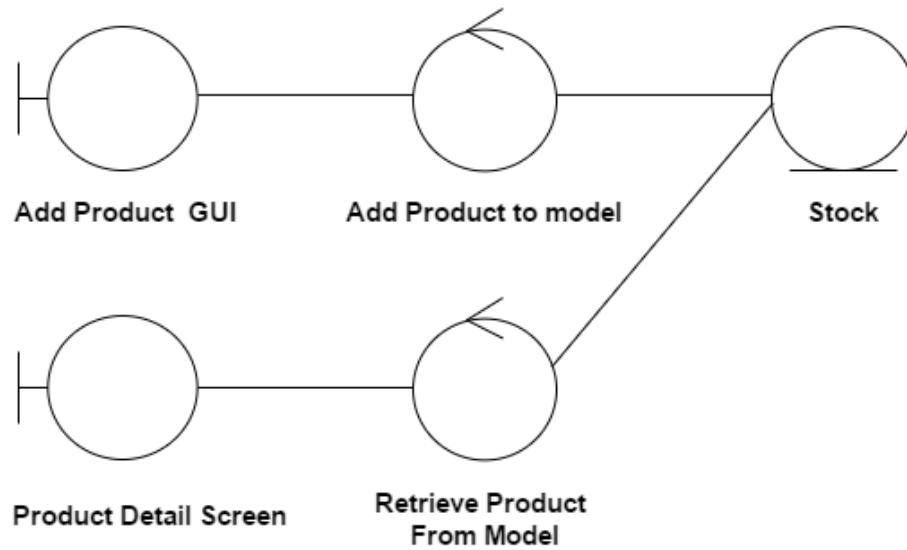
Mr.suthikiet vongna 5730213076

4. MVC

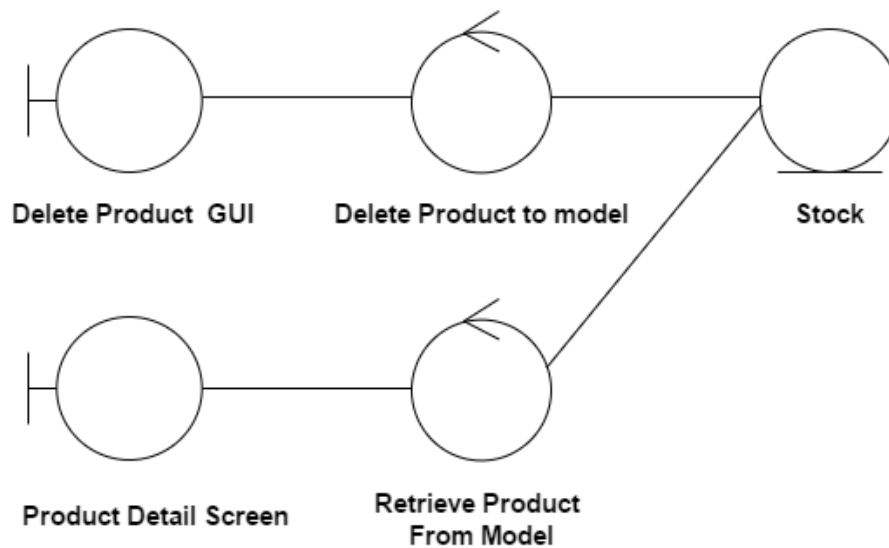


MVC : sell product management subsystem

MVC Add Product

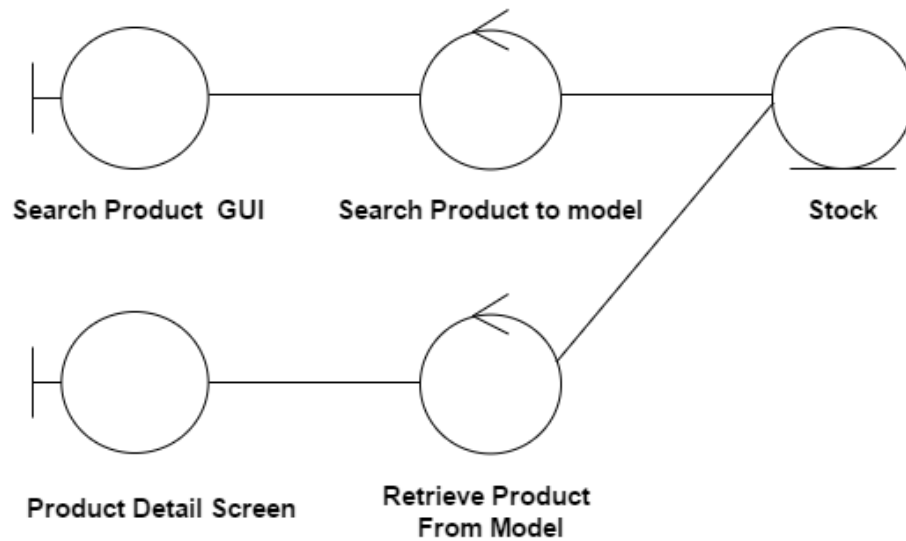


MVC Delete Product

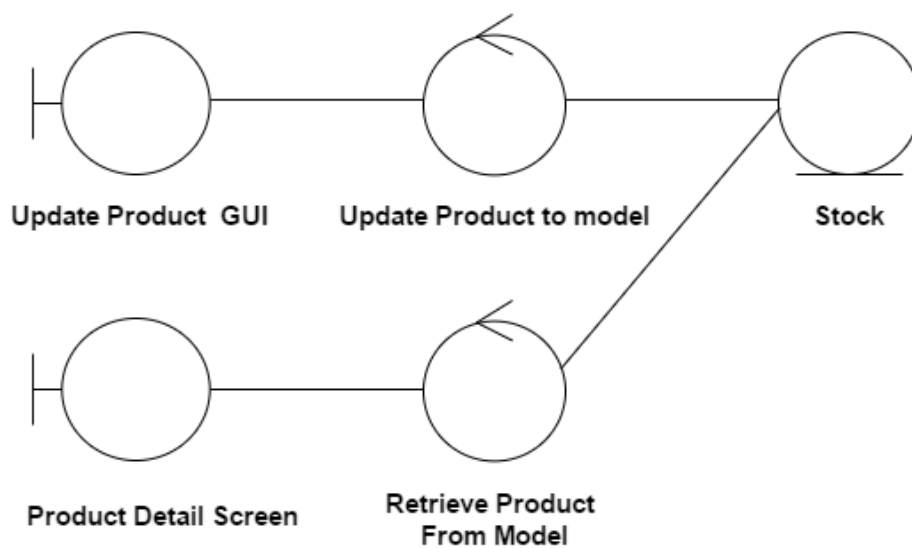


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MVC Search Product



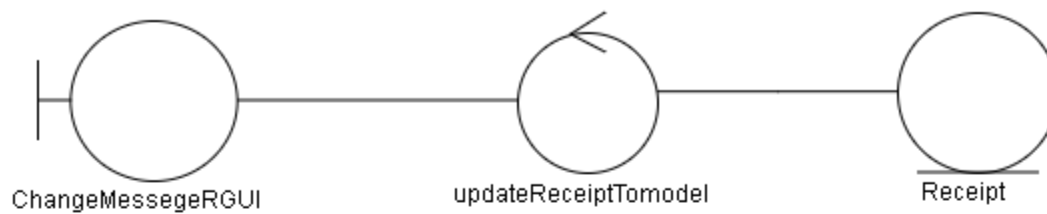
MVC Update Product



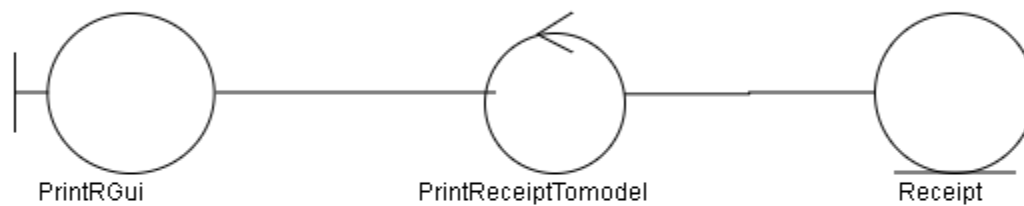
MVC : stock management subsystem

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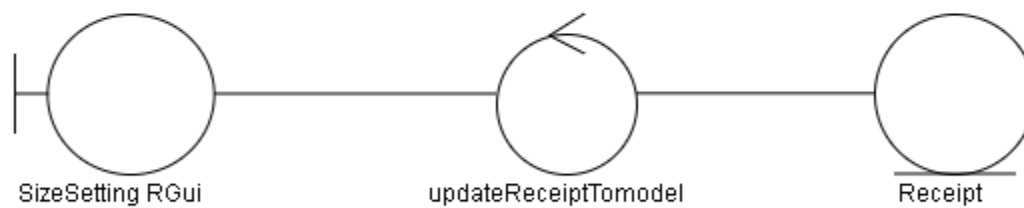
MVC Change Messege in Receipt



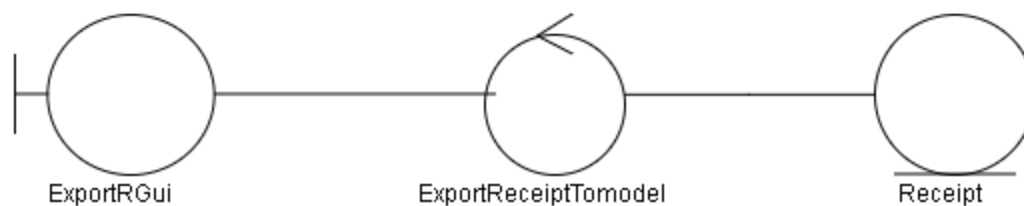
MVC Print Recipt



MVC Receipt Size Setting

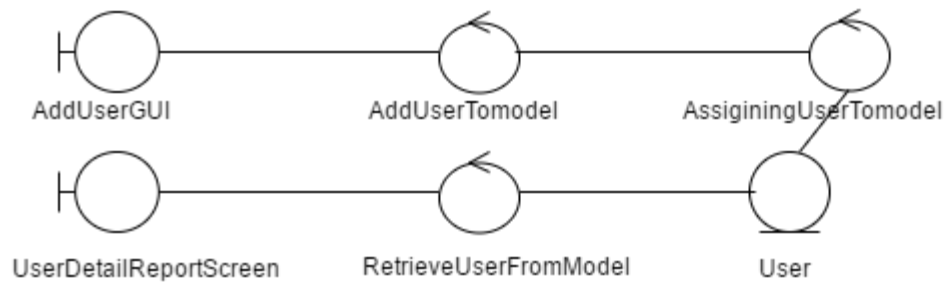
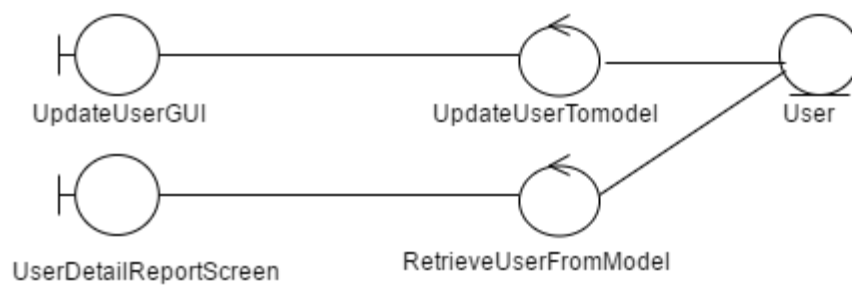
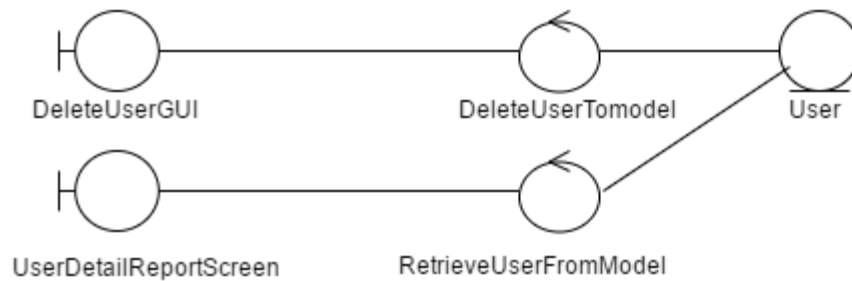
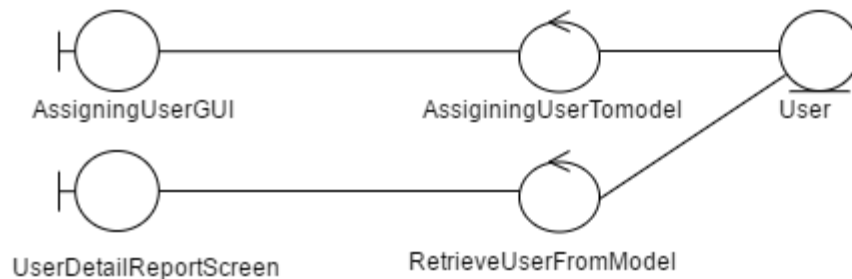


MVC Export to PDF / Excel

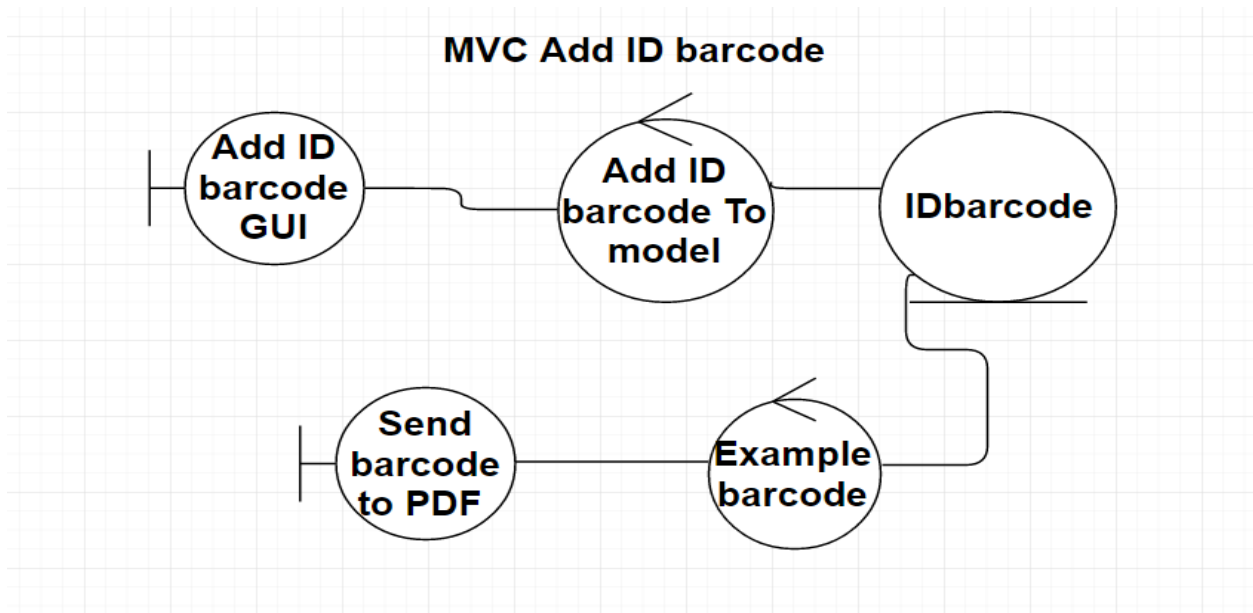


MVC : Receipt management subsystem

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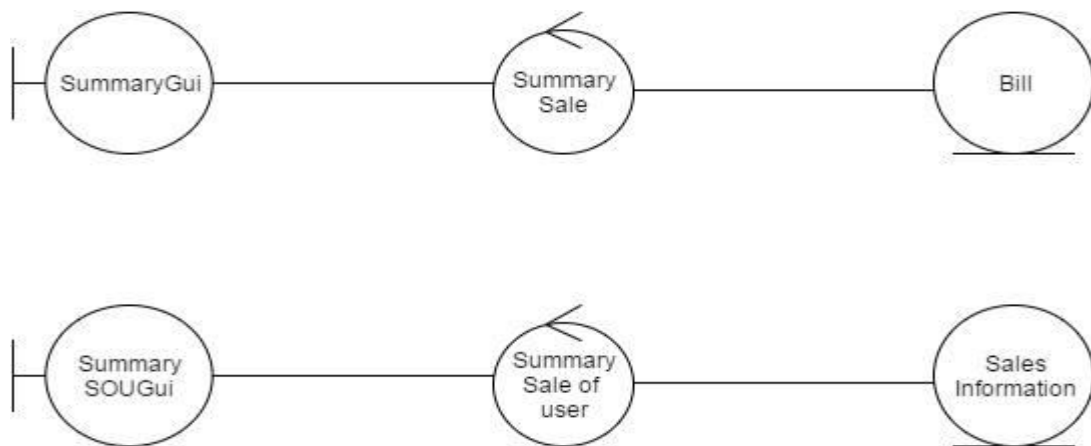
MVC Add User**MVC Update User****MVC Delete User****MVC Assigning access rights****Nonlapun Pansit 5730213003 SE**

MVC : Login management subsystem



MVC : barcode management subsystem

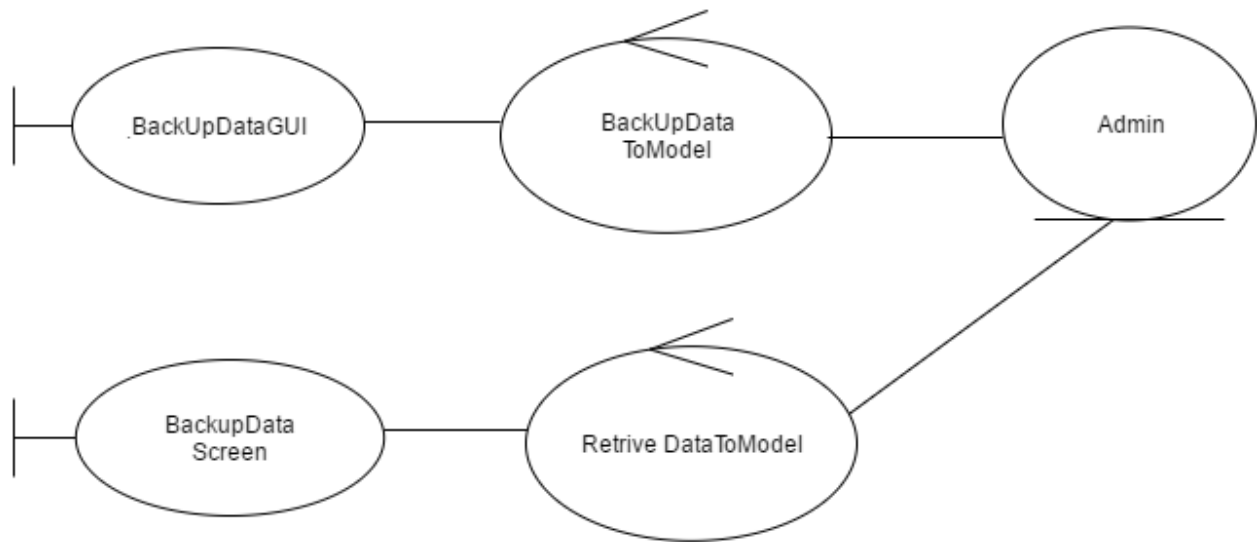
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MVC : summary management subsystem

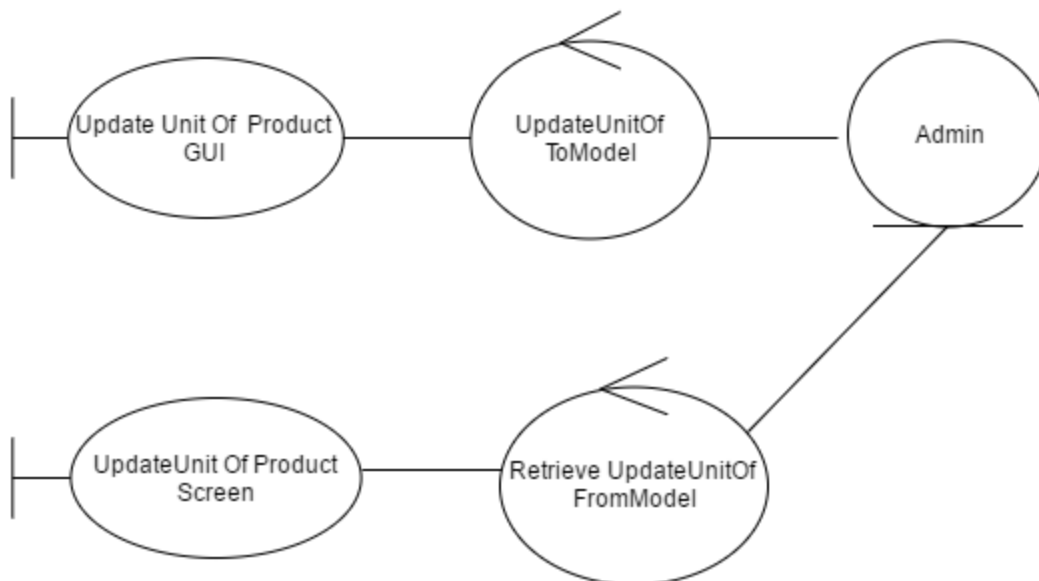
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Backup data MVC



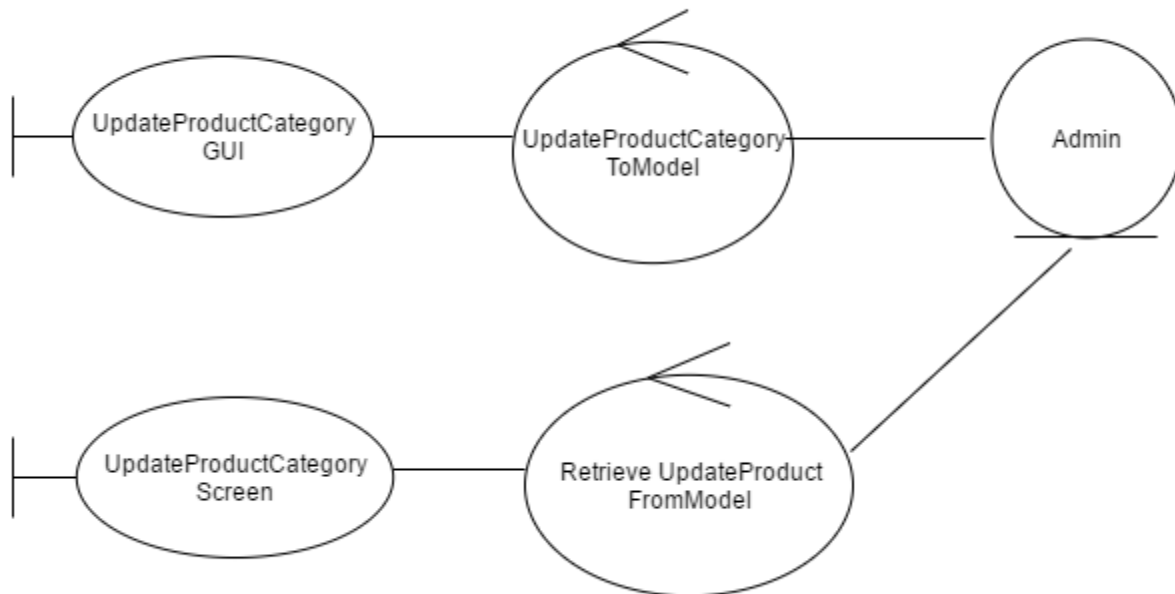
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UpdateUnitOfProduct MVC



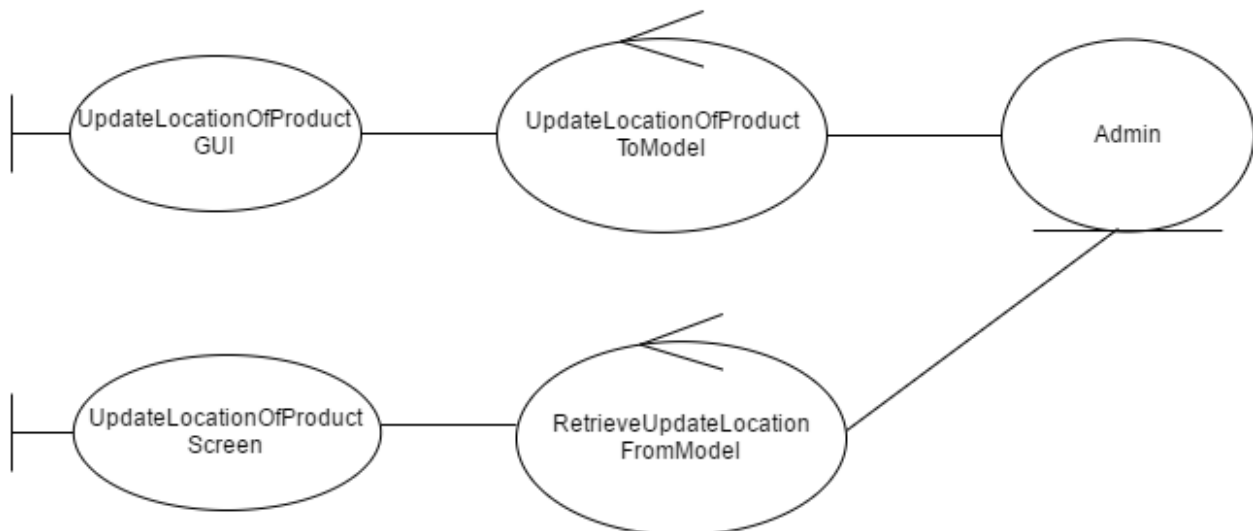
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Update Product Category MVC



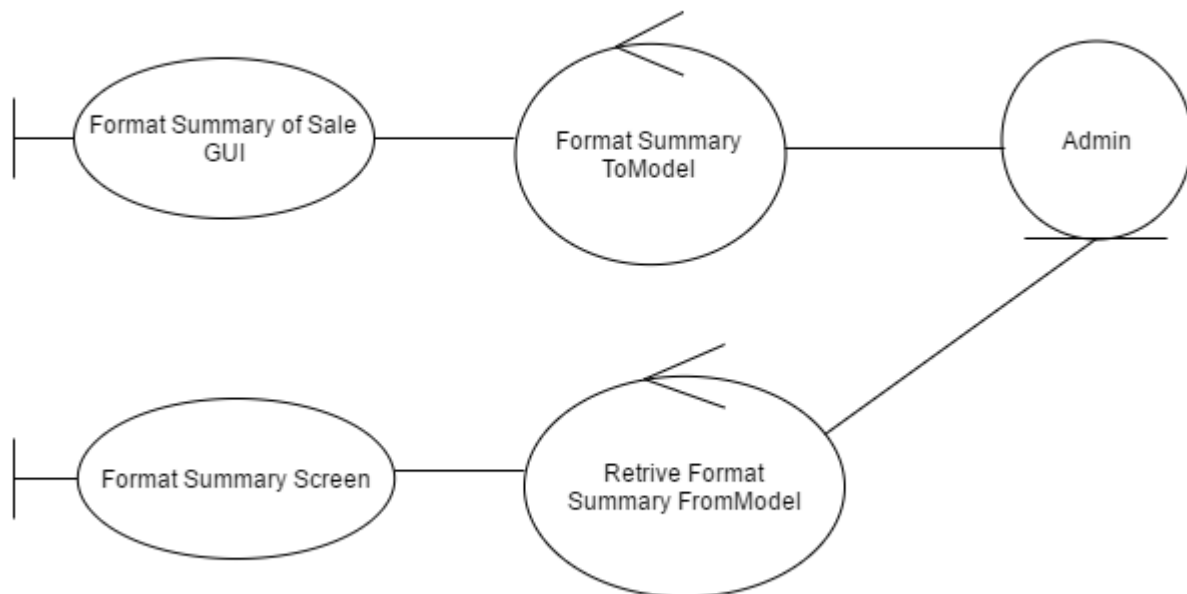
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Update Location Of Product MVC



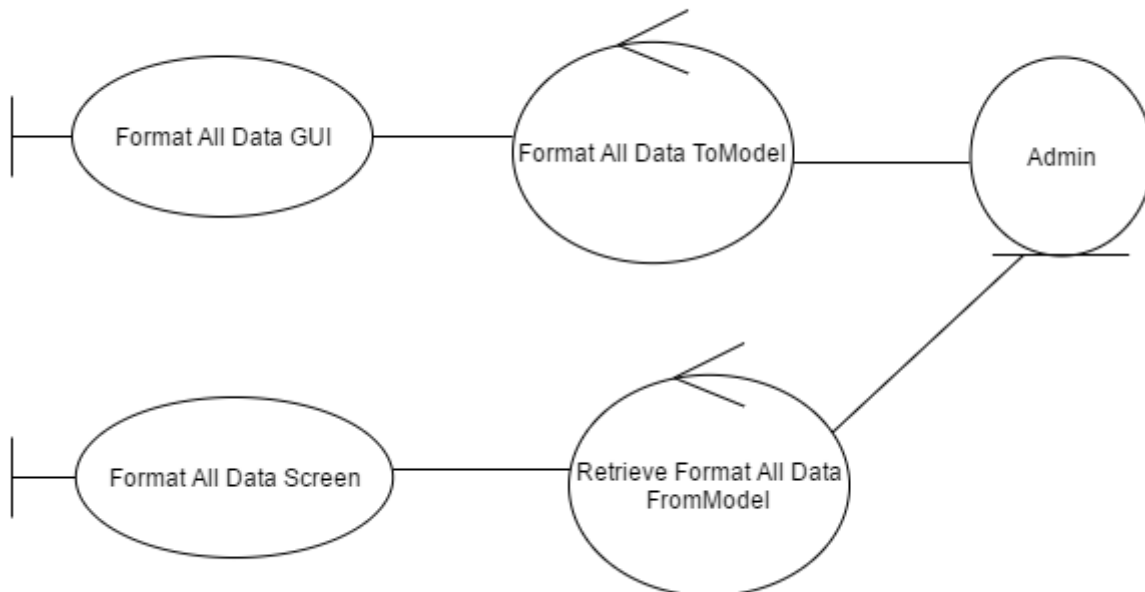
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Format Summary Of Sale MVC



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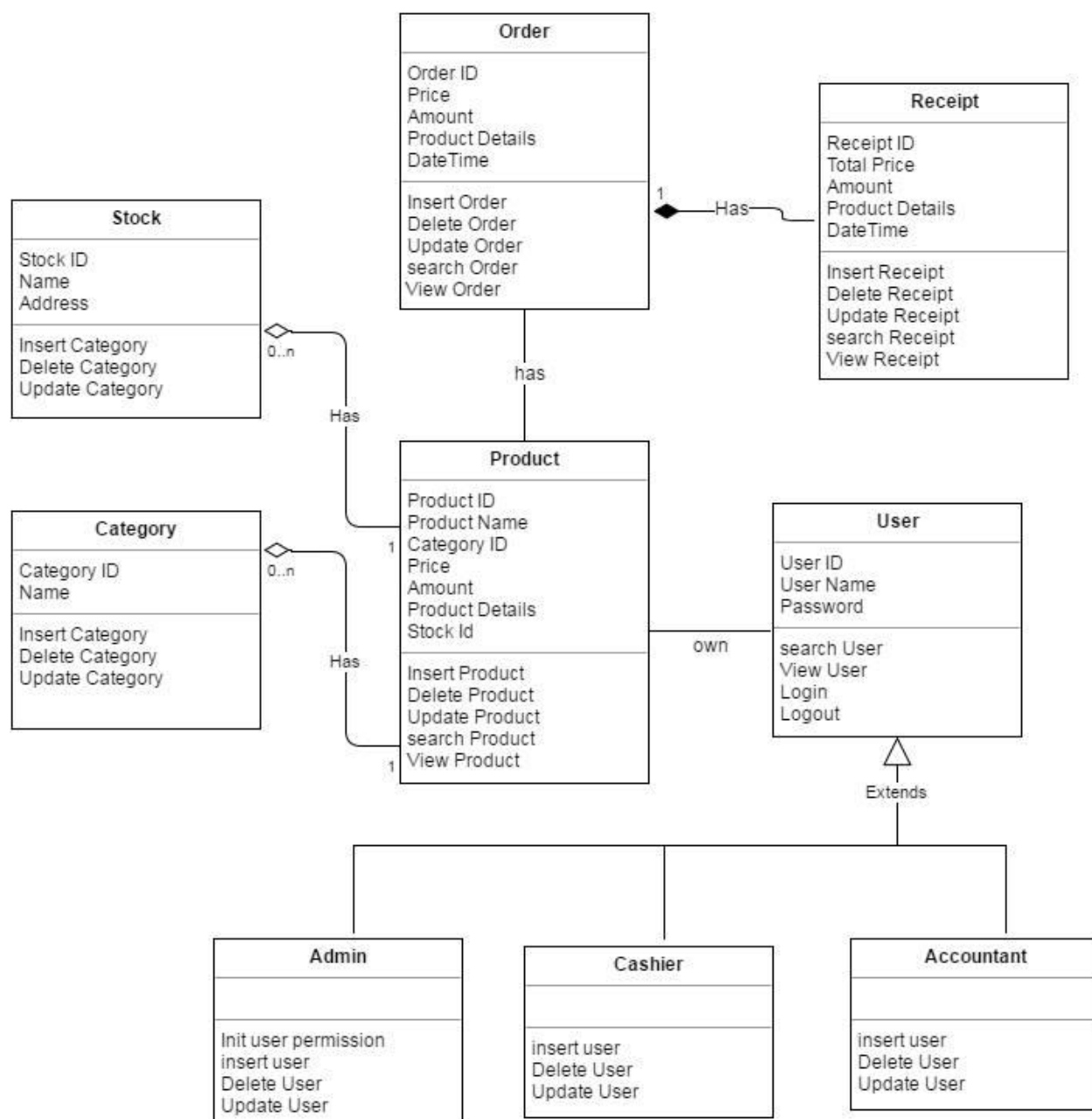
Format All Data MVC



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MVC : Program setting management subsystem

5. class diagram

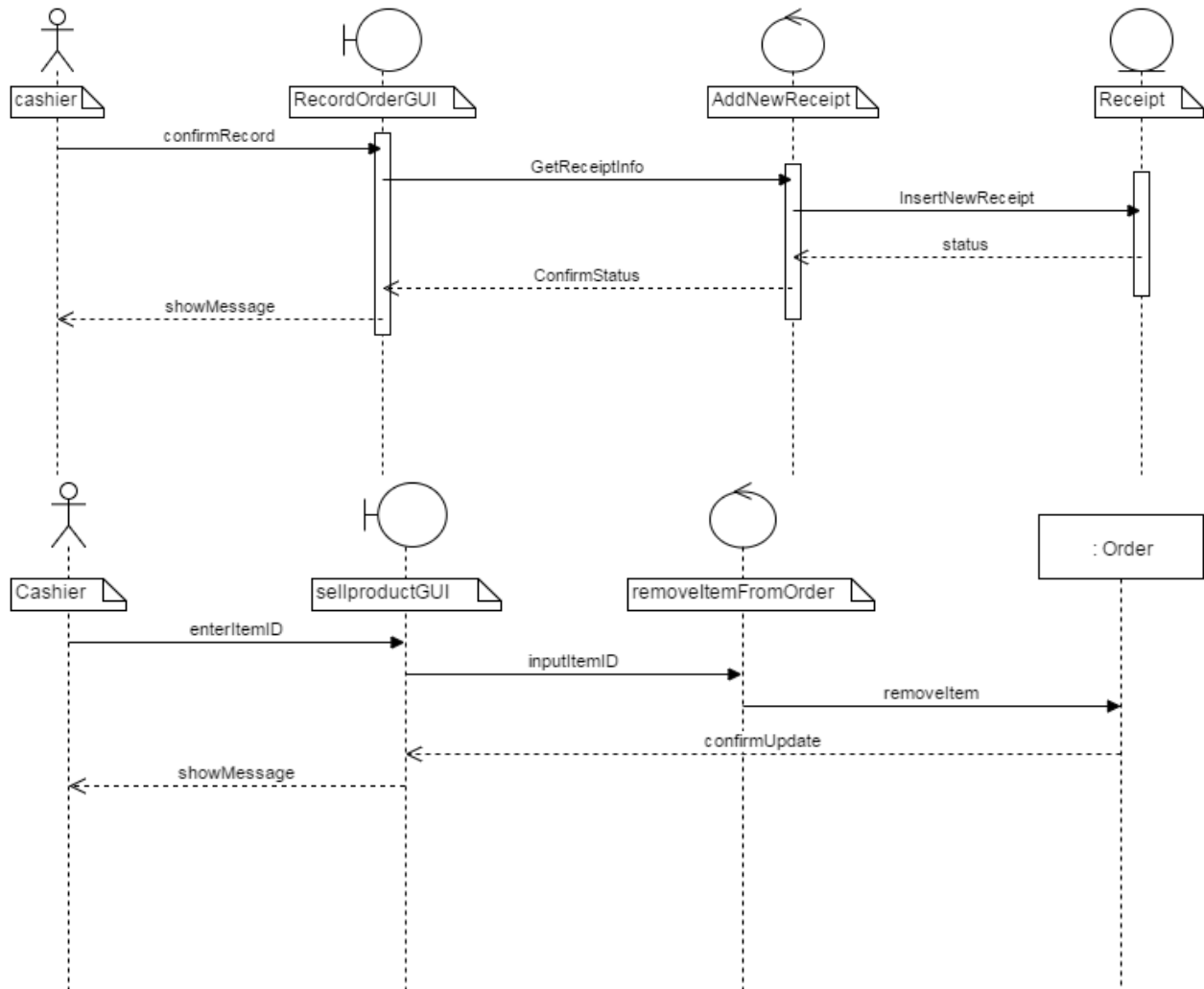


Class diagram : โปรแกรมขายสินค้าหน้าร้าน bSoft POS system

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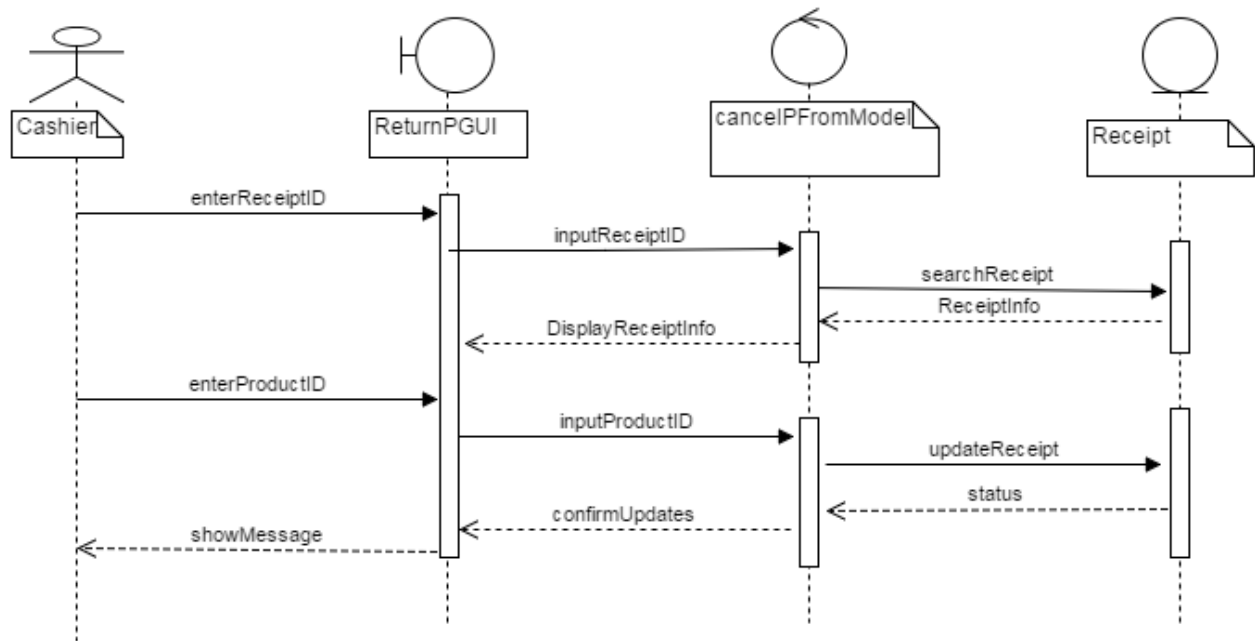
6. System behavior Model

Sequence diagram : record purchase order (sell product subsystem)

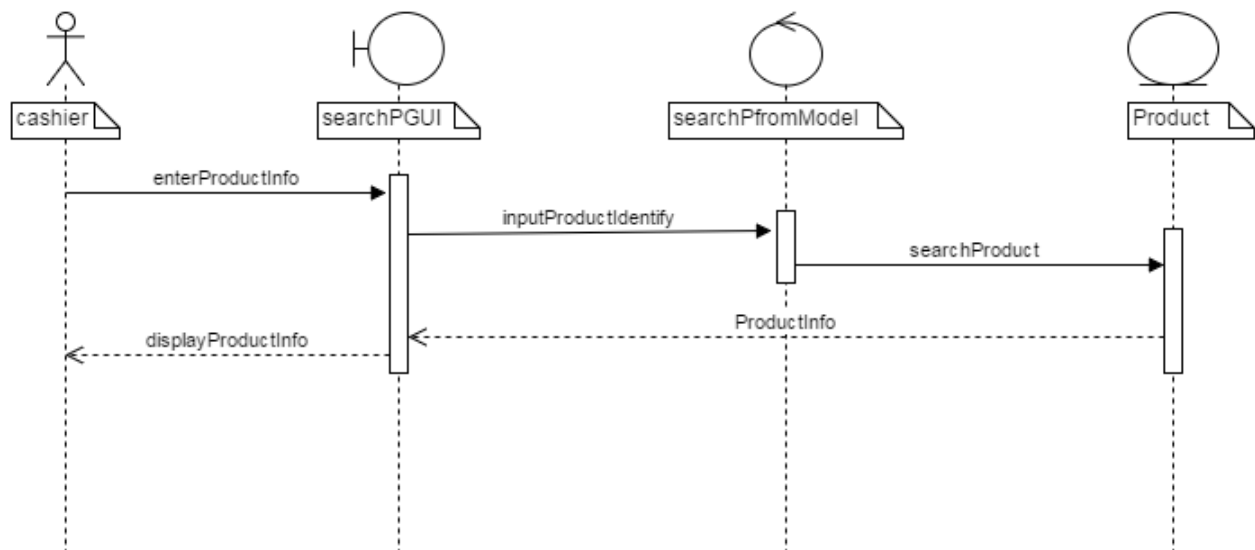


Sequence diagram : delete product (sell product subsystem)

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Sequence diagram : return product (sell product subsystem)

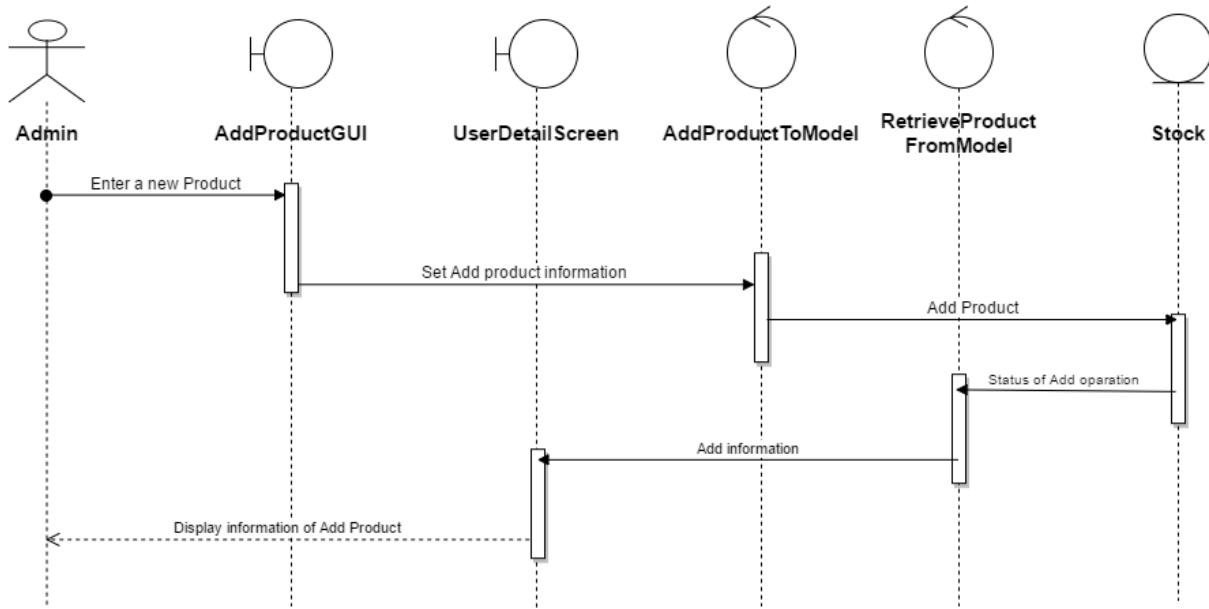


Sequence diagram : search product (sell product subsystem)

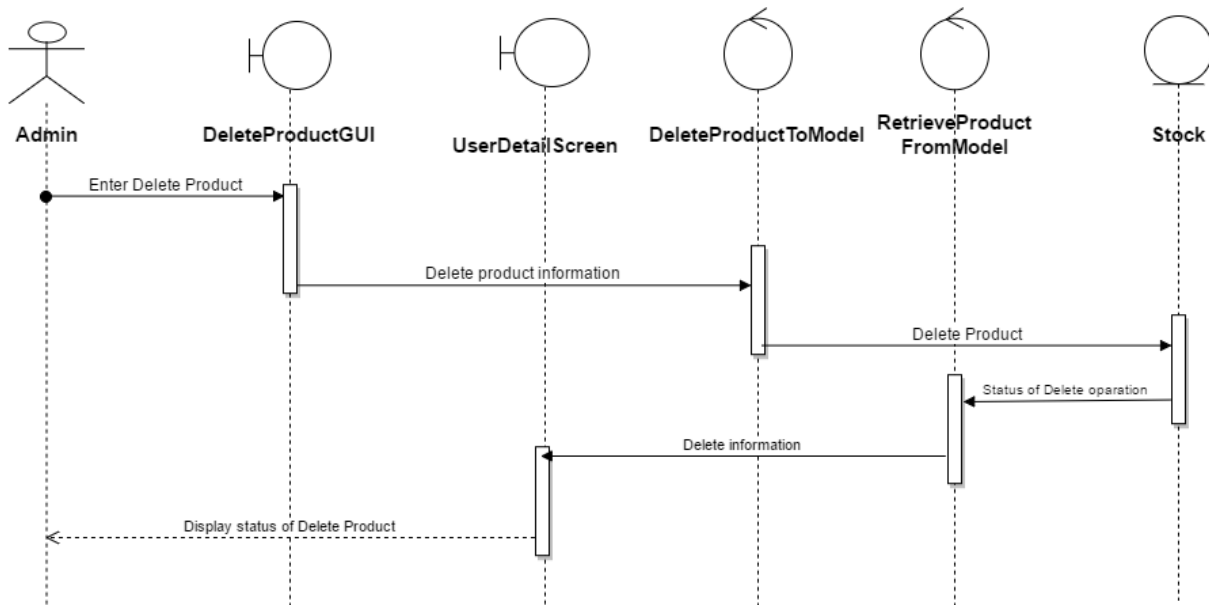
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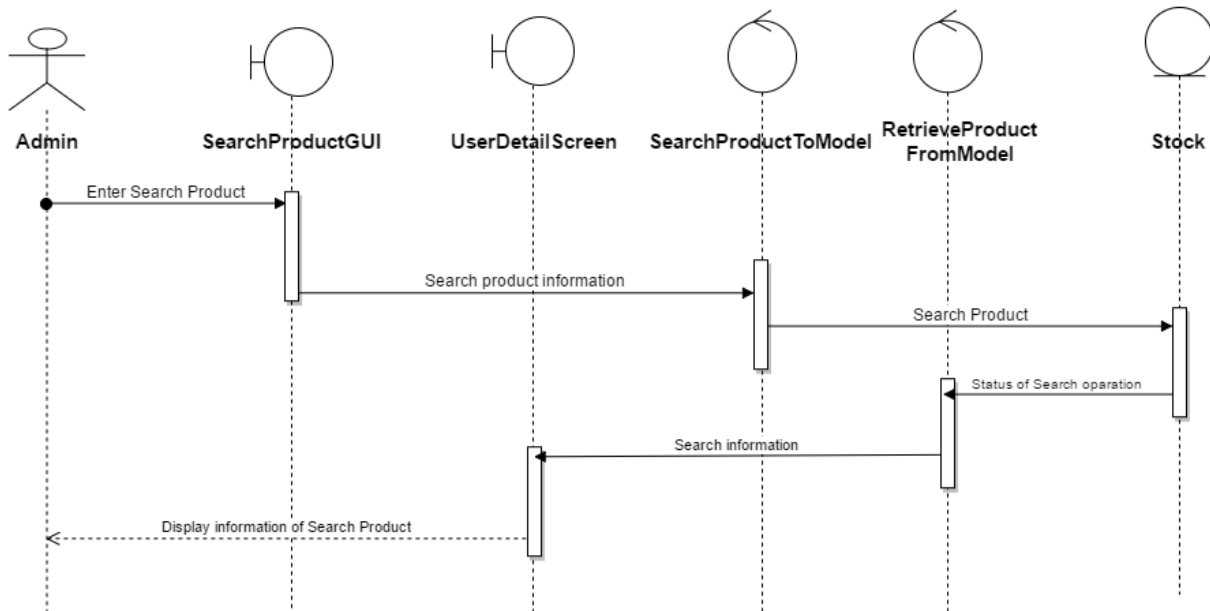
Sequence Diagram of Stock Management (AddProduct)



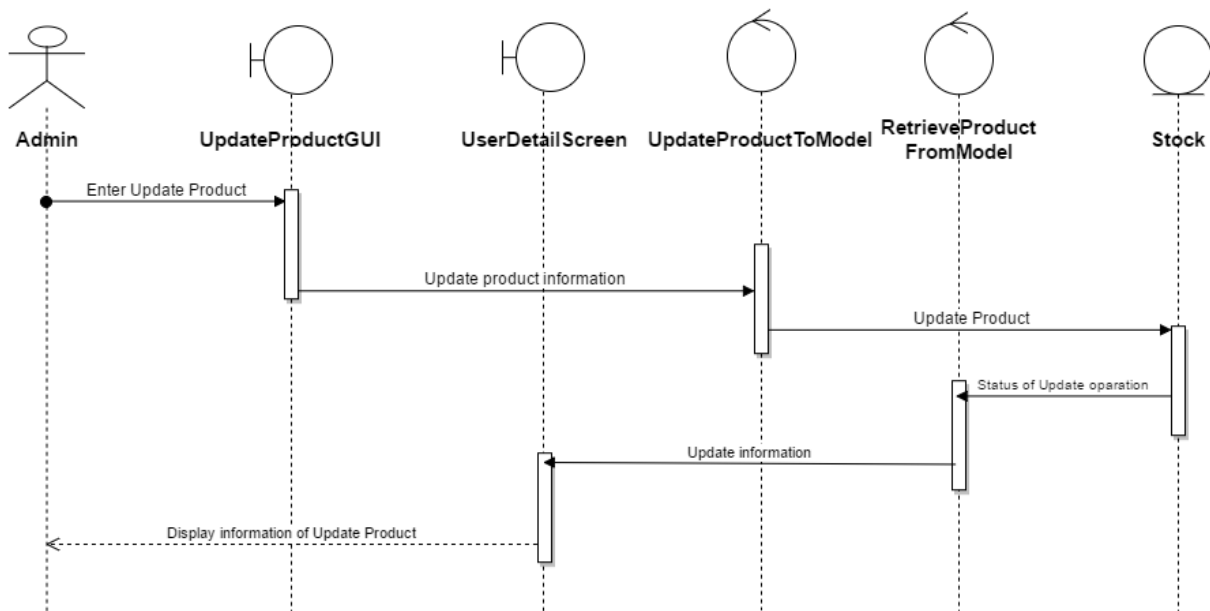
Sequence Diagram of Stock Management (DeleteProduct)



Sequence Diagram of Stock Management (SearchProduct)

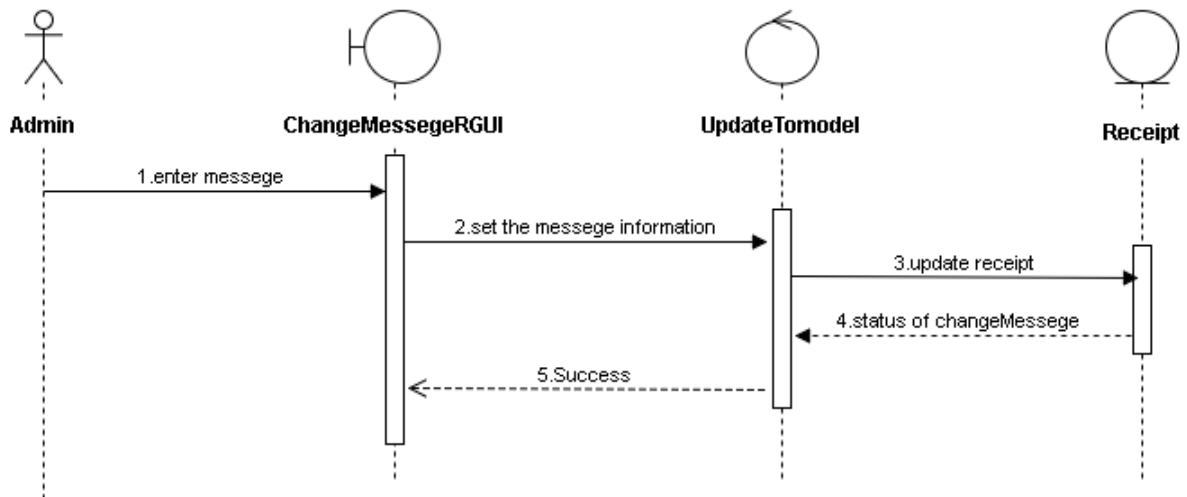


Sequence Diagram of Stock Management (UpdateProduct)

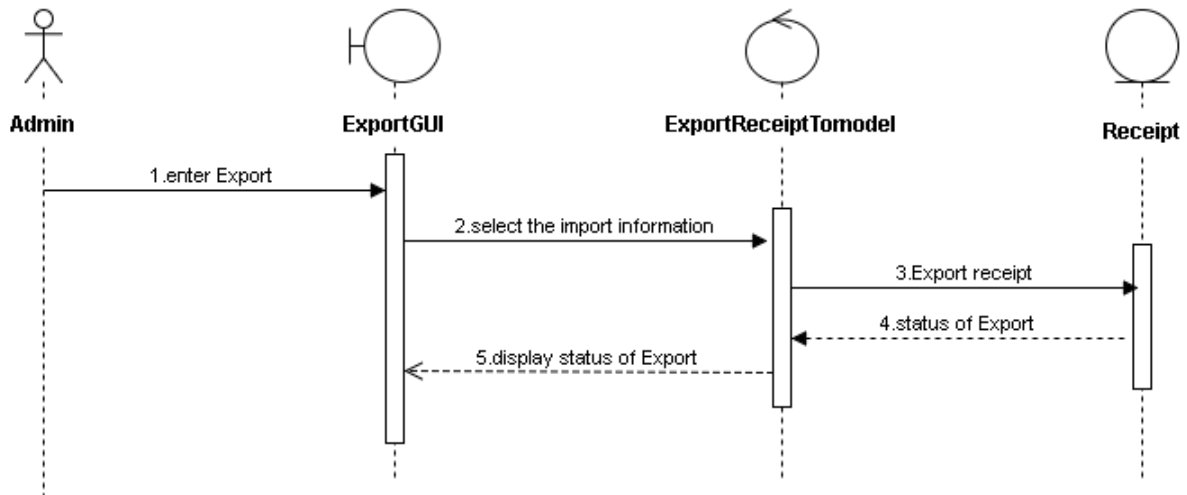


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Sequence diagram of Print Setting (ChangeMessegeReceipt)

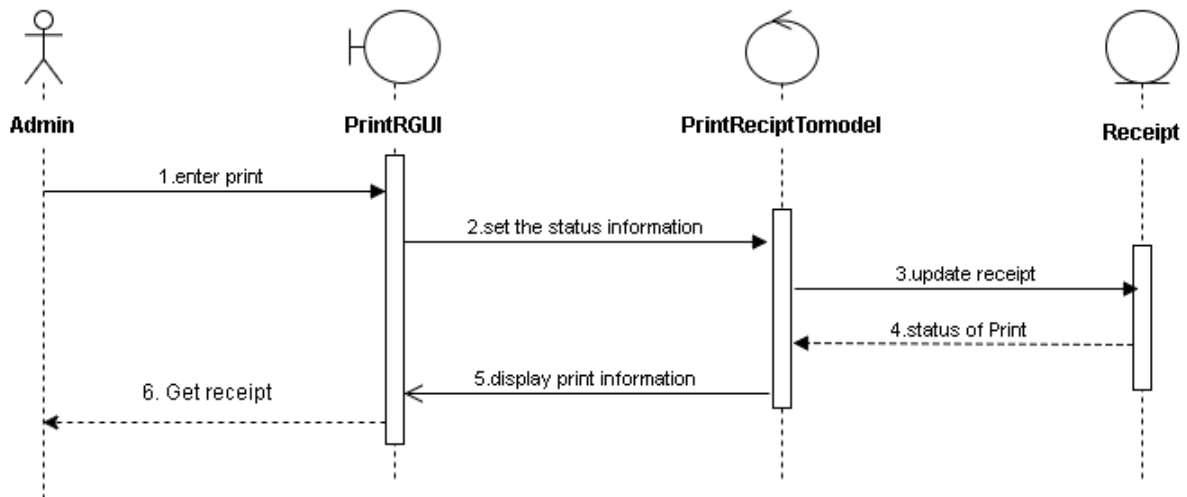


Sequence diragram of Print Setting (Export to PDF / Excel)

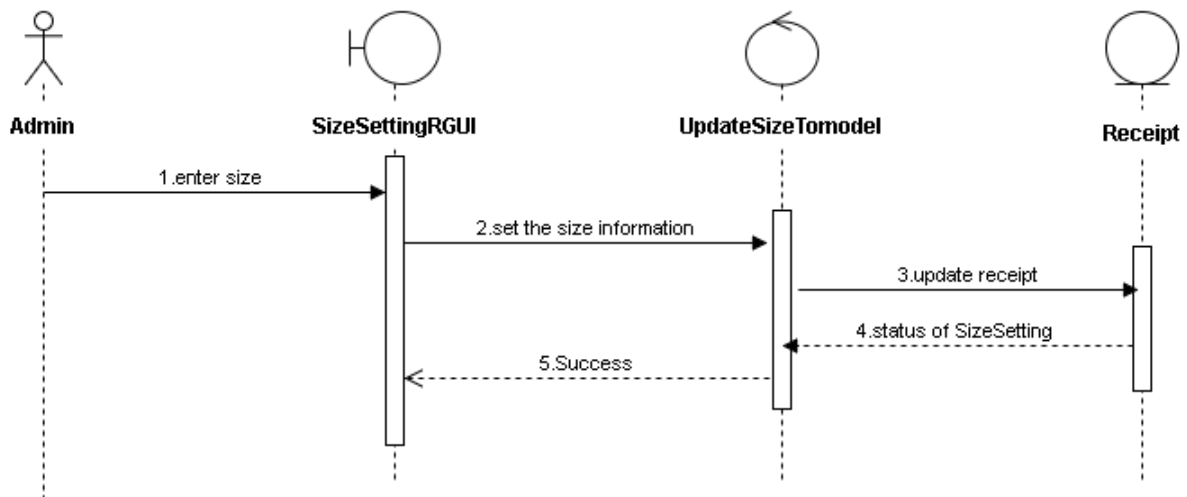


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Sequence diagram of Print Setting (Print Receipt)

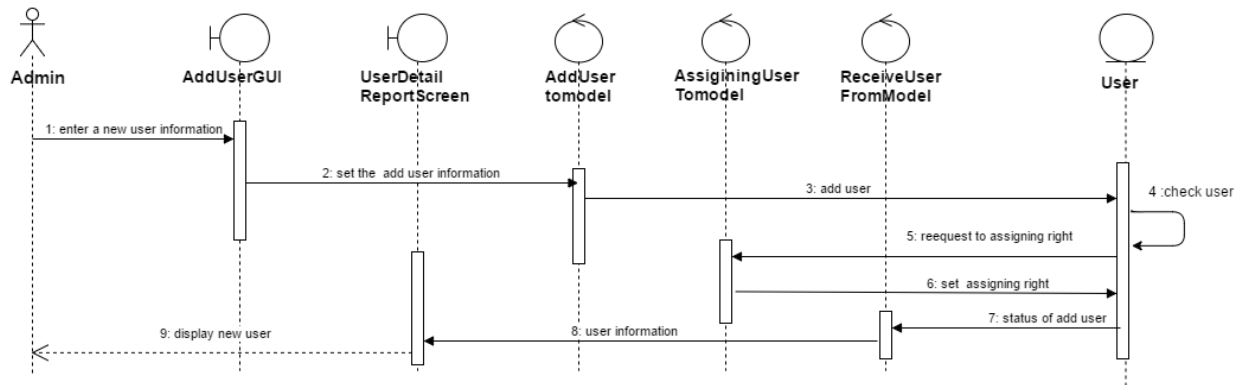


Sequence diagram of Print Setting (ReceiptSizeSetting)



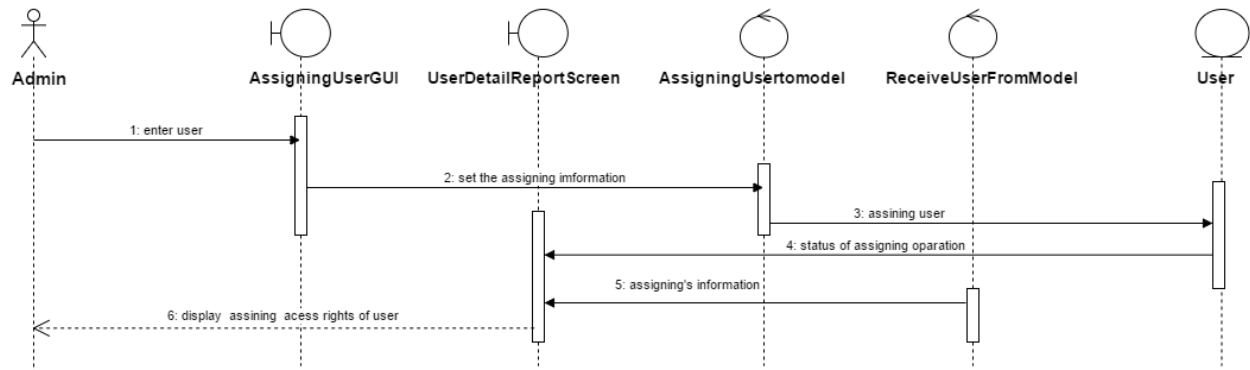
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Sequence diagram of login Management (AddUser)



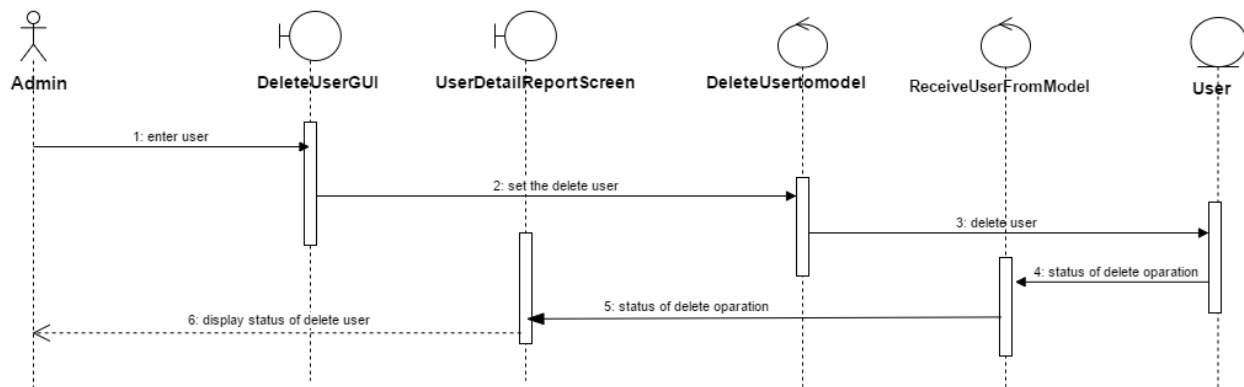
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Sequence diagram of login Management(Assiging access rights)



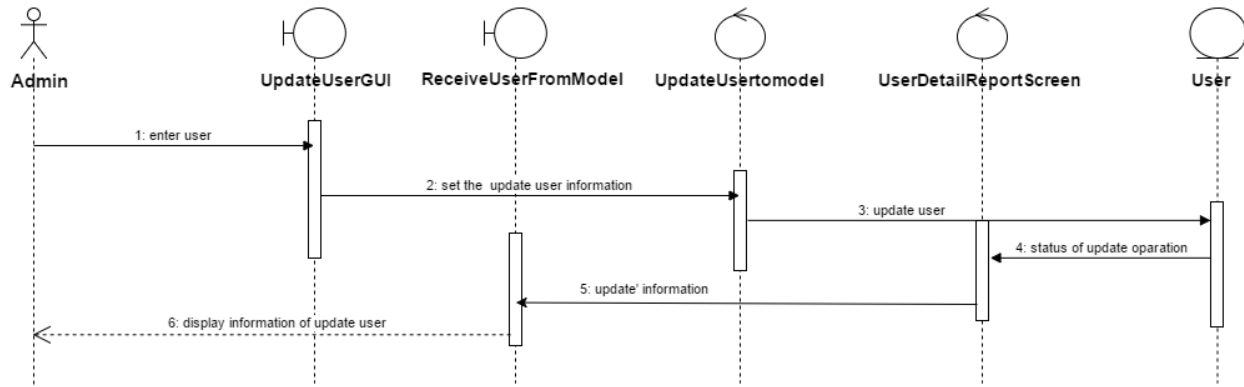
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Sequence diagram of login Management(DeleteUser)

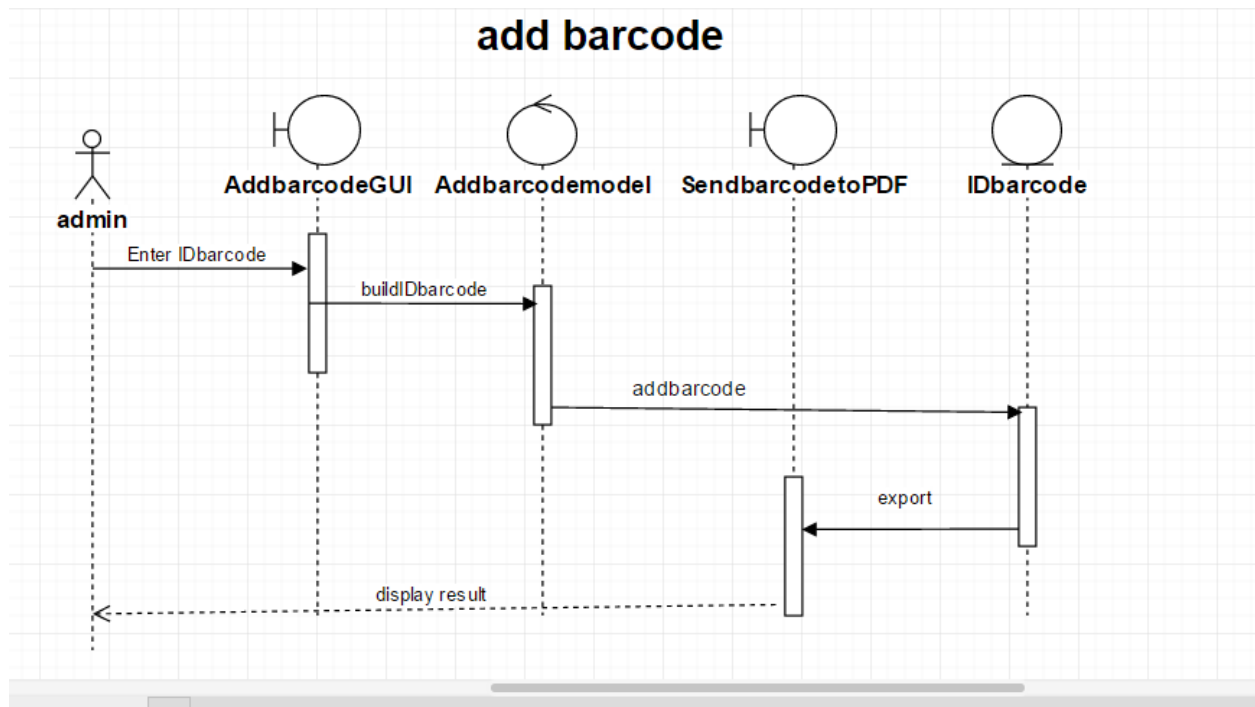


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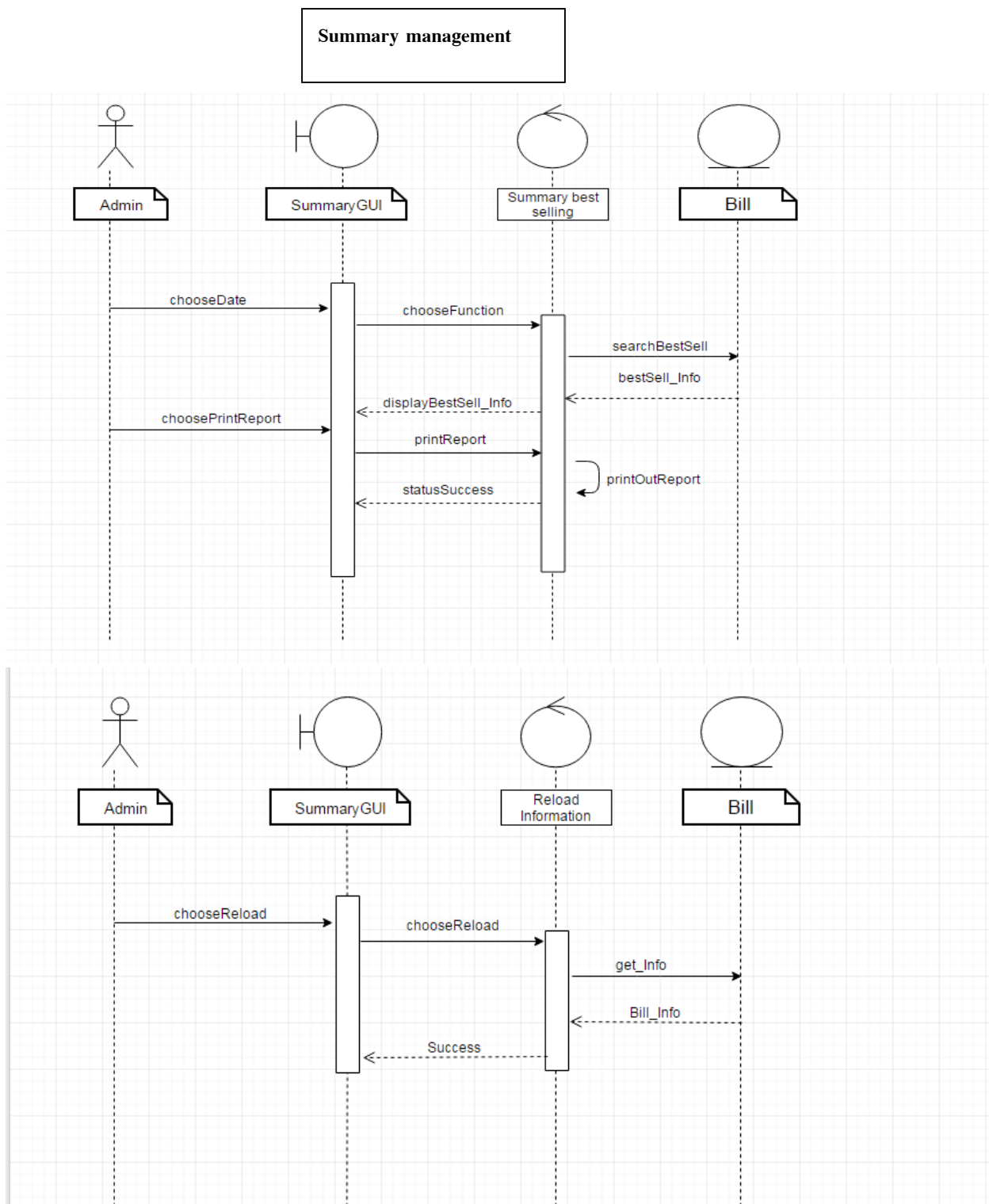
Sequence diagram of login Management (UpdateUser)



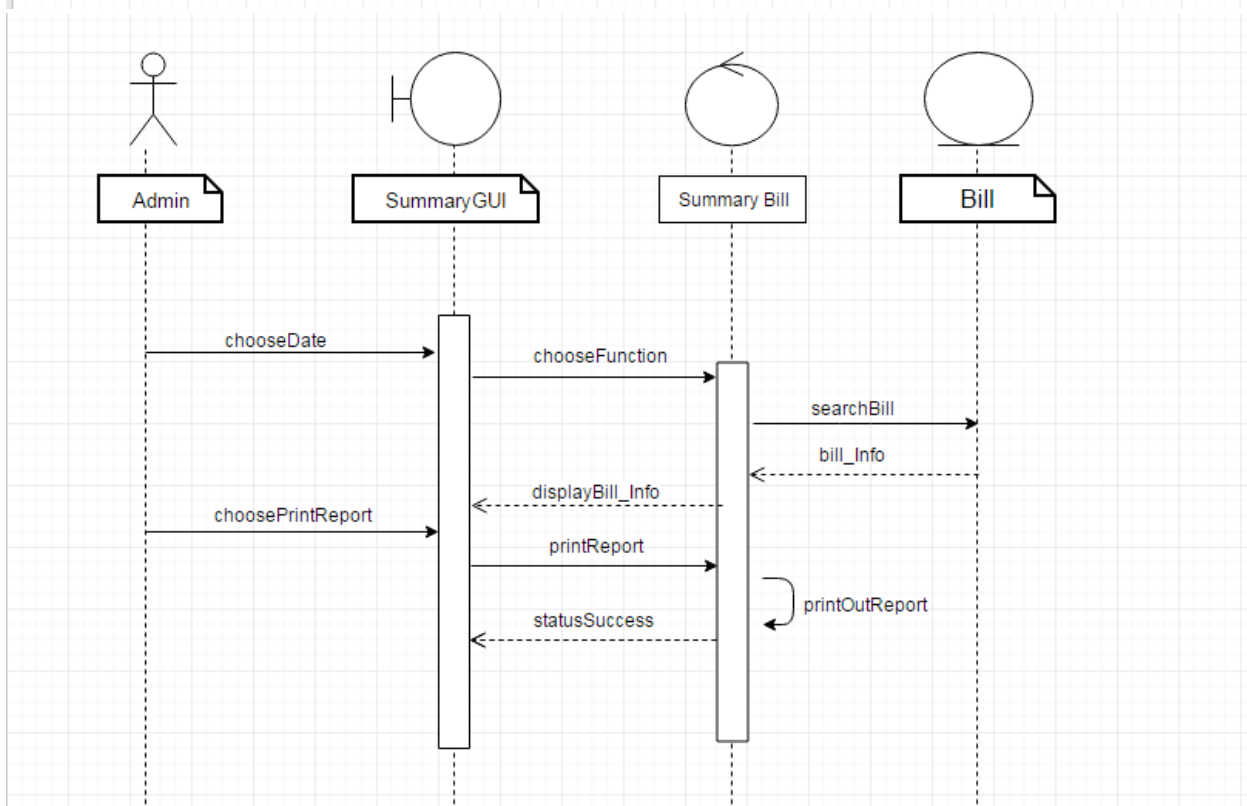
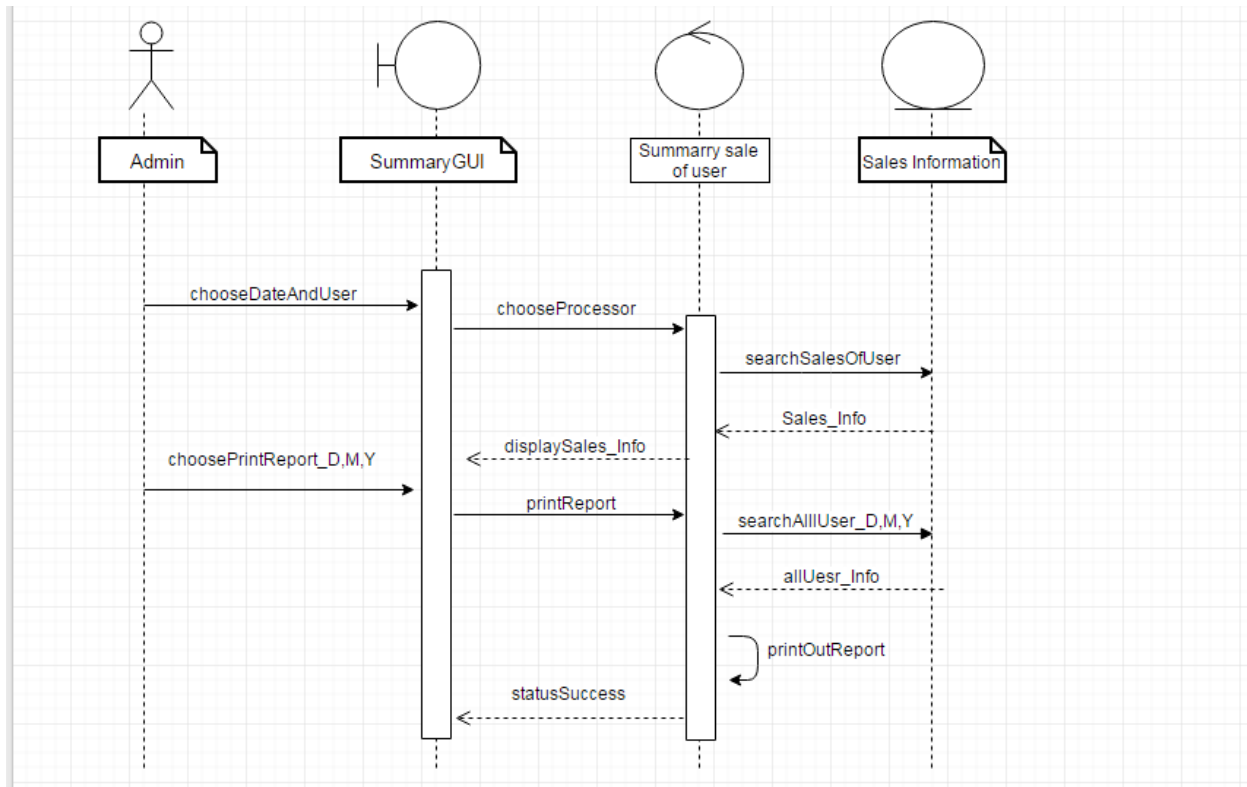
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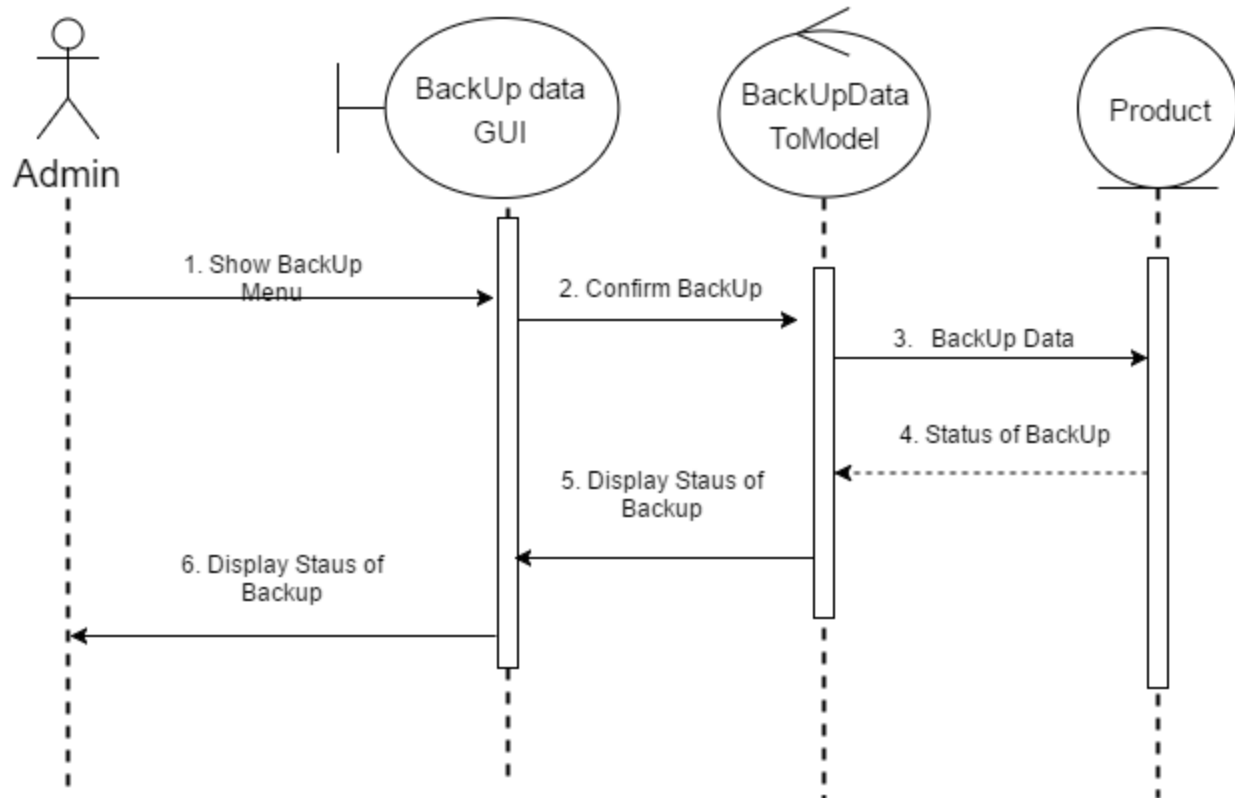


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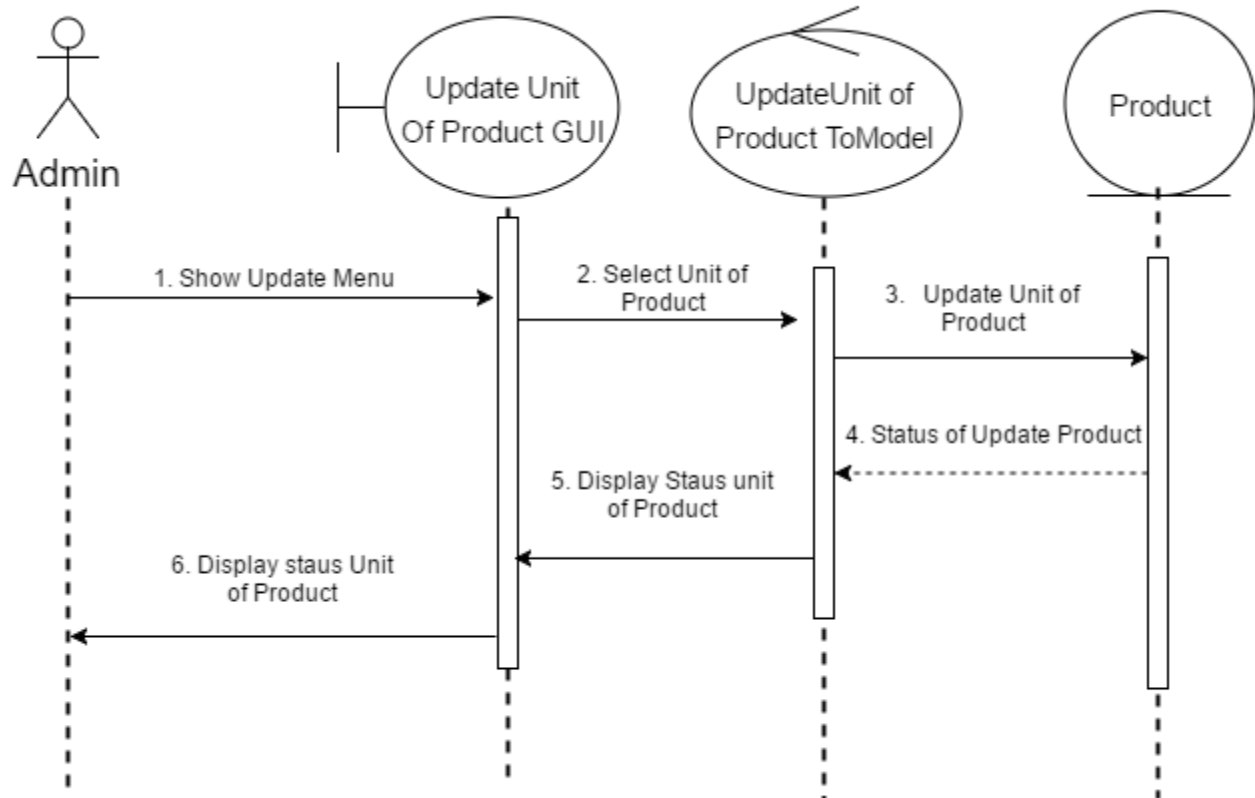
Mr. Warunyou Keeretichot
5730213099

Sequence Diagram Of Setting (BackUp Data)



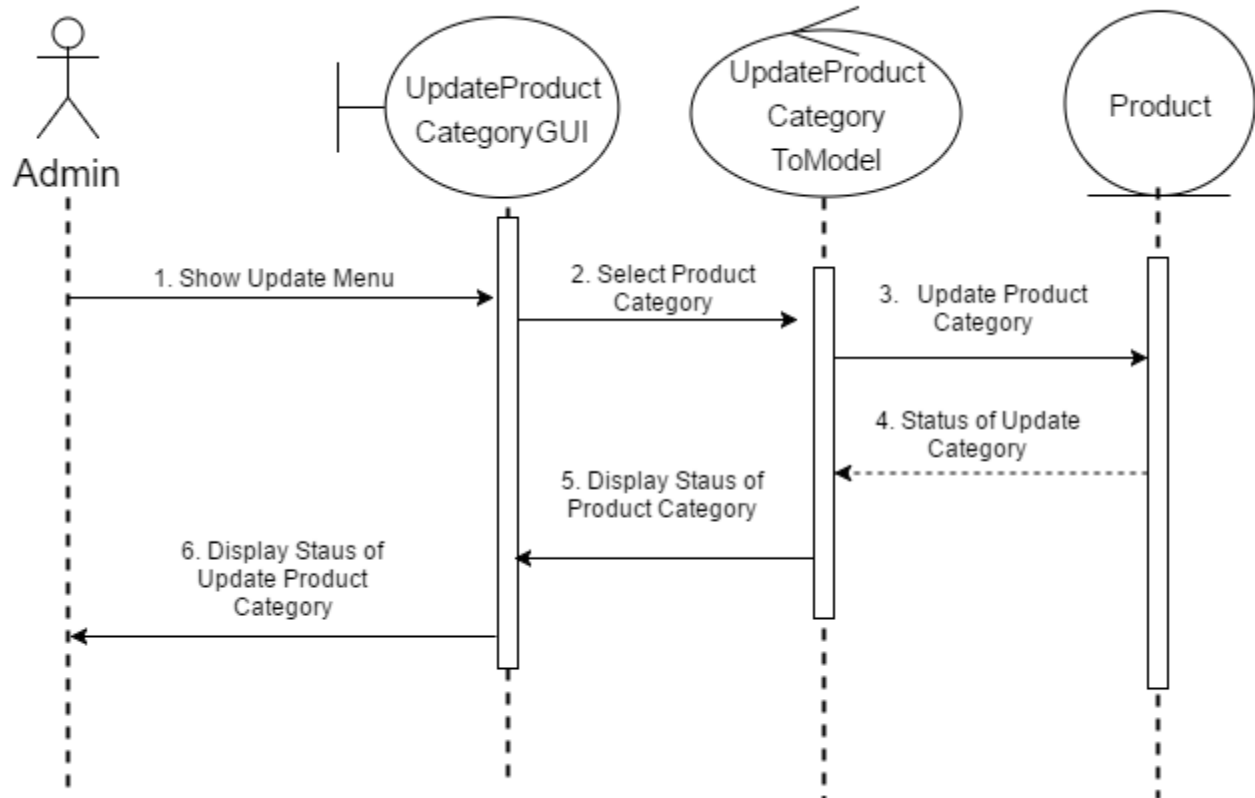
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Sequence Diagram Of Setting (Update Unit of Product)



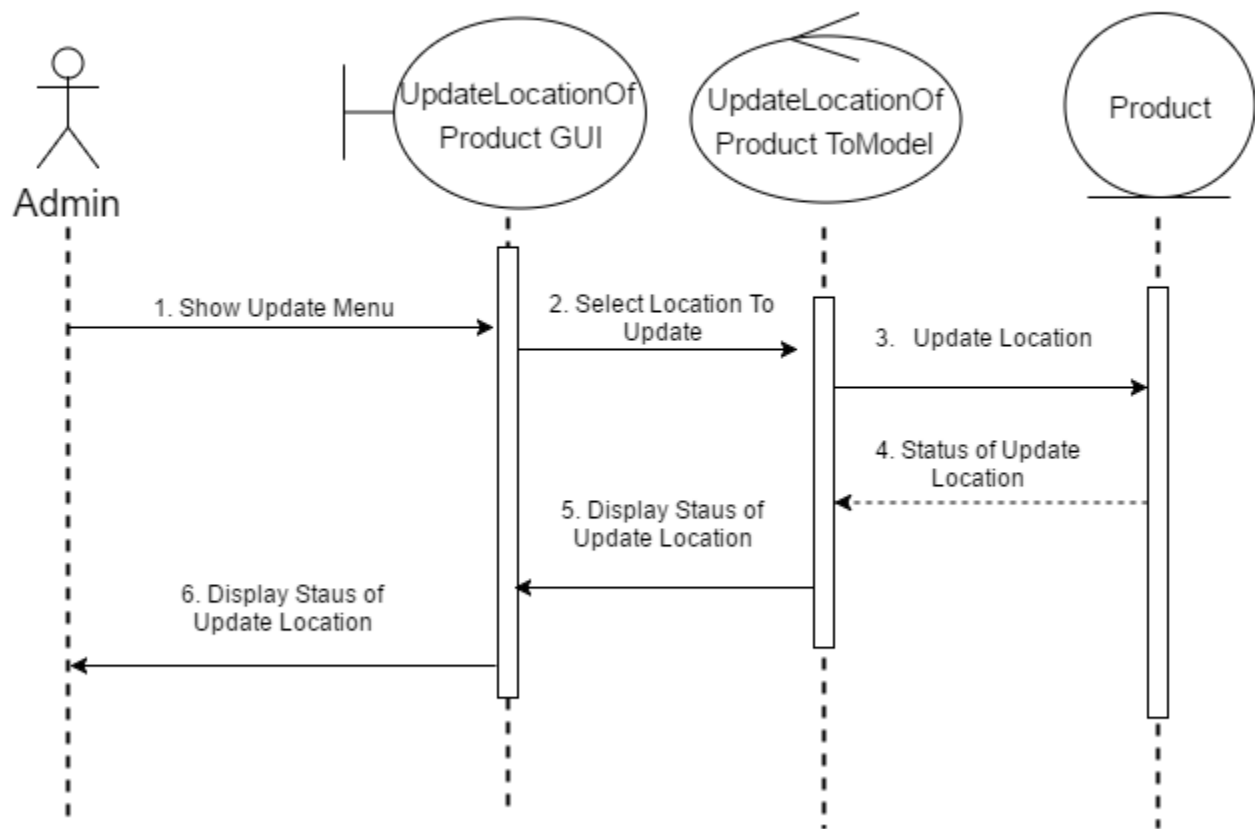
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Sequence Diagram Of Setting (Update Category)



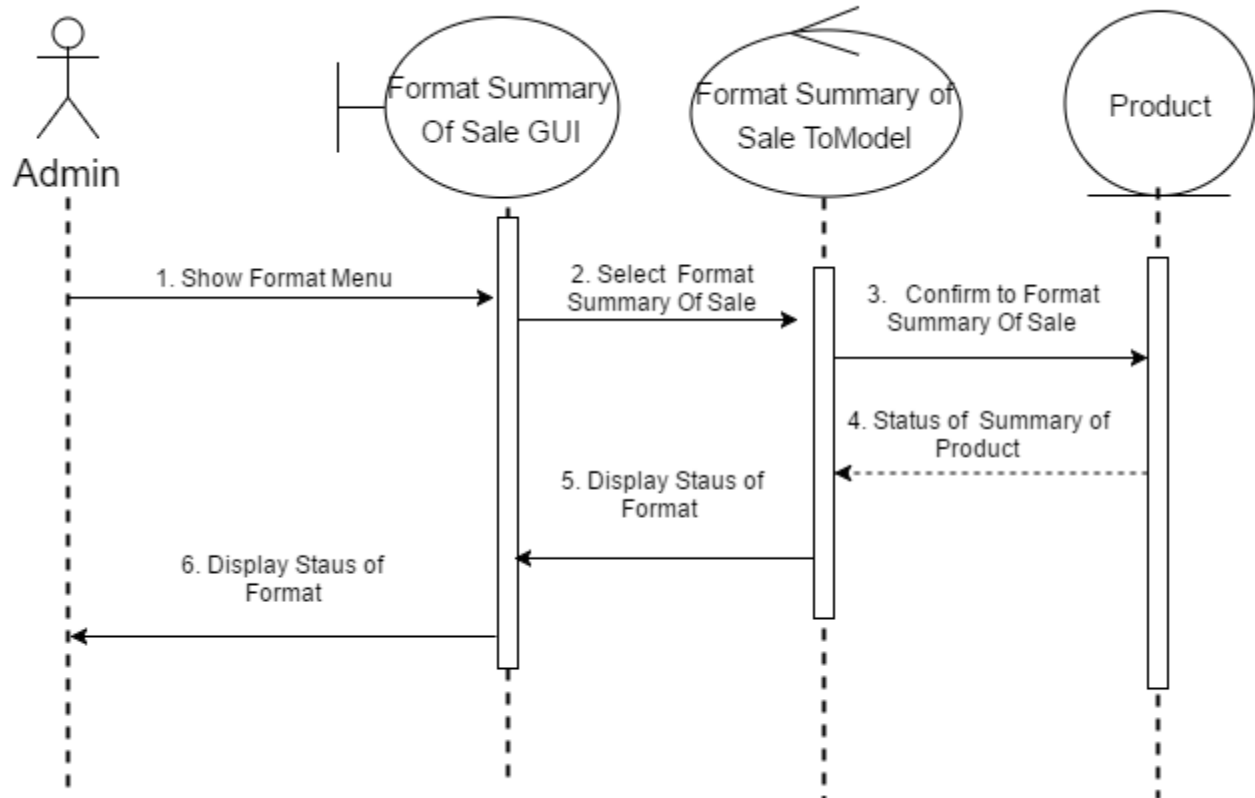
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Sequence Diagram Of Setting (Update Location)



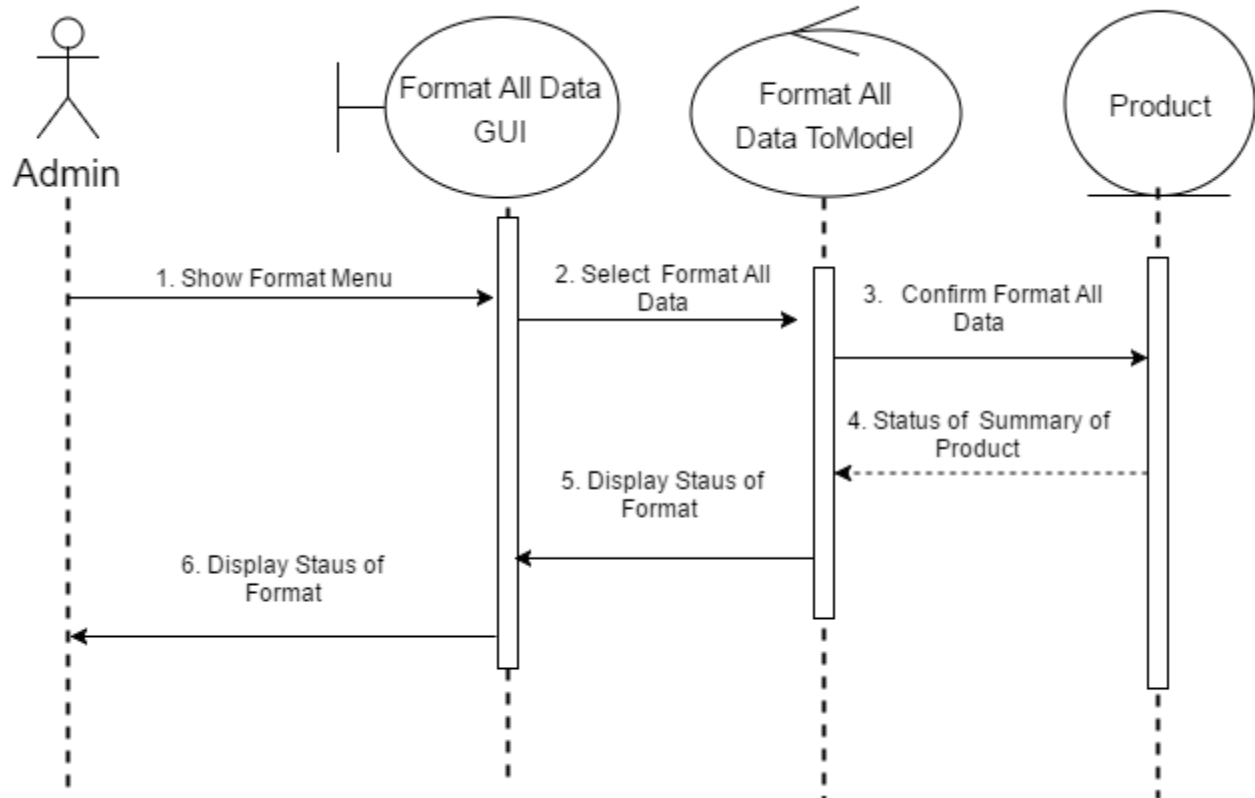
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Sequence Diagram Of Format (Format Summary of Sale)



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Sequence Diagram Of Format (Format all data)



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