



**Continuing
Education
Program
Center for Computing and Information
Technology
Faculty of Engineering University of Indonesia**

PROJECT ON

“Rent House”

Group : 7

Muhammad Hudya Ramadhana

Mutia Ayu Dianita

Faculty : Fachran Nazarullah S.Kom

Class : 4 SC 1

Faculty of Engineering University of Indonesia

Depok 16424

2017

PROJECT ON

Rent House

Developed By

*Name : Muhammad Hudya Ramadhana
Mutia Ayu Dianita*

NIIT

RENTHOUSE

Batch Code	: 4 SC 1
Start Date	: March 24 th , 2017
End Date	: April 10 th , 2017
Name Of The Coordinator	: Fachran Nazarullah S.Kom
Name Of Developer	: Muhammad Hudya Ramadhana Mutia Ayu Dianita
Date Of Submission	: April 11 th , 2017



CERTIFICATE

This is to certify that this report, titled Rent House embodies the original work done by **Muhammad Hudya Ramadhana** and **Mutia Ayu Dianita** in partial fulfillment of their course requirement at NIIT.

Coordinator:

Fachran Nazarullah S.Kom

ACKNOWLEDGEMENT

We have benefited a lot from the feedback and suggestions given to us by Mr. Fachran Nazarullah S.Kom and other faculty members. The Project presentation opportunity we have with CCIT-FTUI is a greatchance for learning and professional development. Therefore, we consider ourselves very lucky as we are provided with an opportunity to be a part of it. We are also grateful for having a change to meet so many wonderful people and professionals who led us through this project period.

Bearing in mind, we would like to express our deepest gratitude and special thanks to Mr. Fachran Nazarullah S.Kom of CCIT-FTUI faculty who is spite of being extraordinarily busy with her duties, took time out to hear, guide and keep us on the correct path and allowing us to carry out our project until completion.

Our Project assignment won't be as good as it is now without any help, feedback and suggestion that were given to us by our friends within the campus. So, we would also like to say thank you to all of them. We will strive to use gained skills and knowledge in the best possible way, and we will continue to work on the improvements, in order to attain desired career objective.

SYSTEM ANALYSIS

System Summary:

The proposed software system for Rent House will be used by two different types of user:

1. Admin
2. Customer

The proposed software system needs to provide the following functionalities to the Admin of Rent House:

1. Allow Admin to Add and Modify Room Types Data.
2. Allow Admin to Add and Modify Room Data.
3. Allow Admin to Add and Modify Operator Data.
4. Allow Admin to Add and Modify Customer
5. Allow Admin to Add Transaction (Rent In or Rent Out)
6. Allow Admin to Add Monthly Paid of Customer

The proposed software system also provide the following functionality to the Customer of Rent House :

1. Allow Customer to View Available Rooms in Rent House

HARDWARE AND SOFTWARE REQUIREMENTS

Hardware: Asus Expert 50, Intel(R) Core(TM) i38.00 GB (RAM)

Operating System: Microsoft Windows 8.1 Pro, 64-bit Operating System

Software: **Astah Jude Professional**

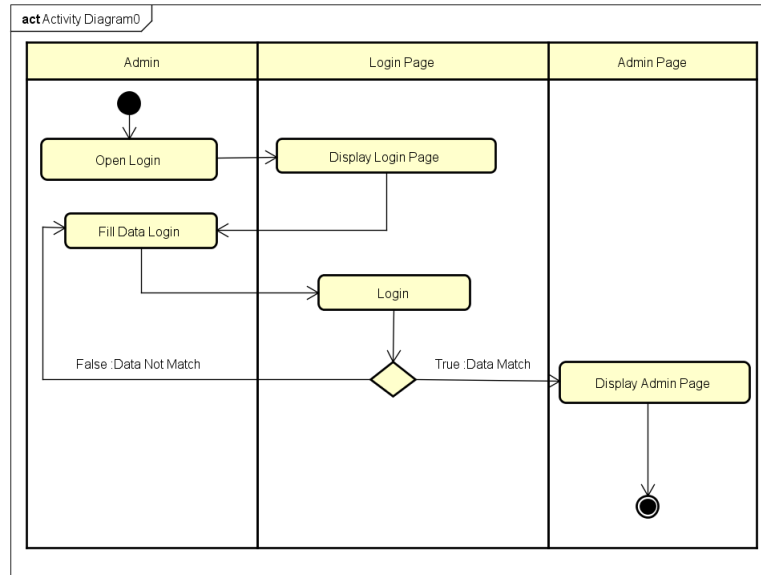
SQL Server 2015

Netbeans IDE 8.0.2

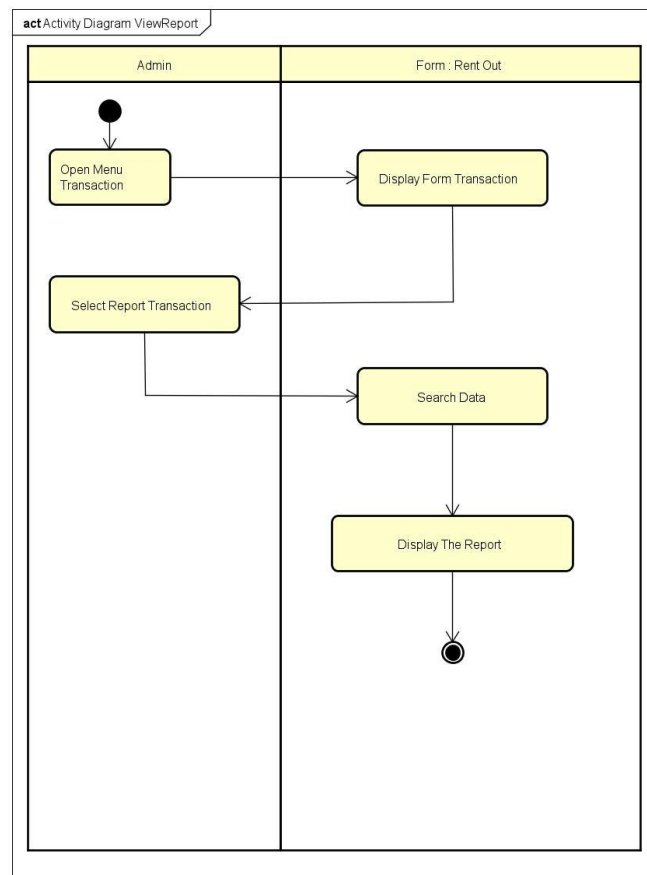
INDIVIDUAL PROJECT SCHEDULE

S. No	Activity Description	Planned Date of Completion	Actual Date	Responsibility	Remarks
1	Creating the UML Diagrams	5 th April 2017	5 th April 2017	Mutia	
2	Creating the Home Page	7 th April 2017	7 th April 2017	Mutia	
3	Creating Login Page	7 th April 2017	7 th April 2017	Hudya	
4	Creating Customer Pages	9 th April 2017	9 th April 2017	Hudya	
5	Creating Room Type Pages	9 th April 2017	9 th April 2017	Mutia	
6	Creating Room Pages	9 th April 2017	9 th April 2017	Mutia	
7	Creating Transaction Pages	10 th April 2017	10 th April 2017	Hudya	
8	Creating Monthly Paid Pages	10 th April 2017	10 th April 2017	Hudya	

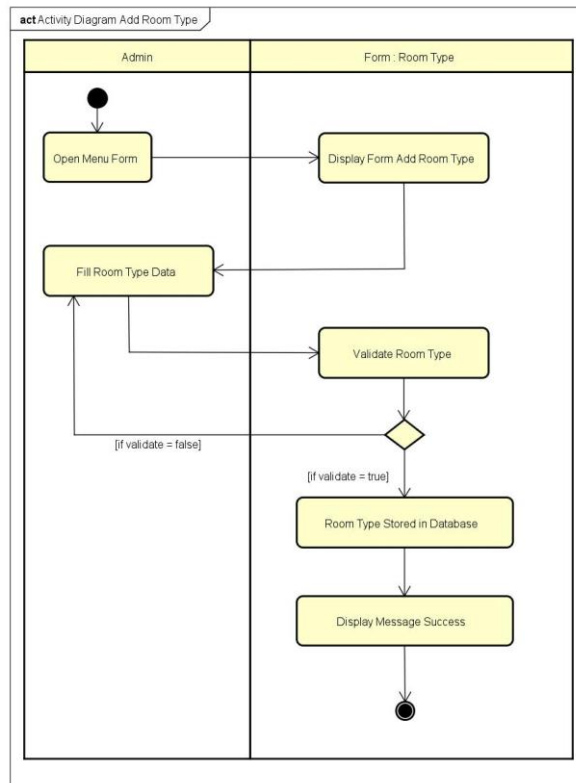
ACTIVITY DIAGRAM FOR RENT HOUSE



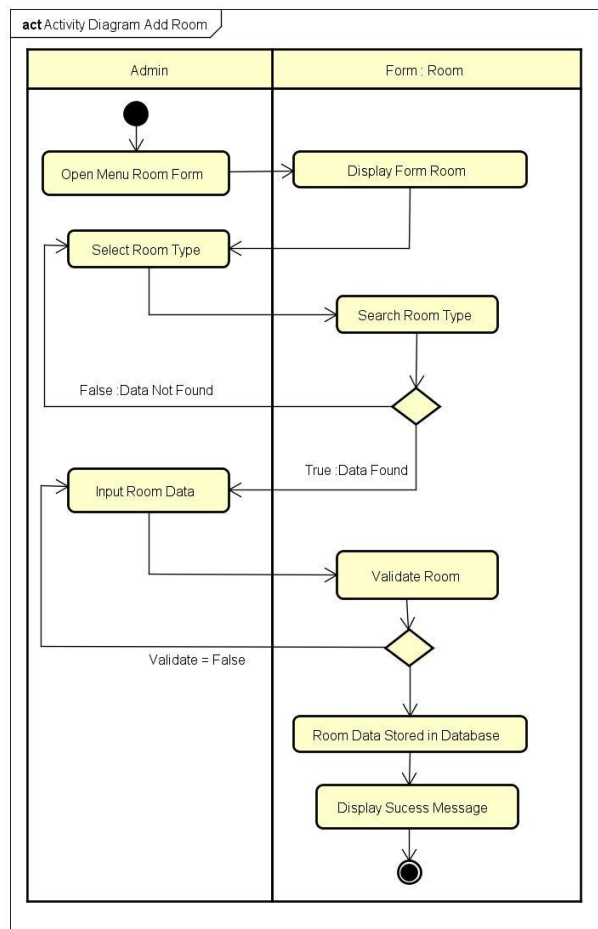
Activity Diagram Login



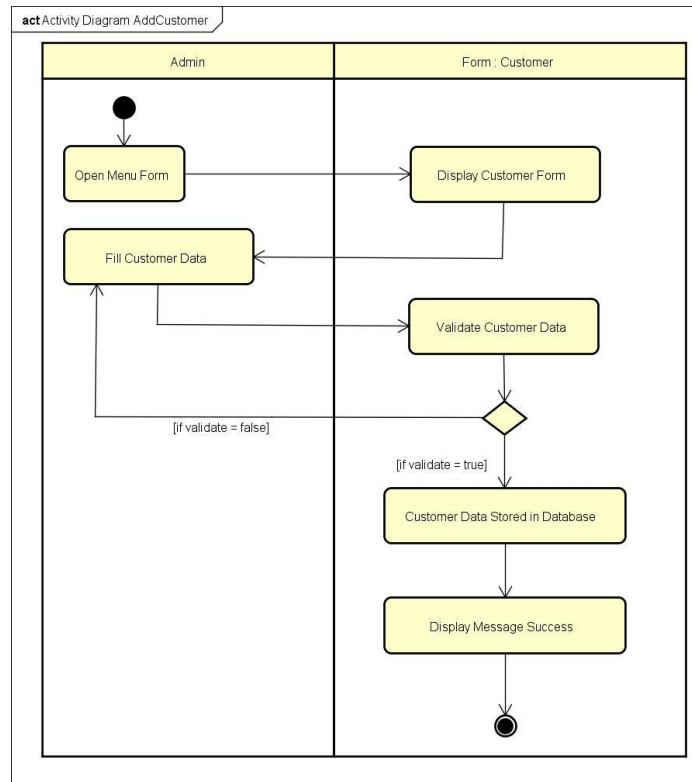
Activity Diagram Display Report



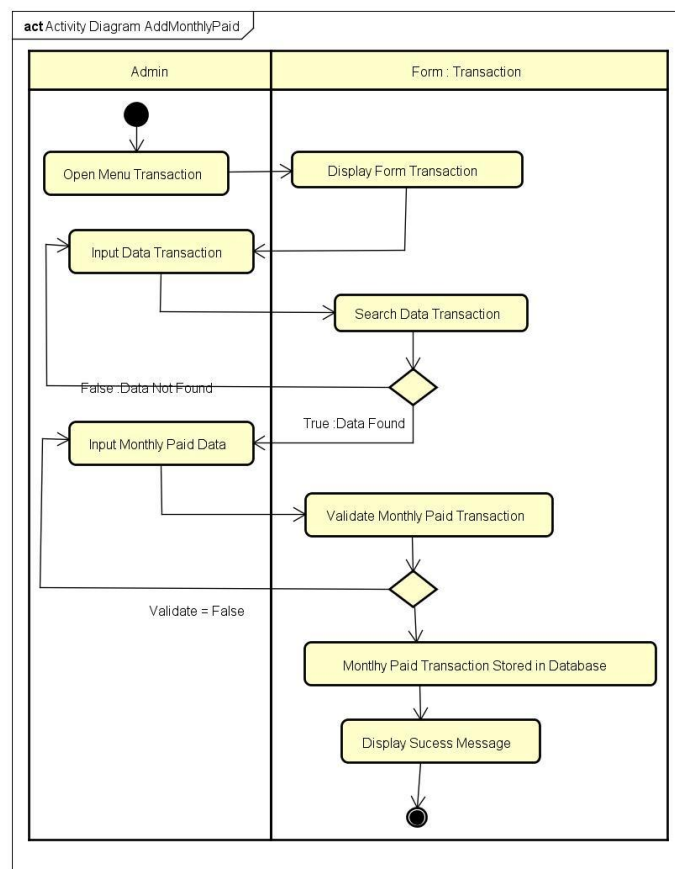
Activity Diagram Add Room Type



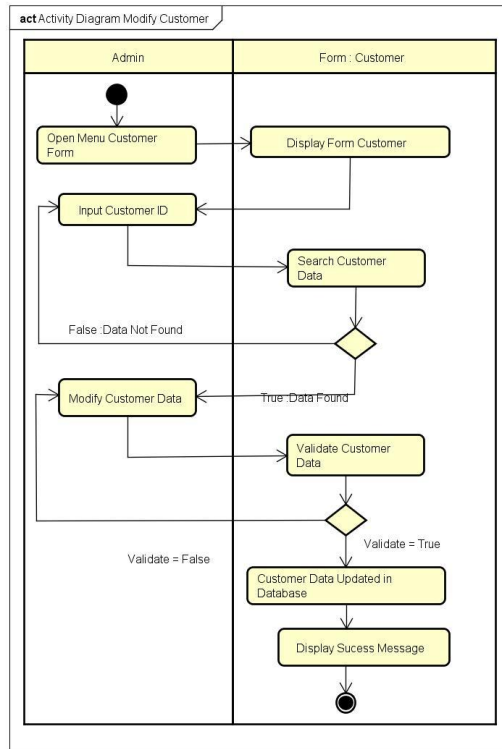
Activity Diagram Add Room



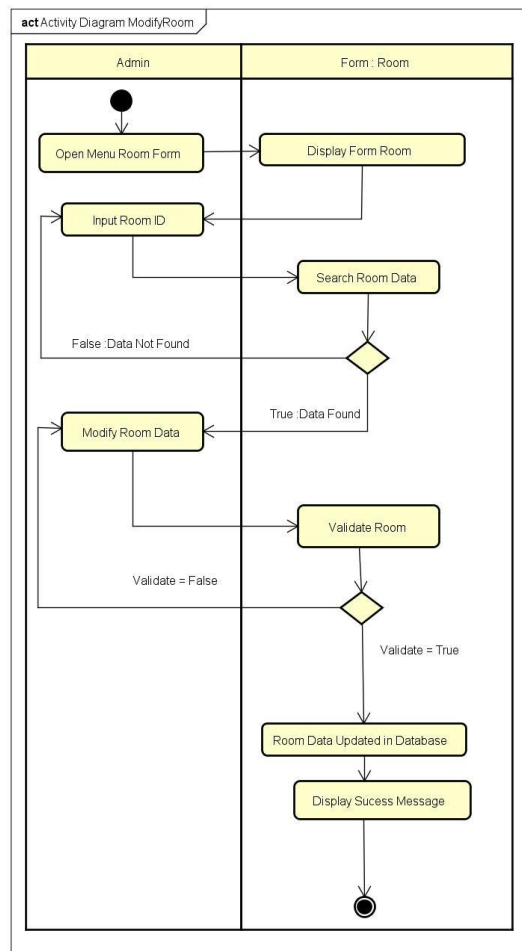
Activity Diagram Add Customer



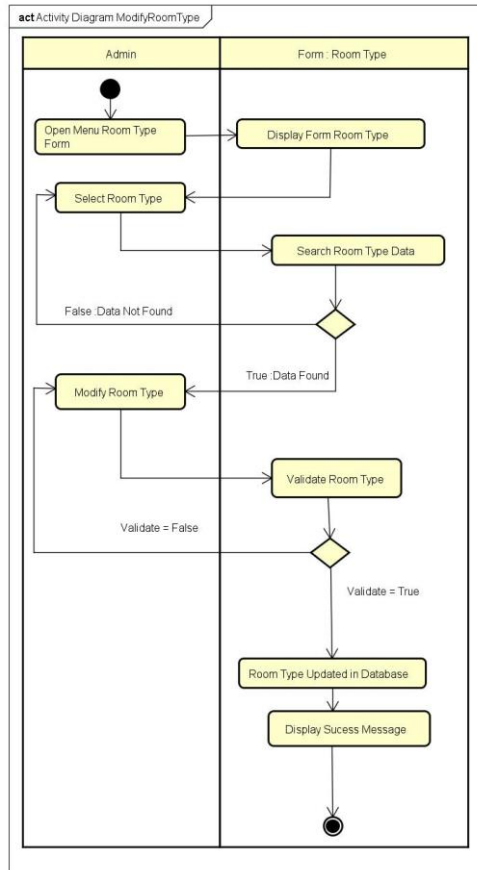
Activity Diagram Add Monthly Paid



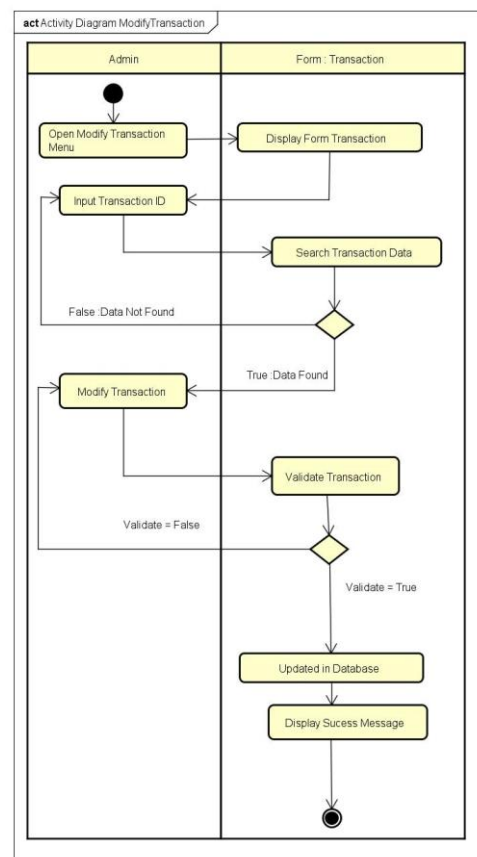
Activity Diagram Modify Customer



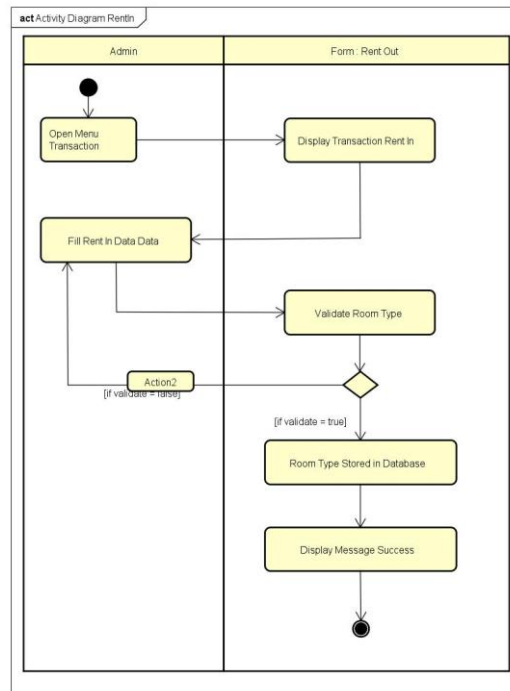
Activity Diagram Modify Room



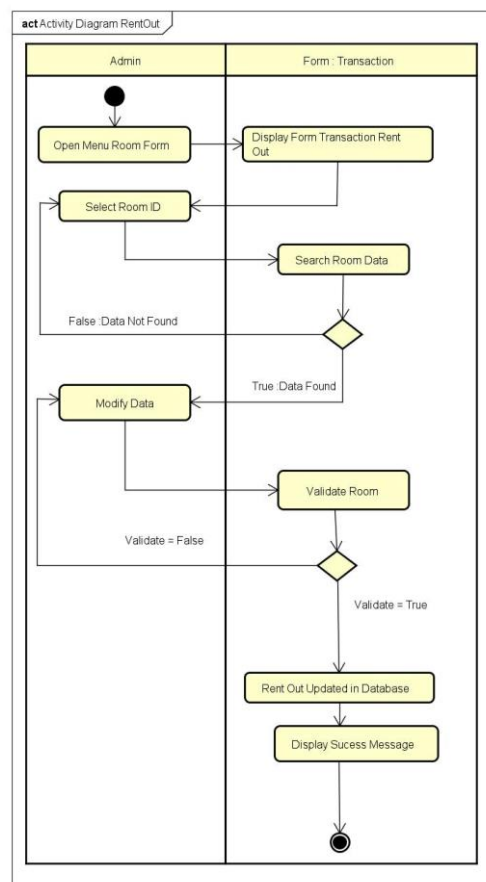
Activity Diagram Modify Room Type



Activity Diagram Modify Transaction

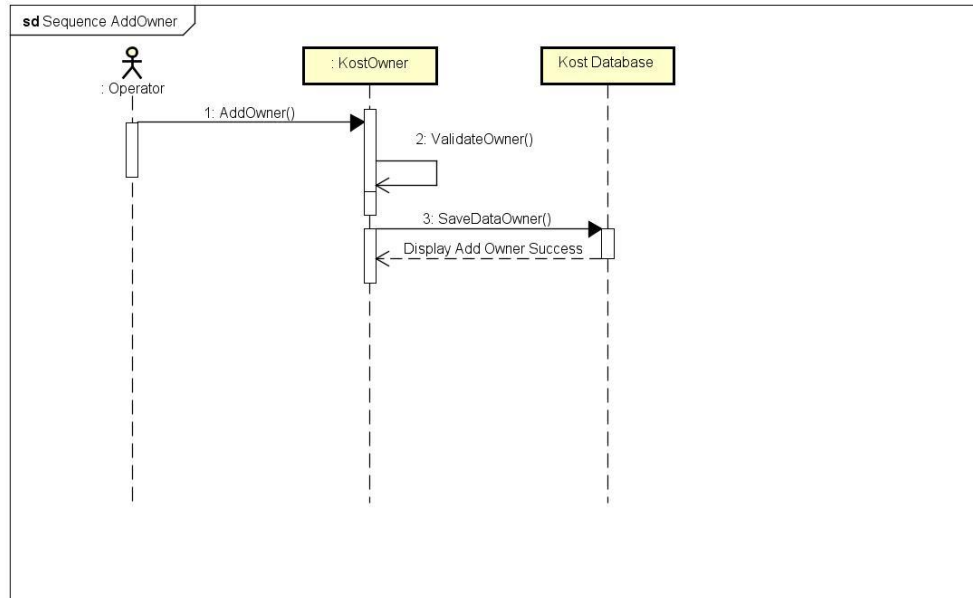


Activity Diagram Rent In

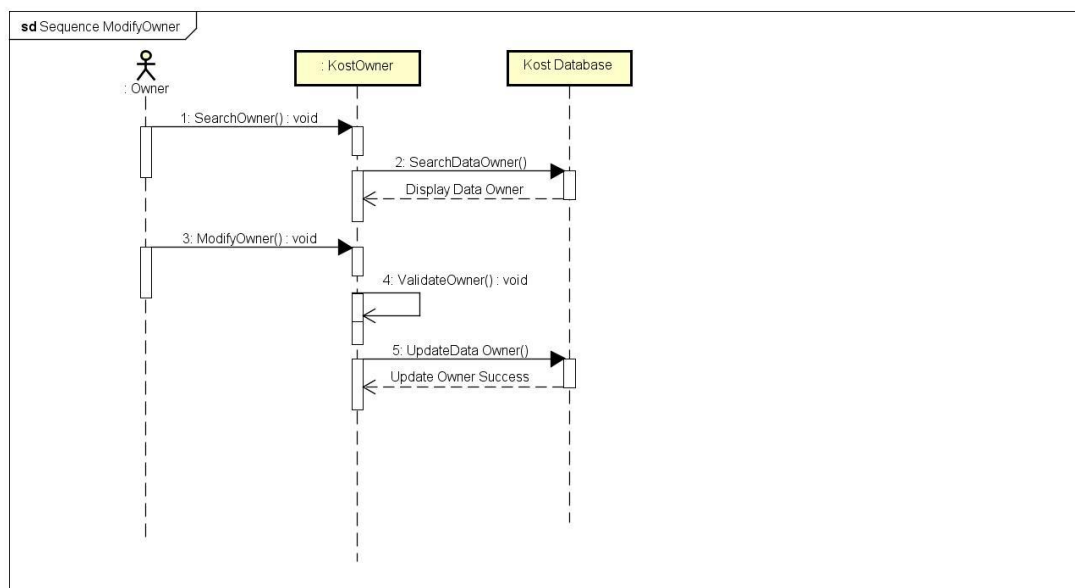


Activity Diagram Rent Out

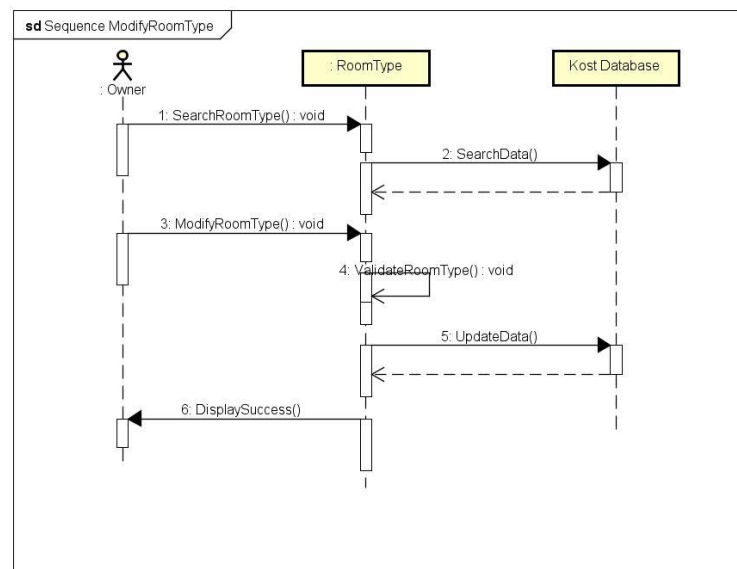
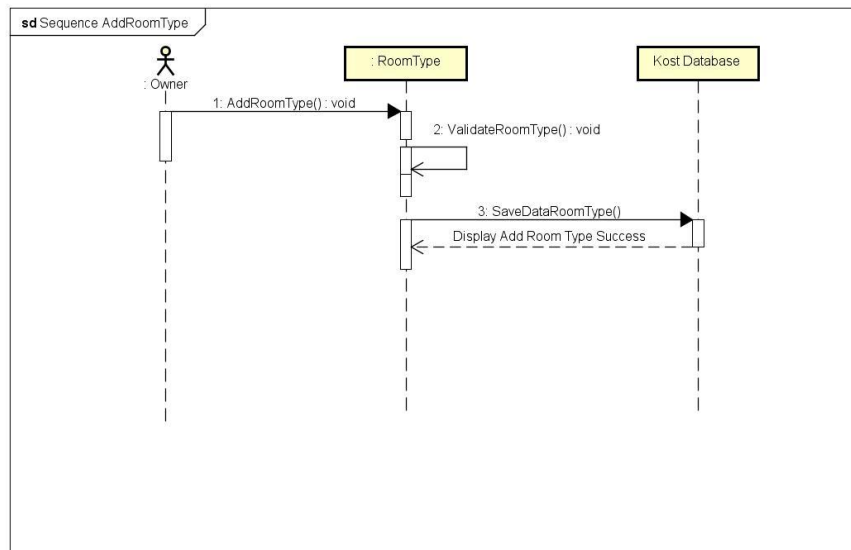
SEQUENCE DIAGRAM FOR RENT HOUSE



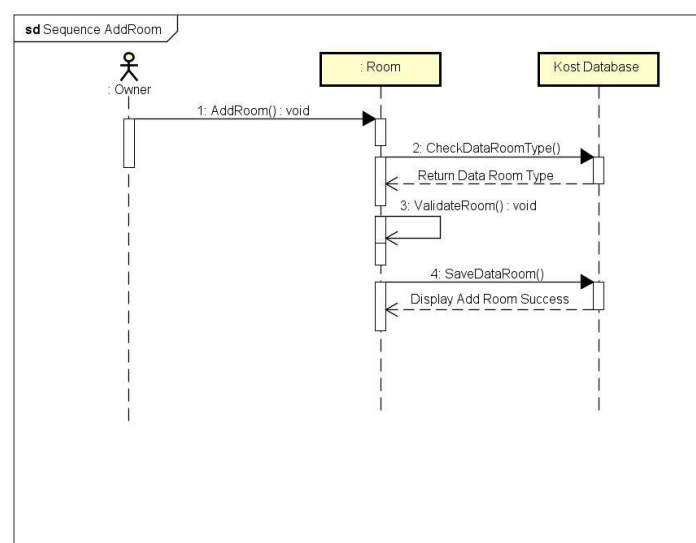
Sequence Add Owner



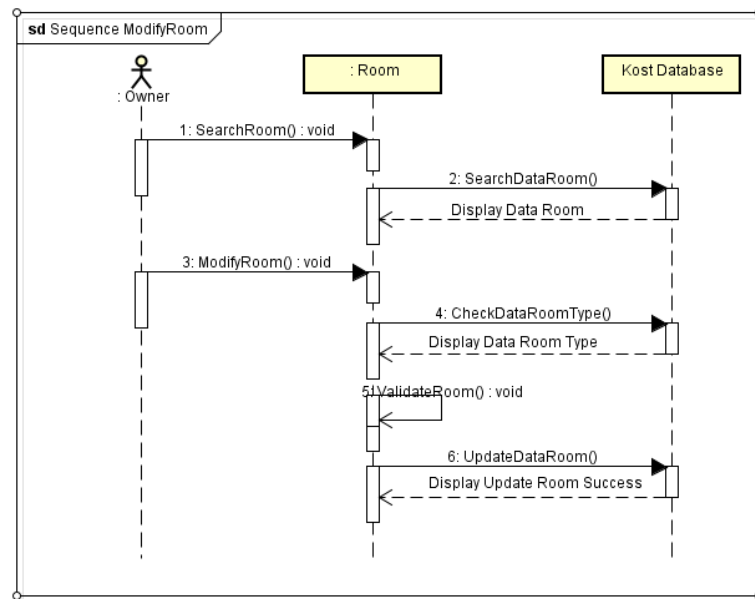
Sequence Modify Owner



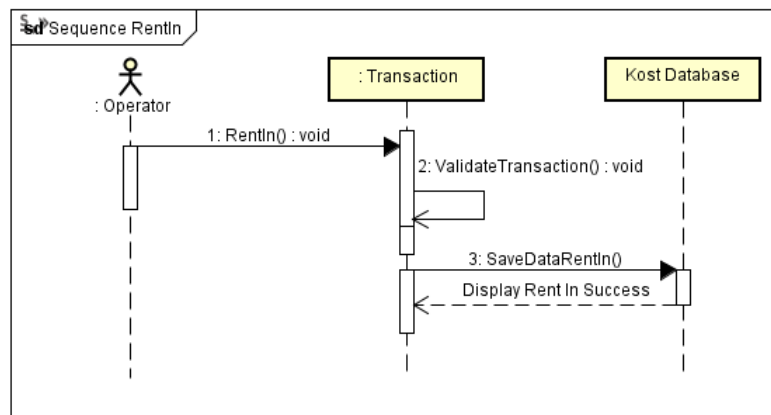
Sequence Modify Room Type



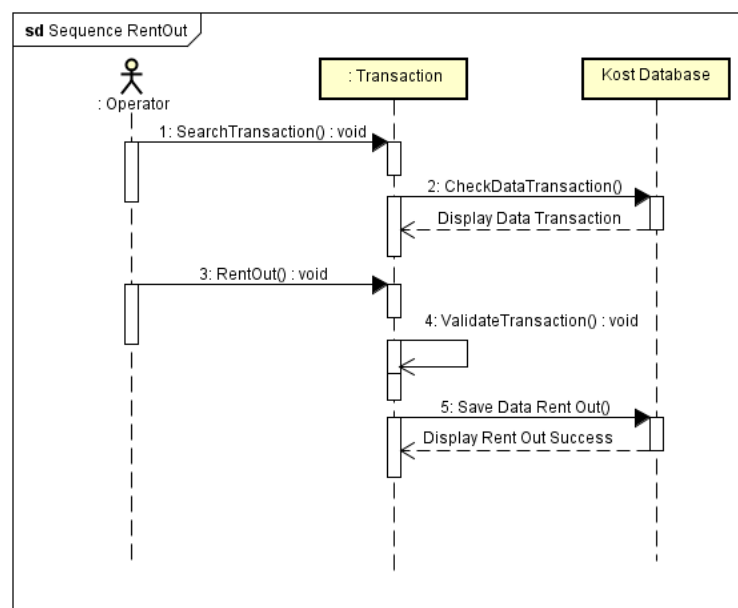
Sequence Add Room



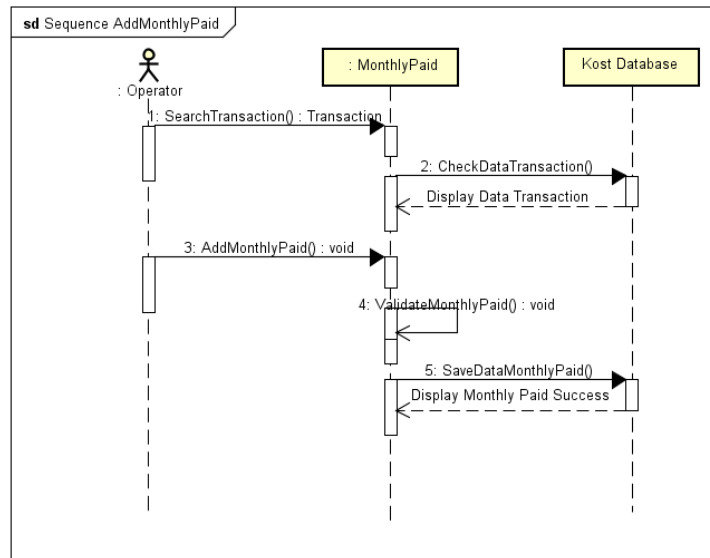
Sequence Modify Room



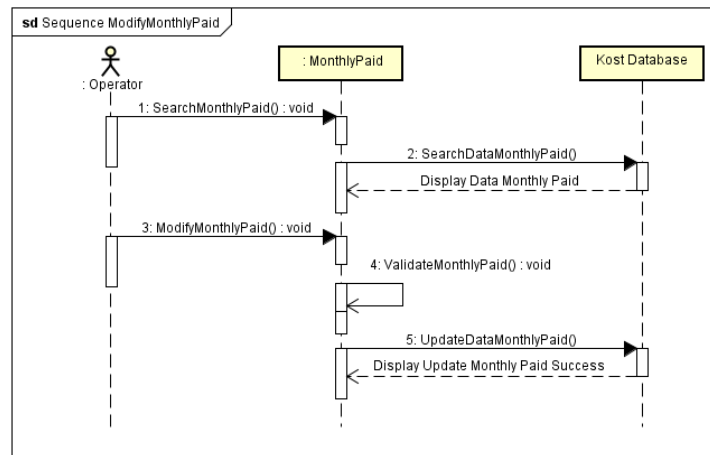
Sequence Rent In



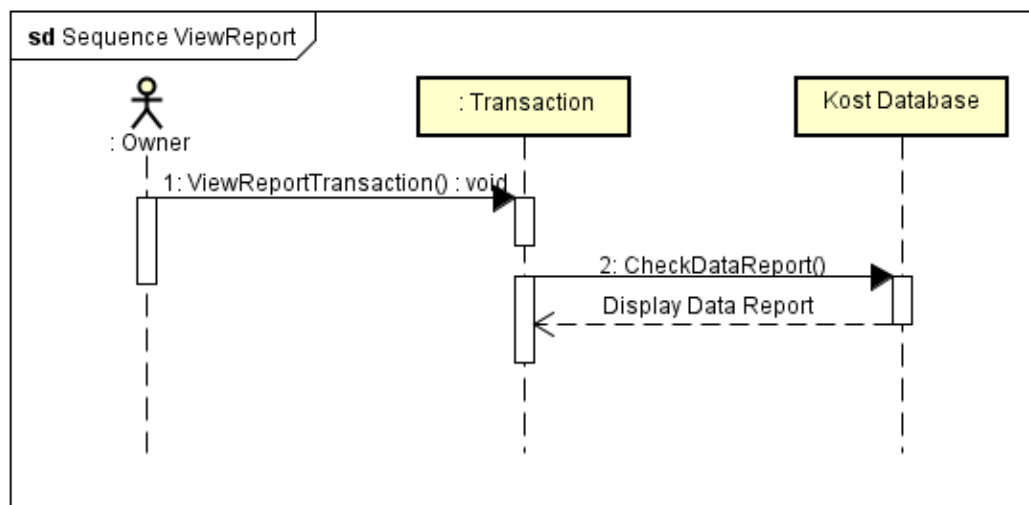
Sequence Rent Out



Sequence Add Monthly Paid

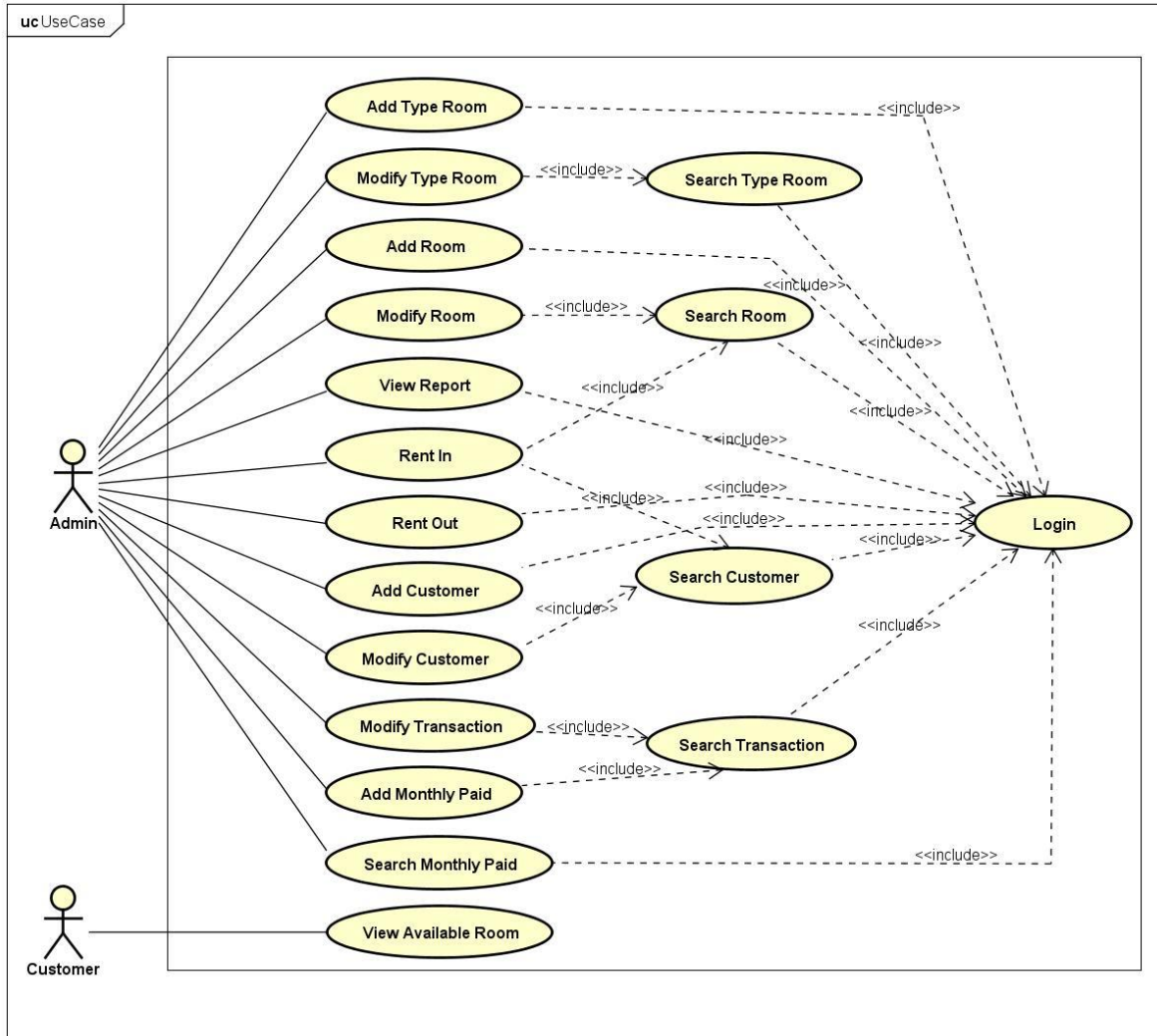


Sequence Modify Monthly Paid



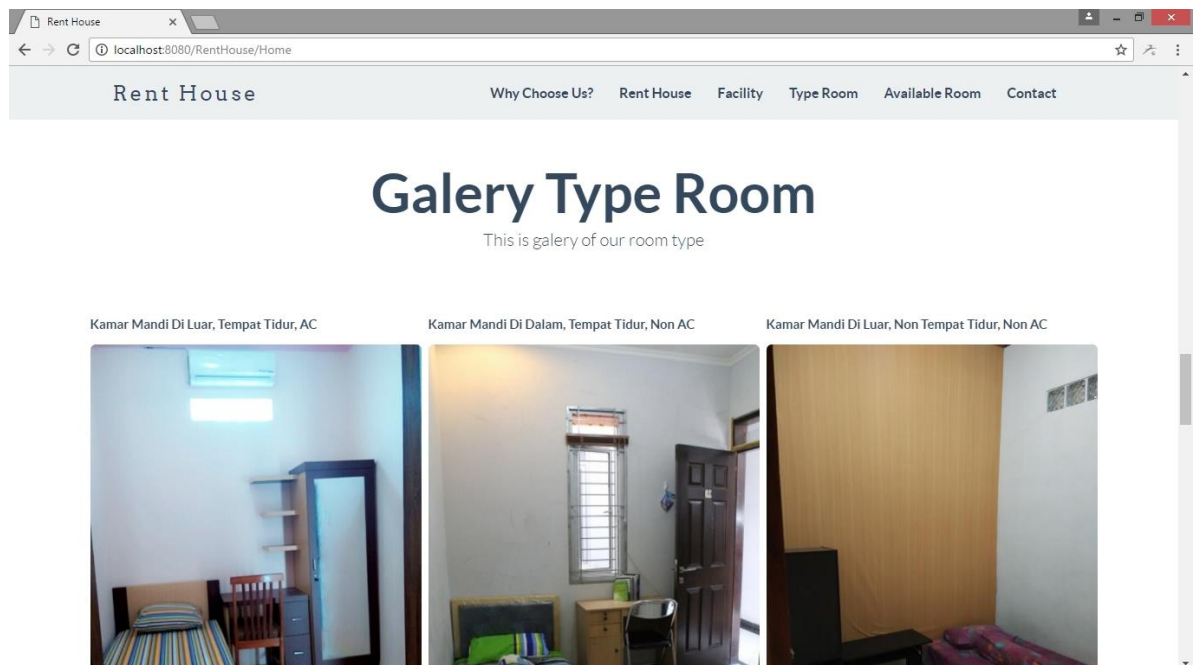
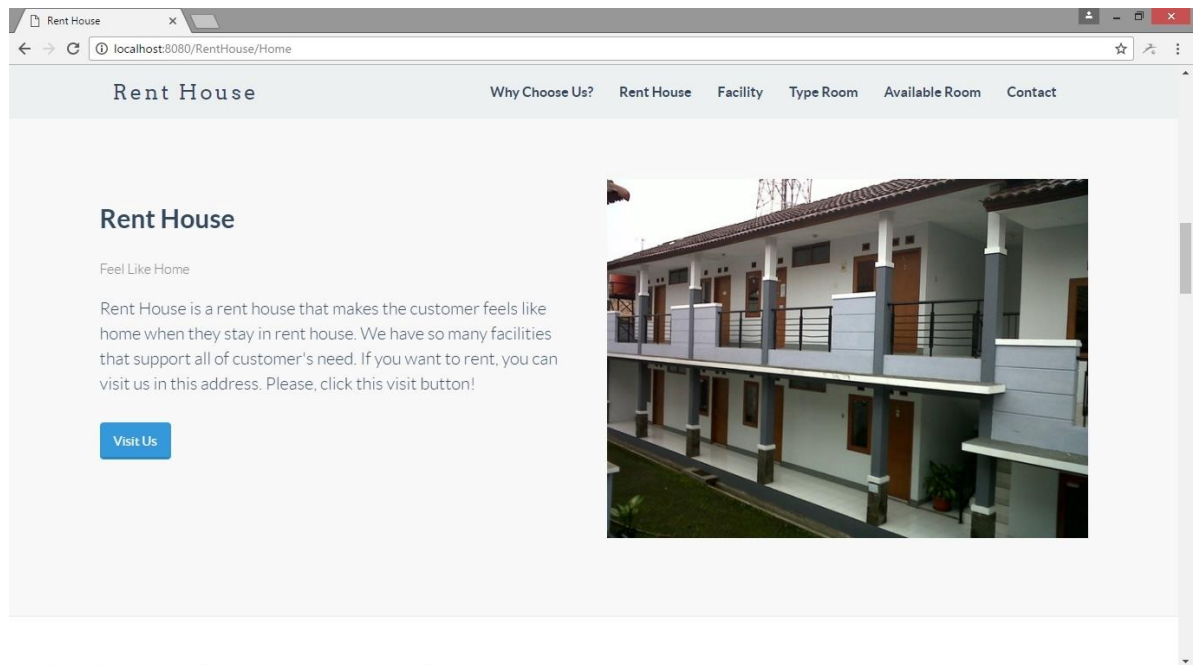
Sequence View Report

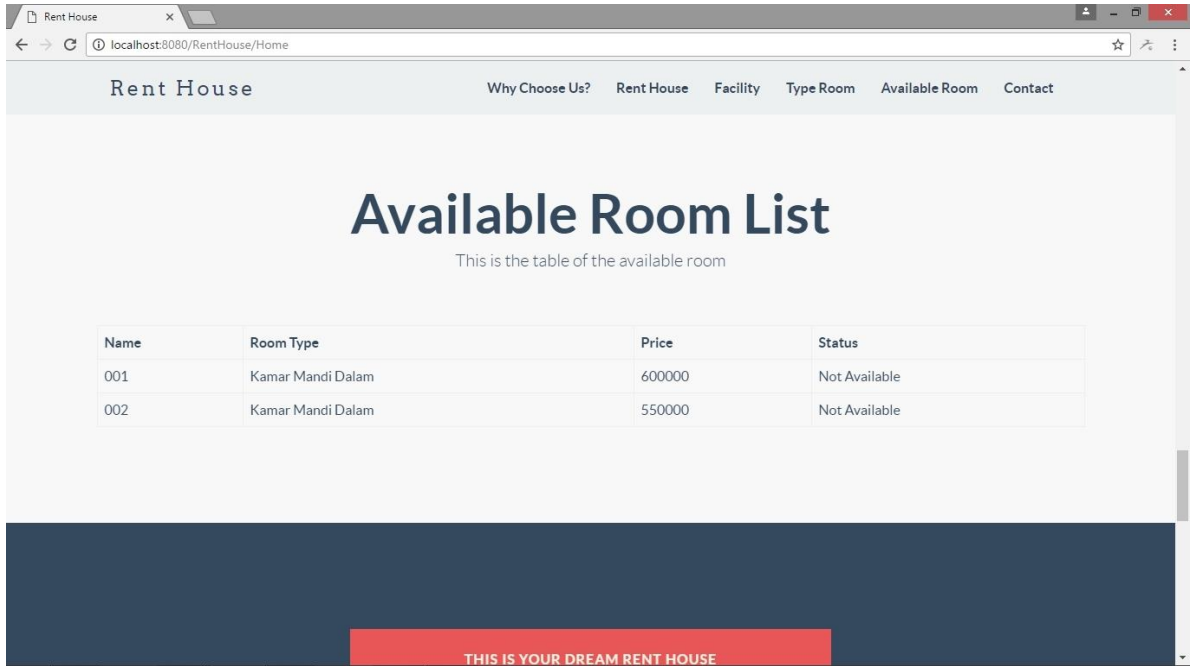
USE CASE DIAGRAM FOR RENT HOUSE



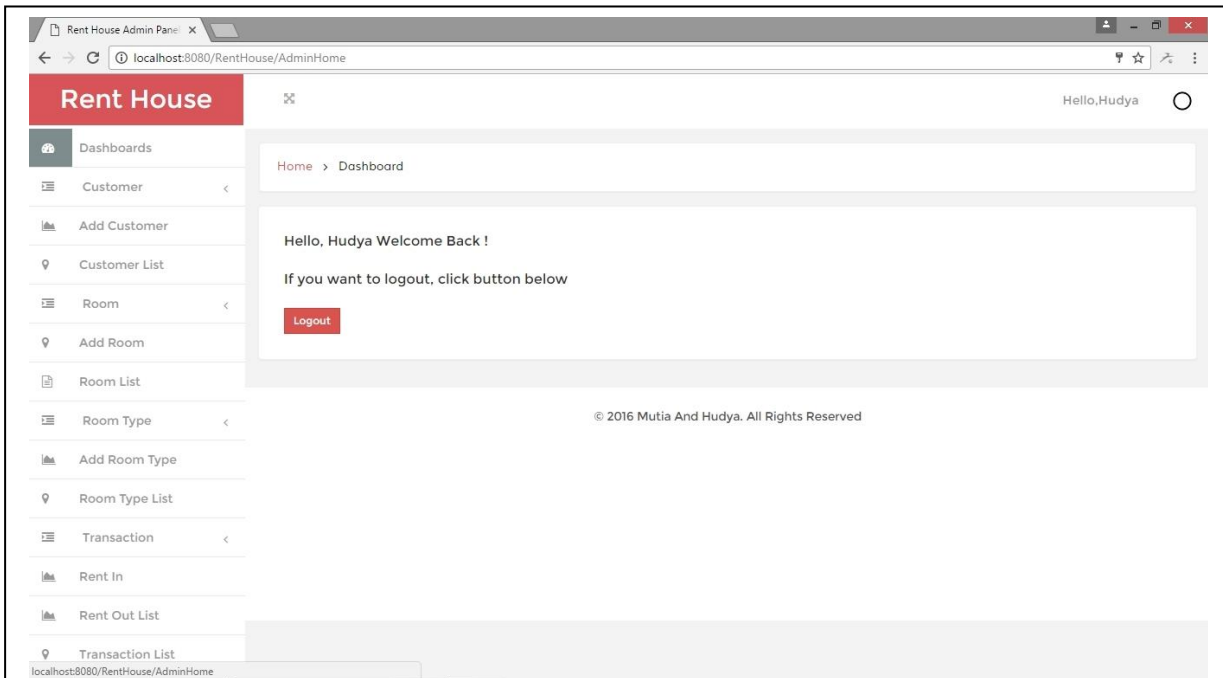
Use Case Diagram

INTERFACE OF RENT HOUSE FRONTEND

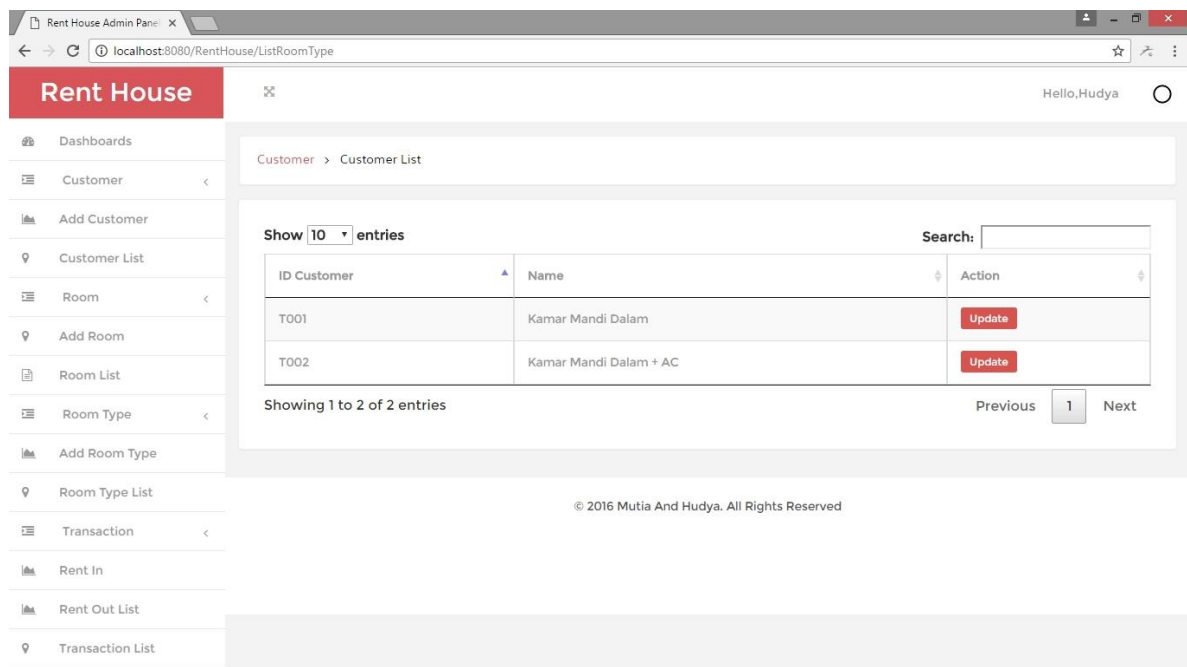




INTERFACE OF RENTHOUSE BACKEND



Admin Home



List Room Type

Rent House Admin Panel

localhost:8080/RentHouse/ListCustomer

Rent House

Dashboards

Customer

Add Customer

Customer List

Room

Add Room

Room List

Room Type

Add Room Type

Room Type List

Transaction

Rent In

Rent Out List

Transaction List

Customer > Customer List

Show 10 entries

Search:

ID Customer	Name	Address	Birthdate	Phone Number	Card Type	Card Number	Action
C001	Hudya Ramadhana	Kebayoran	1998-01-01	08213812312	KTM	1500000	Update
C002	Insan Hamzah	Bekasi	1997-12-01	08383781231	KTP	1517172312	Update
C003	Ojan	Jakarta	1998-01-01	082312321	KTP	12312423423	Update
C004	Ghifary	Bogor	1995-01-12	083838123	KTP	1423423	Update

Showing 1 to 4 of 4 entries

Previous

1

Next

© 2016 Mutia And Hudya. All Rights Reserved

List Customer

Rent House Admin Panel

localhost:8080/RentHouse/ListMonthlyPaid

Rent House

Dashboards

Customer

Add Customer

Customer List

Room

Add Room

Room List

Room Type

Add Room Type

Room Type List

Transaction

Rent In

Rent Out List

Transaction List

Customer > Customer List

Show 10 entries

Search:

ID Monthly Paid	ID Transaction	Total	Date Time	Information
M001	P004	600000	2017-04-10 14:36:01.01	Pembayaran Bulan April 2017
M002	P004	600000	2017-04-10 14:44:06.363	Pembayaran Bulan Mei 2017
M003	P005	550000	2017-04-10 15:18:09.243	Pembayaran Bulan April 2017

Showing 1 to 3 of 3 entries

Previous

1

Next

© 2016 Mutia And Hudya. All Rights Reserved

List Monthly Paid