



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

PROJECT ON

“Rent House”

Group : 8

Muhammad Hudya Ramadhana

Mutia Ayu Dianita

Faculty : Indah Ayu Yuliani S.T, M.M

Class : 3 SC 1

Faculty of Engineering University of Indonesia

Depok 16424

2016

PROJECT ON

Rent House

Developed By

*Name : Muhammad Hudya Ramadhana
Mutia Ayu Dianita*

NIIT

RENTHOUSE

Batch Code	: 3 SC 1
Start Date	: December 8, 2016
End Date	: December 29, 2016
Name Of The Coordinator	: Indah Ayu Yuliani S.T, M.M
Name Of Developer	: Muhammad Hudya Ramadhana Mutia Ayu Dianita
Date Of Submission	: December 30, 2016



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:

Indah Ayu Yuliani S.T, M.M

ACKNOWLEDGEMENT

We have benefited a lot from the feedback and suggestions given to us by Mrs. Indah Ayu Yuliani S.T, M.M 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 Indah Ayu Yuliani S.T, M.M 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 X450C , Intel(R) Core(TM) i3 8.00 GB (RAM)**

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

Software: **Astah Jude Professional**
SQL Server 2015
Visual Studio 2010

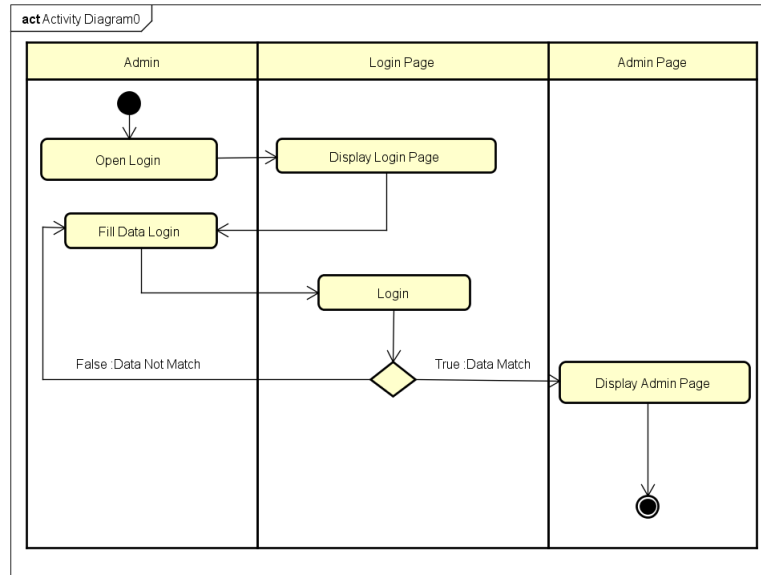
Operating System: Microsoft Windows 8.1 Pro, 64-bit Operating System

Software:	Astah Jude Professional
	SQL Server 2015
	Visual Studio 2010

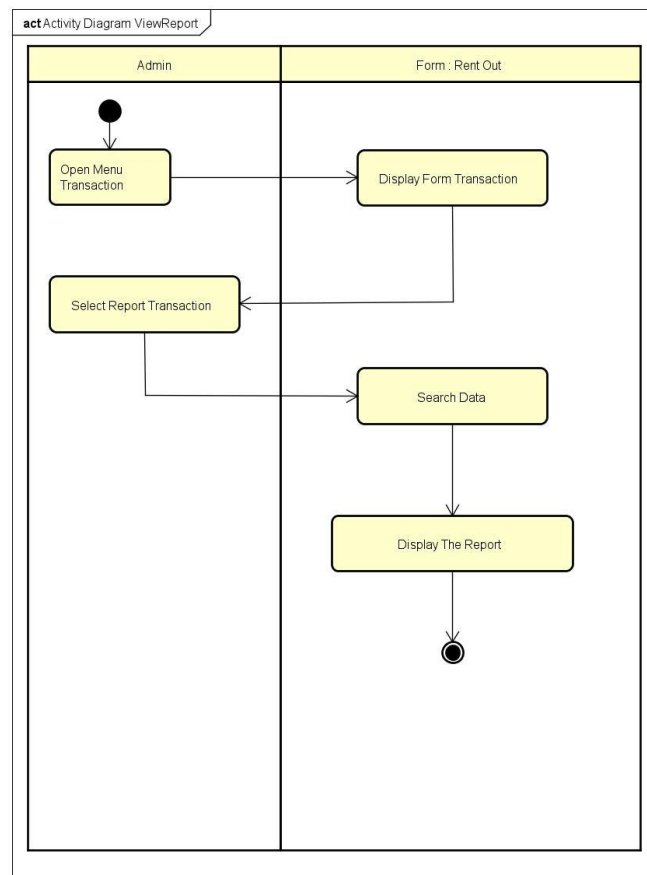
INDIVIDUAL PROJECT SCHEDULE

S. No	Activity Description	Planned Date of Completion	Actual Date	Responsibility	Remarks
1	Creating the UML Diagrams	12 th Dec 2016	12 th Dec 2016	Mutia	
2	Creating the Home Page	17 th Dec 2016	17 th Dec 2016	Mutia	
3	Creating Login Page	13 th Dec 2016	12 th Dec 2016	Hudya	
4	Creating Customer Pages	19 th Dec 2016	19 th Dec 2016	Hudya	
5	Creating Room Type Pages	3 rd Dec 2016	3 rd Dec 2016	Mutia	
6	Creating Room Pages	23 st Dec 2016	23 st Dec 2016	Mutia	
7	Creating Transaction Pages	29 st Dec 2016	28 st Dec 2016	Hudya	
8	Creating Monthly Paid Pages	29 th Dec 2016	27 th Dec 2016	Hudya	

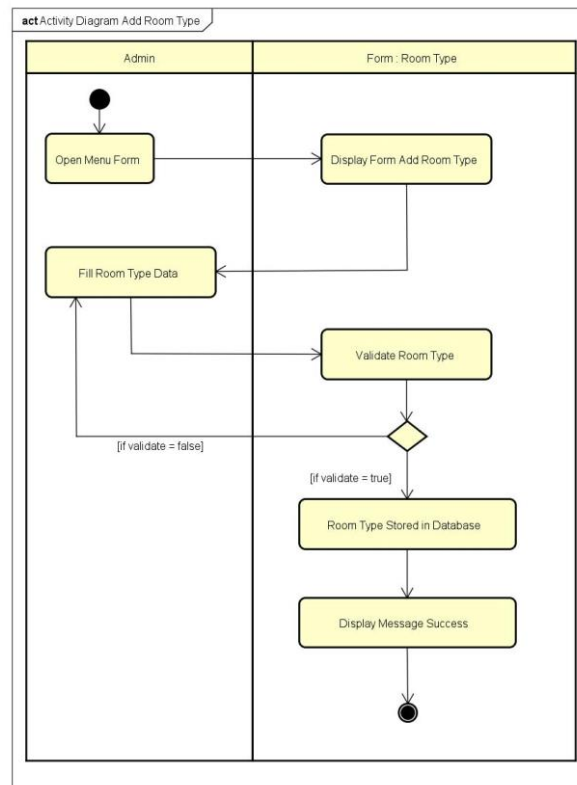
ACTIVITY DIAGRAM FOR RENT HOUSE



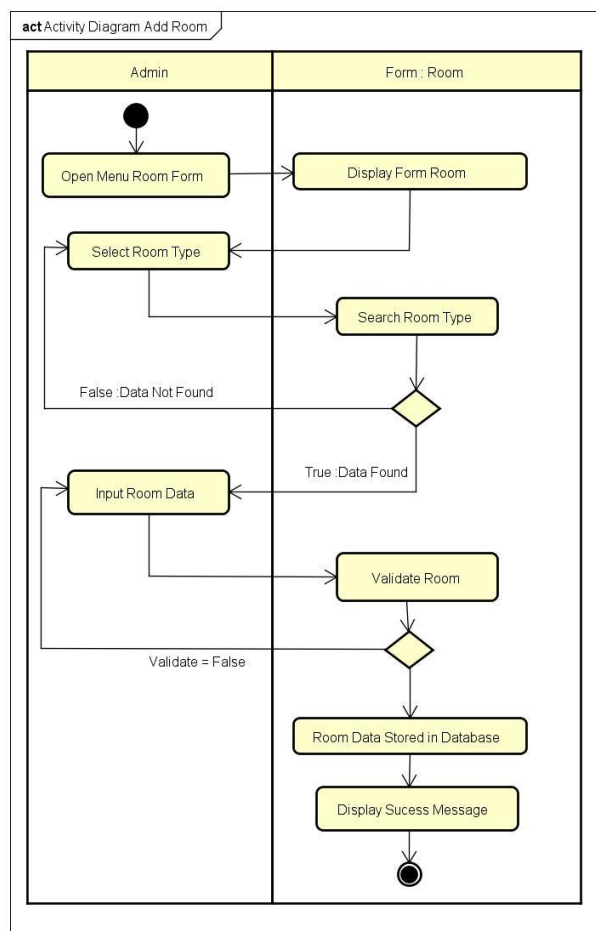
Activity Diagram Login



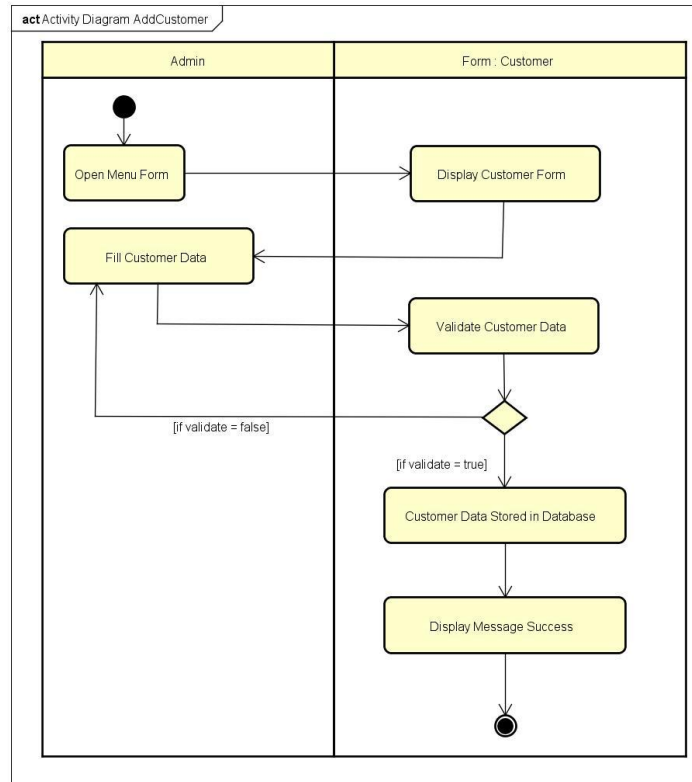
Activity Diagram Display Report



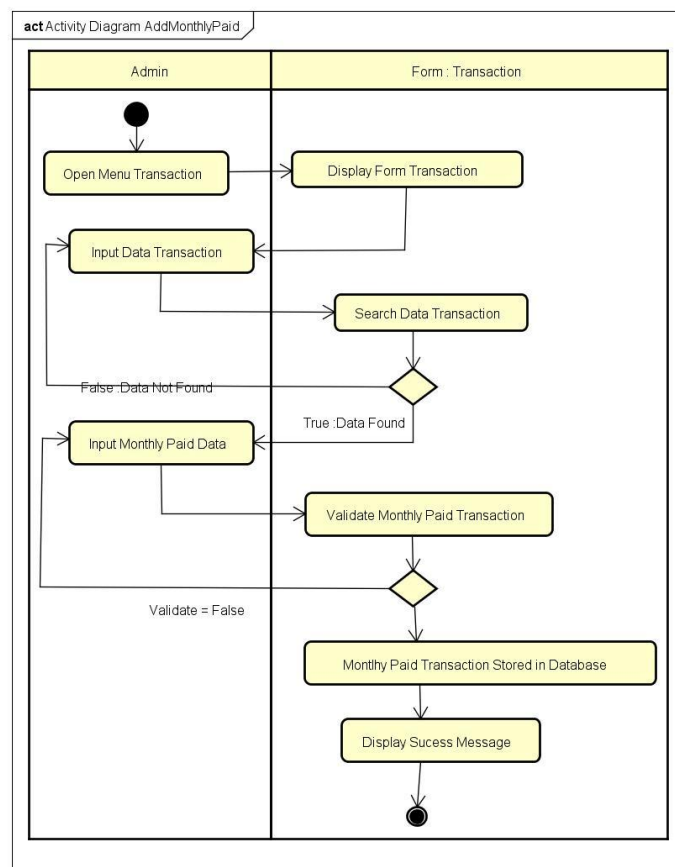
Activity Diagram Add Room Type



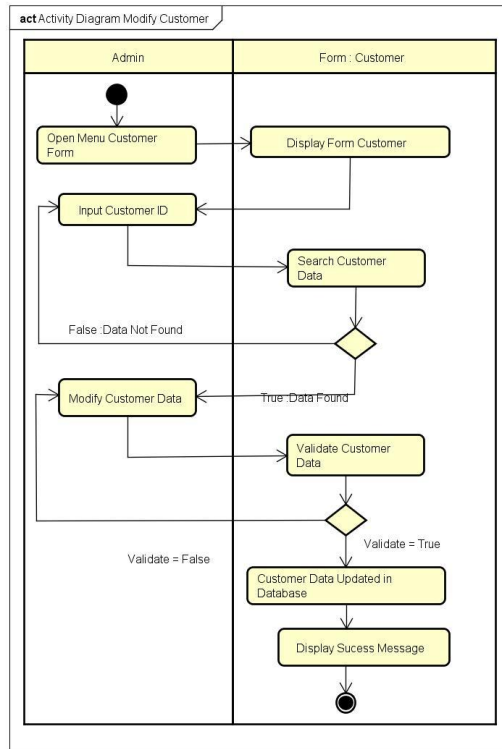
Activity Diagram Add Room



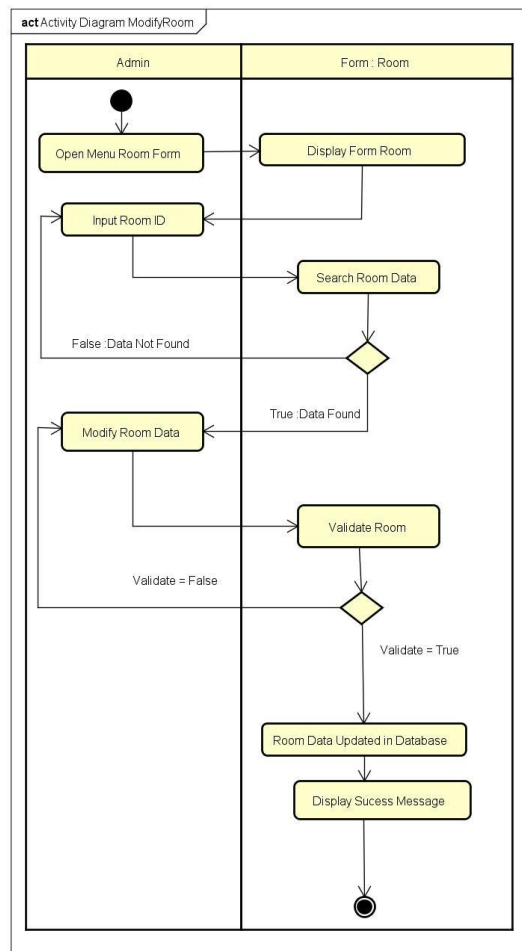
Activity Diagram Add Customer



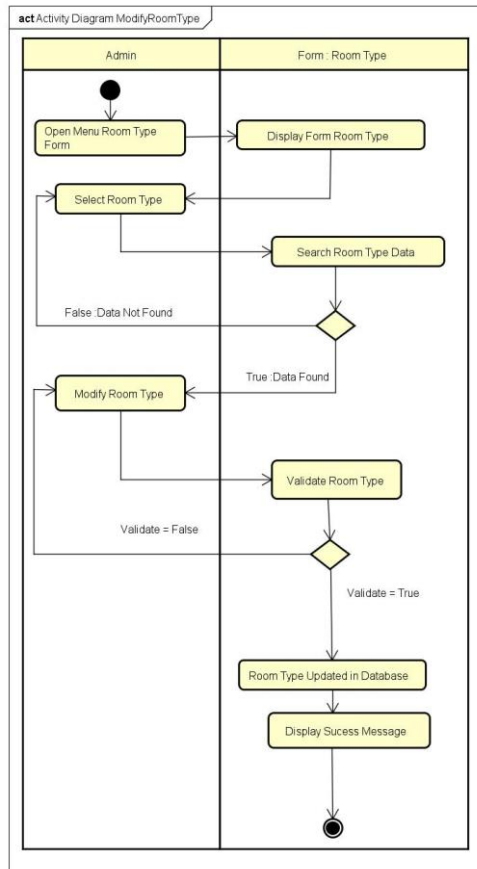
Activity Diagram Add Monthly Paid



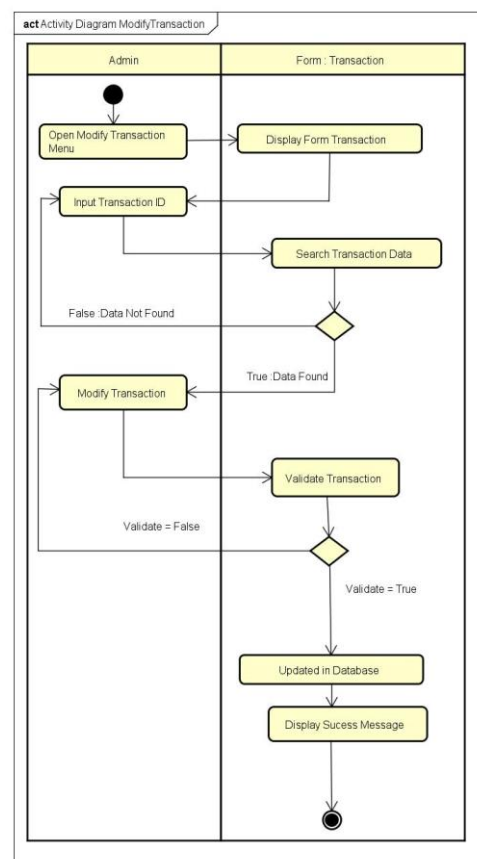
Activity Diagram Modify Customer



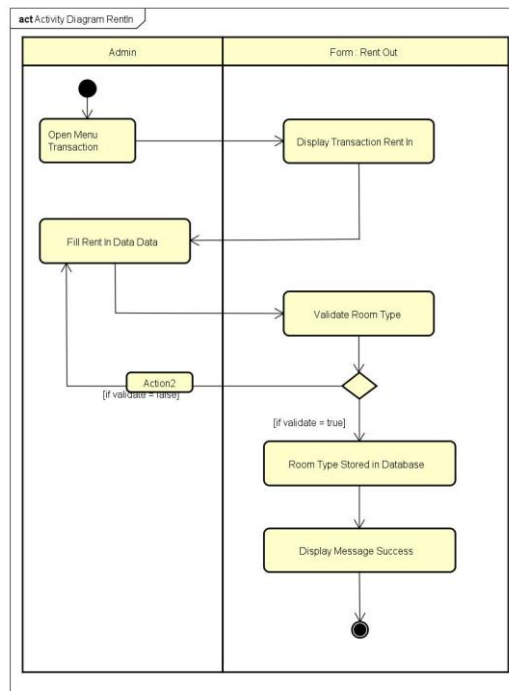
Activity Diagram Modify Room



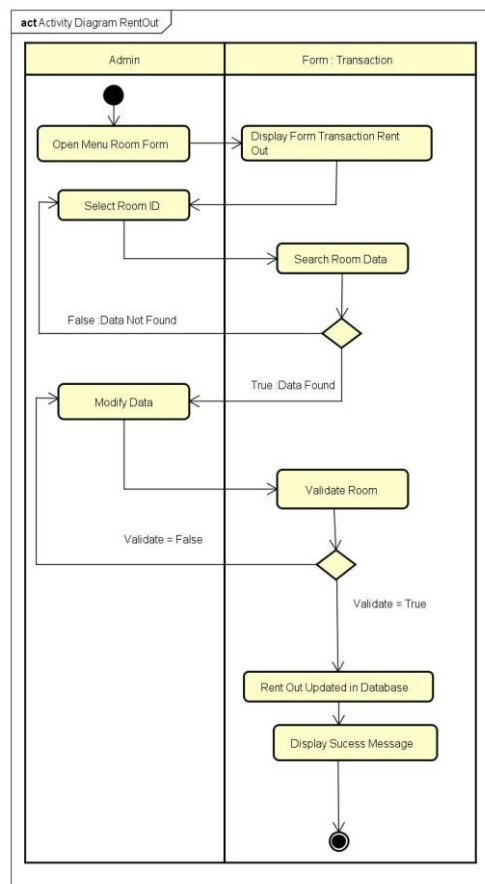
Activity Diagram Modify Room Type



Activity Diagram Modify Transaction

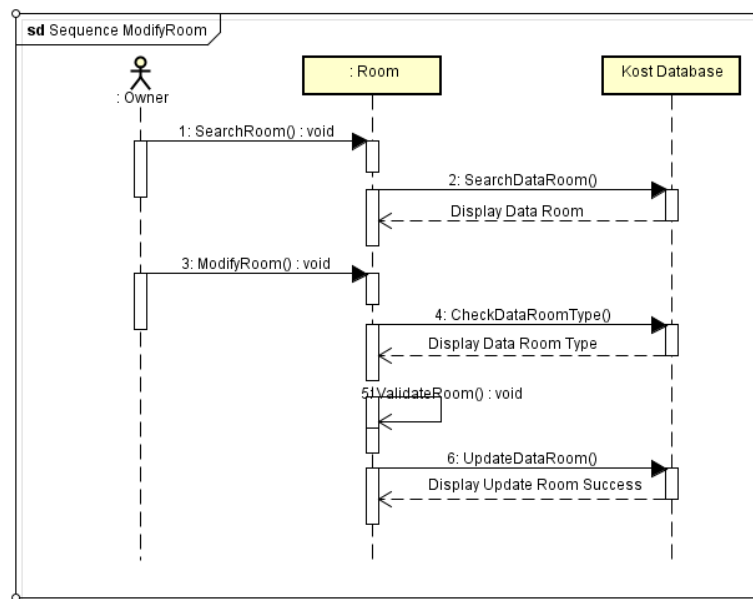


Activity Diagram Rent In

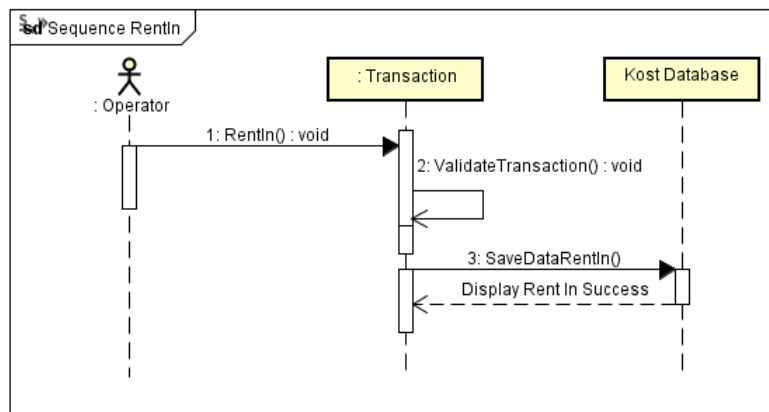


Activity Diagram Rent Out

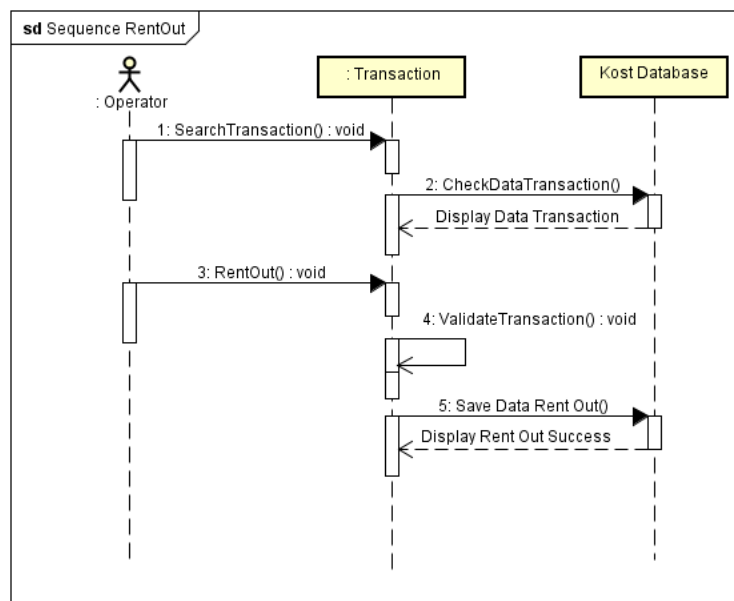
SEQUENCE DIAGRAM FOR RENT HOUSE



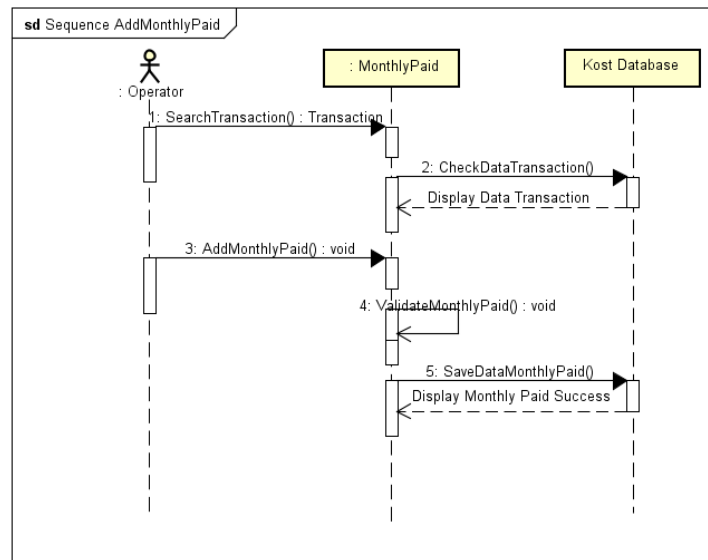
Sequence Modify Room



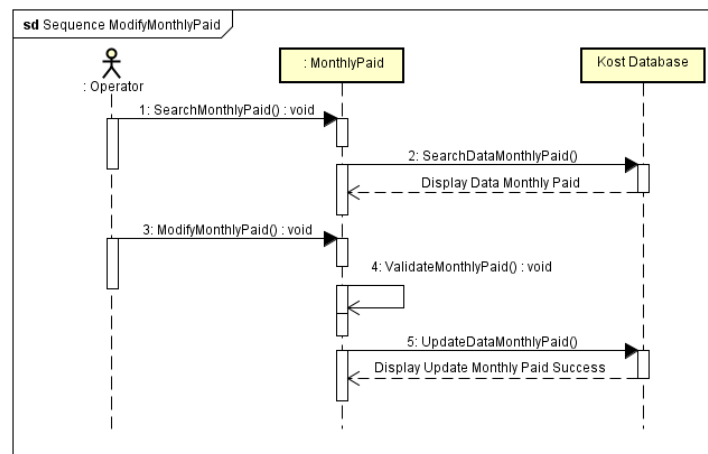
Sequence Rent In



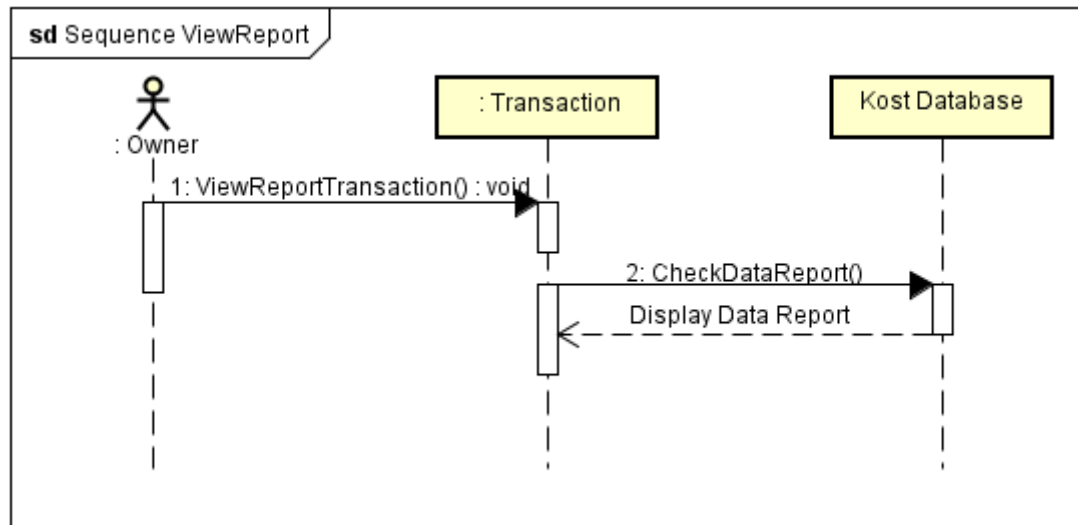
Sequence Rent Out



Sequence Add Monthly Paid

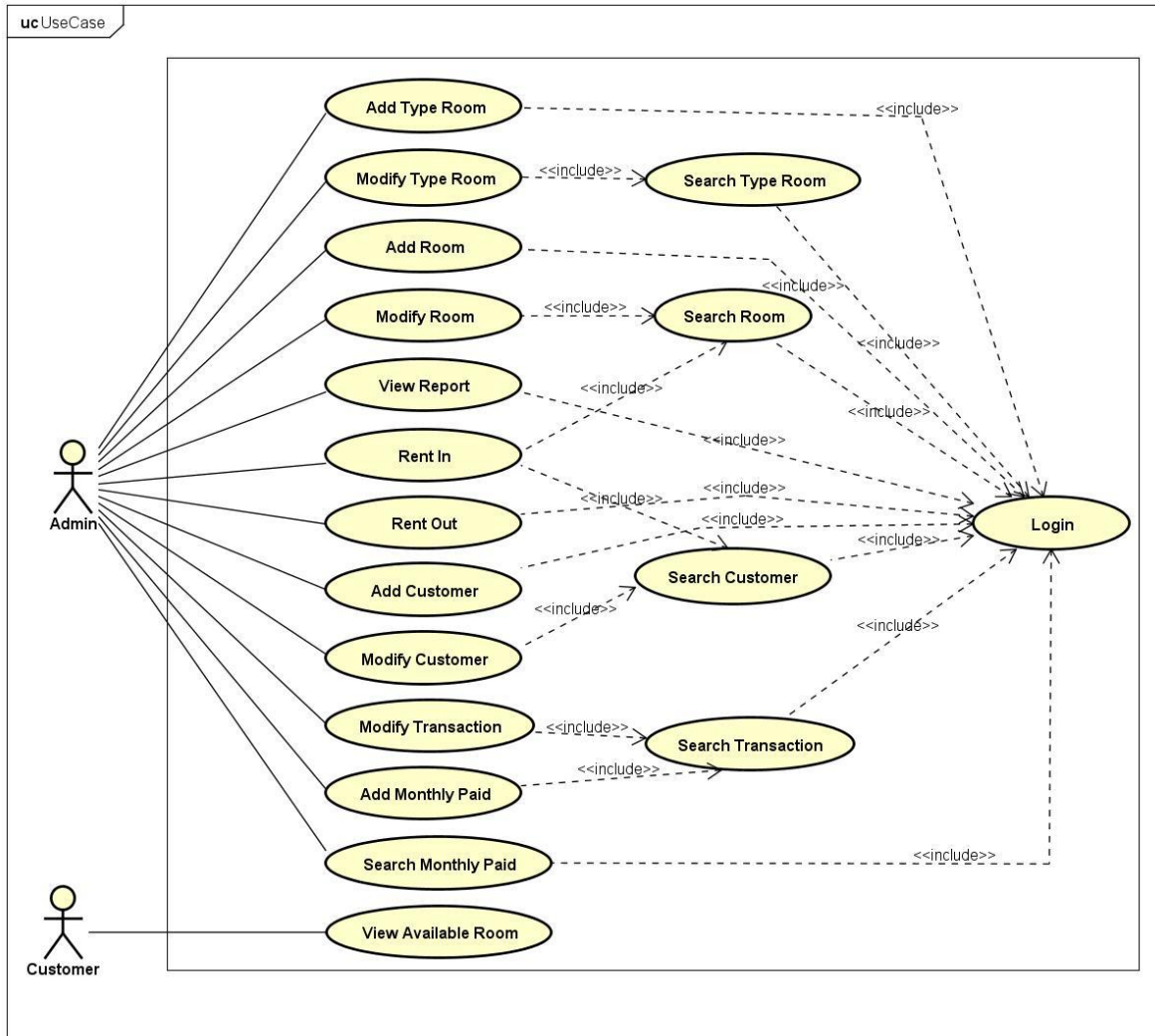


Sequence Modify Monthly Paid



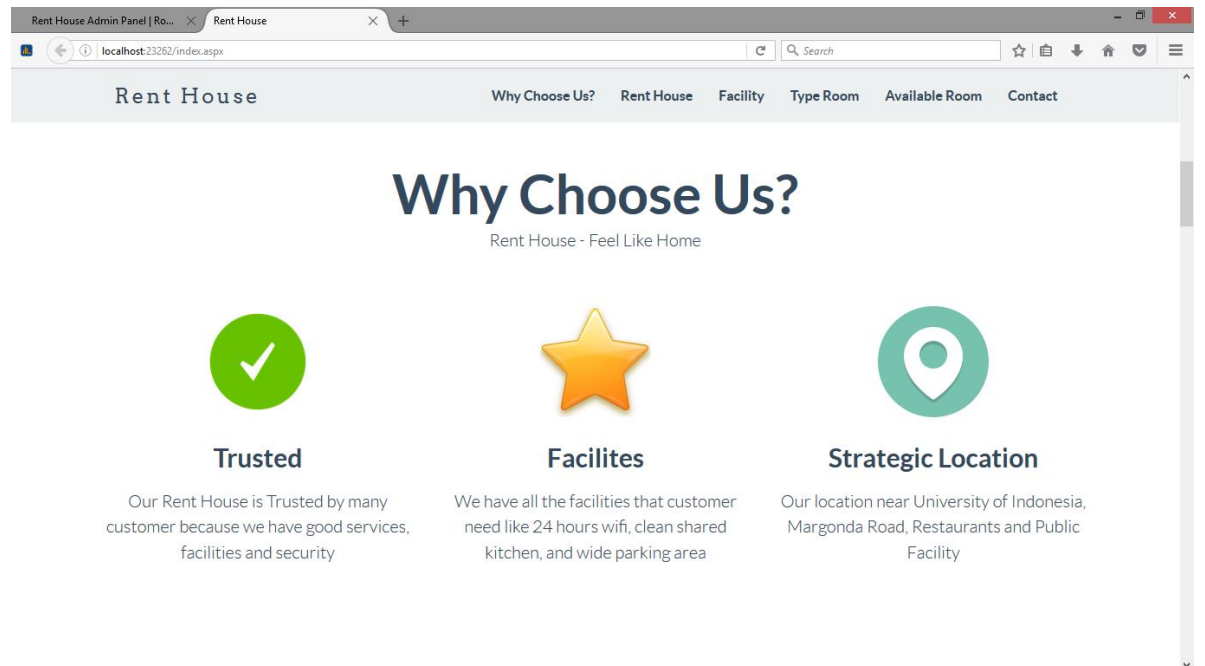
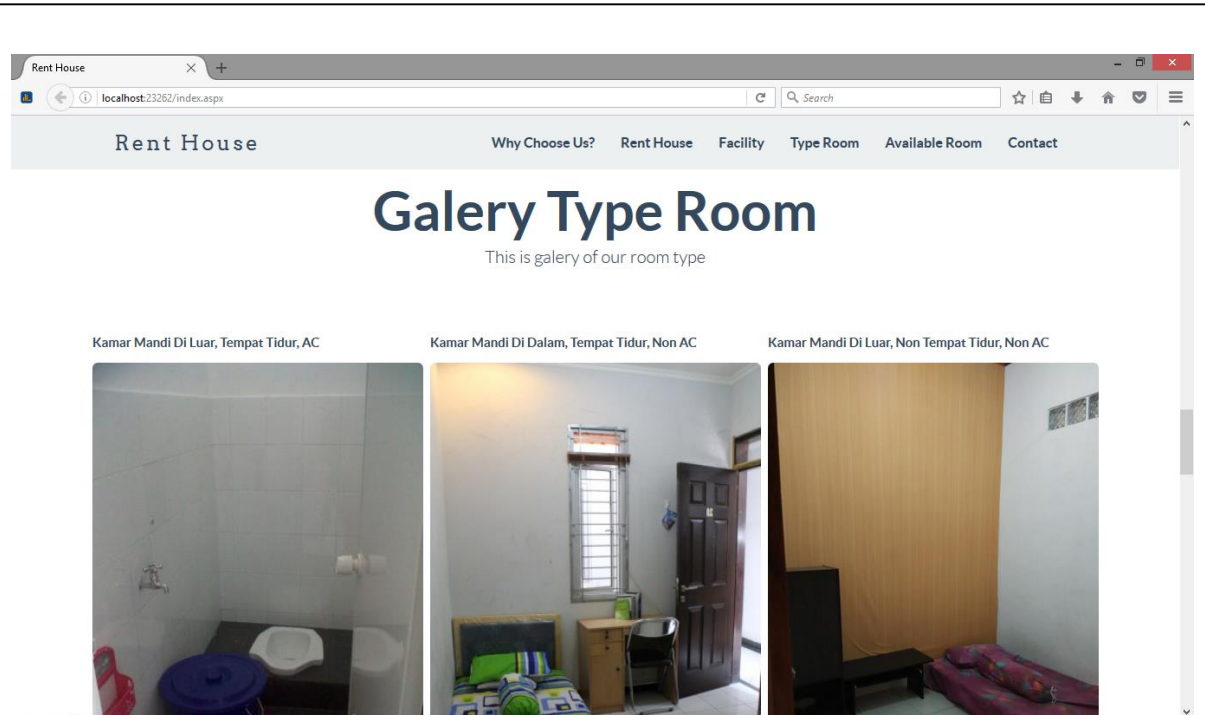
Sequence View Report

USE CASE DIAGRAM FOR RENT HOUSE



Use Case Diagram

INTERFACE OF RENT HOUSE FRONTEND



INTERFACE OF RENTHOUSE BACKEND

