



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

## **PROJECT ON**

**“NY Sharia Cooperative”**

**Group : 7**

**Jasmine Nabila Novel**

**Yansiska**

**Faculty : Emma Yulianti ST. MM**

**Class : 4 SC 4**

Faculty of Engineering University of Indonesia

Depok 16424

2018

# PROJECT ON

*NYSharia Cooperative*

Developed By

*Name : Jasmine Nabila Novel  
Yansiska*

**NIIT**

# NYSharia Cooperative

Batch Code	: 4 SC 4
Start Date	: May 25 <sup>th</sup> , 2018
End Date	: June 5 <sup>th</sup> , 2018
Name Of The Coordinator	: Emma Yulianti ST, MM
Name Of Developer	: Jasmine Nabila Novel Yansiska
Date Of Submission	: June 5 <sup>th</sup> , 2018



## CERTIFICATE

This is to certify that this report, titled NYSharia Cooperative embodies the original work done by *Jasmine Nabila Novel and Yansiska* in partial fulfillment of their course requirement at NIIT.

Coordinator:  
*Emma Yulianti S.T M.M*

# ACKNOWLEDGEMENT

We have benefited a lot from the feedback and suggestions given to us by Ms. Emma Yulianti 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 Ms Emma Yulianti ST, 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 platform:

1. Web for User and Admin

The proposed software system needs to provide the following functionalities to the Admin of NY Sharia Cooperative:

1. Allow Admin to View Member Data, Loan Data.
2. Allow Admin to Change Status to Loan.

The proposed software system also provide the following functionality to the User of NY Sharia Cooperative :

1. Allow User to Registration, Login, Edit Profile, View History Loan

# **HARDWARE AND SOFTWARE REQUIREMENTS**

**Hardware:**

- Acer Aspire ES14, AMD Quad-Core Processor 5000(1,5 Ghz)
- AMD Radeon HD 8330 8.00 GB (RAM)

**Operating System:** Microsoft Windows 10.1 Pro, 64-bit Operating System

**Software:**

Astah Jude Professional

SQL Server 2012

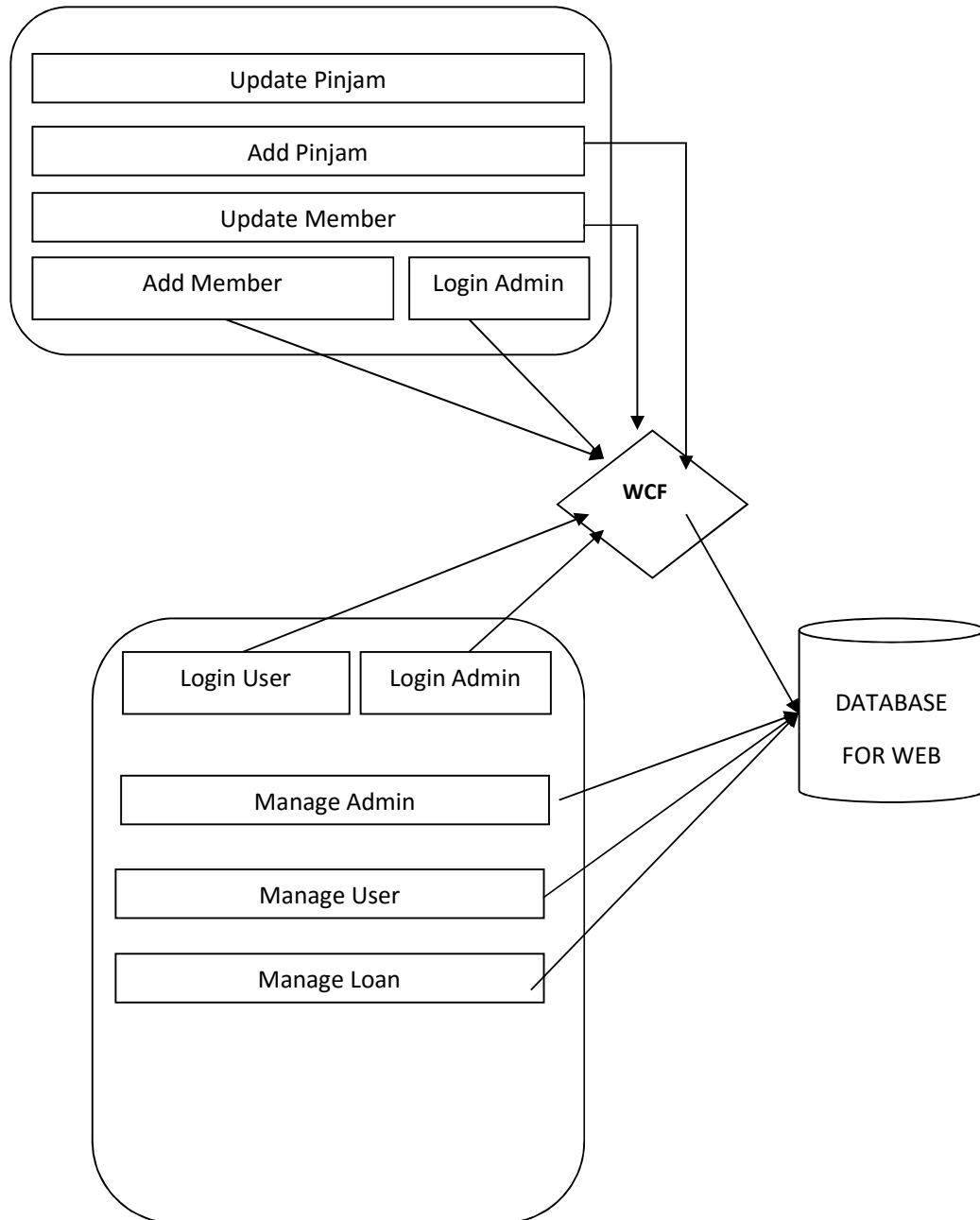
Visual Studio 2015

## INDIVIDUAL PROJECT SCHEDULE

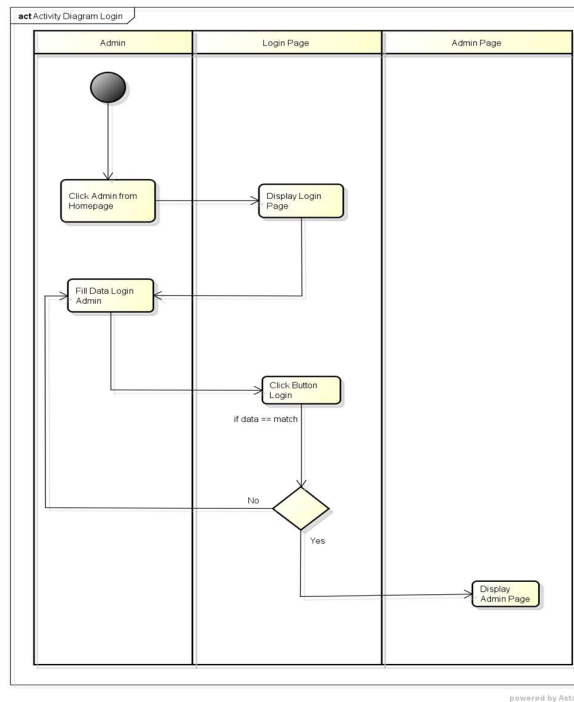
S. No	Activity Description	Planned Date of Completion	Actual Date	Responsibility	Remarks
1	Creating the Database for Web	29 <sup>th</sup> May 2018	29 <sup>th</sup> May 2018	Yansiska and Jasmine	
2	Creating WCF Service	02 <sup>th</sup> June 2018	05 <sup>th</sup> June 2018	Yansiska and Jasmine	
3	Creating Web Application	29 <sup>st</sup> June 2018	29 <sup>st</sup> June 2018	Yansiska	
4	Creating Paper Project	05 <sup>th</sup> June 2018	05 <sup>th</sup> June 2018	Jasmine and Yansiska	
5	Creating UML Diagrams	05 <sup>th</sup> June 2018	05 <sup>th</sup> June 2018	Jasmine and Yansiska	



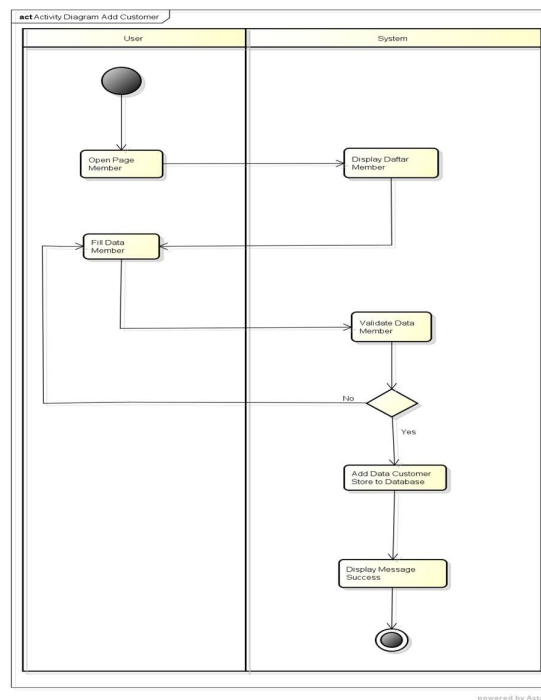
# WCF SYSTEM ARCHITECTURE DIAGRAM



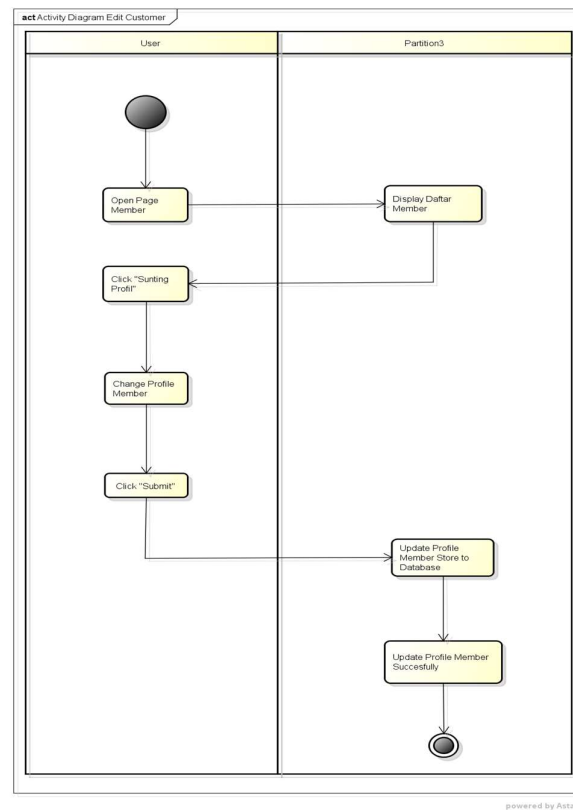
# ACTIVITY DIAGRAM FOR NYSharia



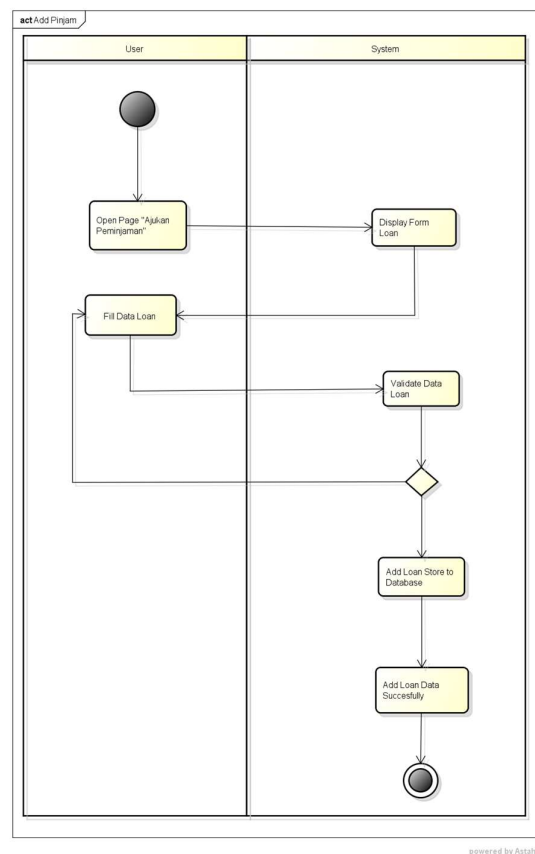
*Activity Diagram Login*



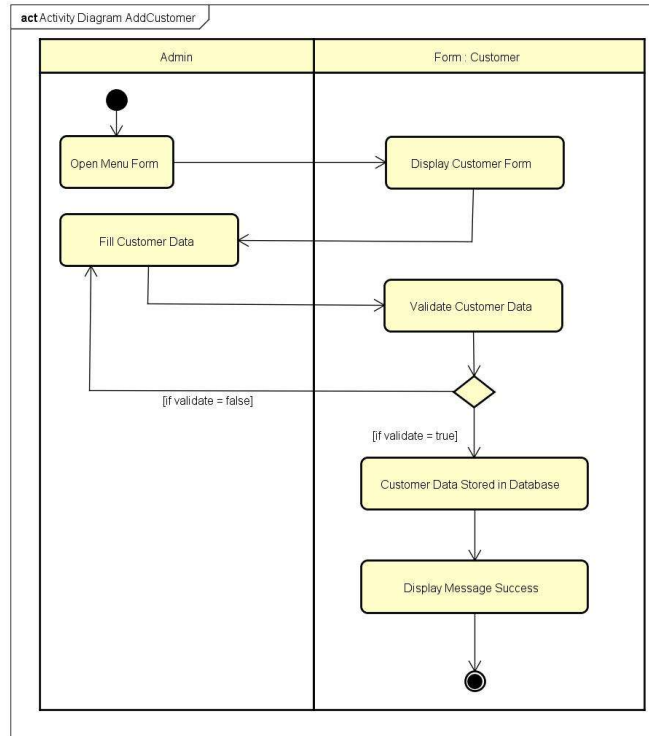
*Activity Diagram Registration*



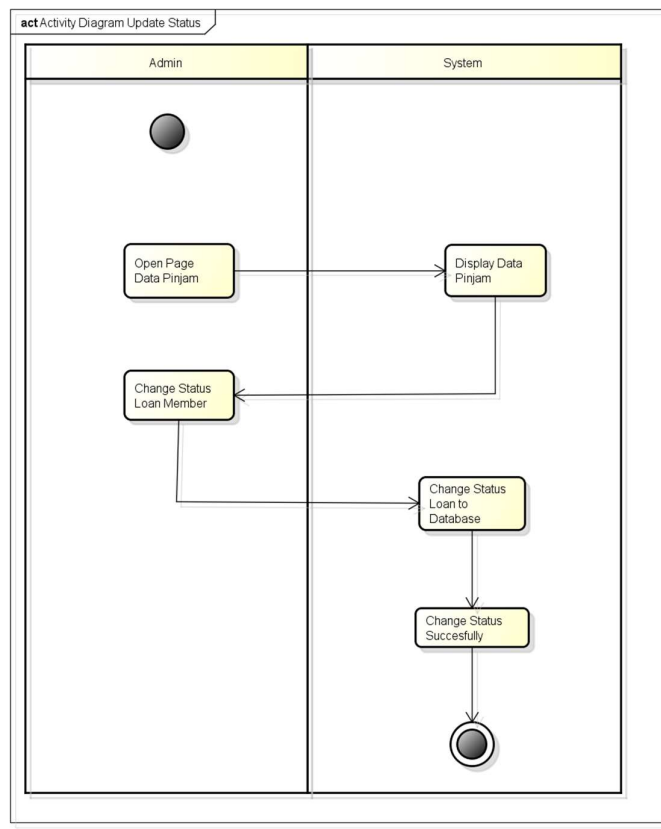
*Activity Diagram Edit Profile*



*Activity Diagram Add Pinjam*

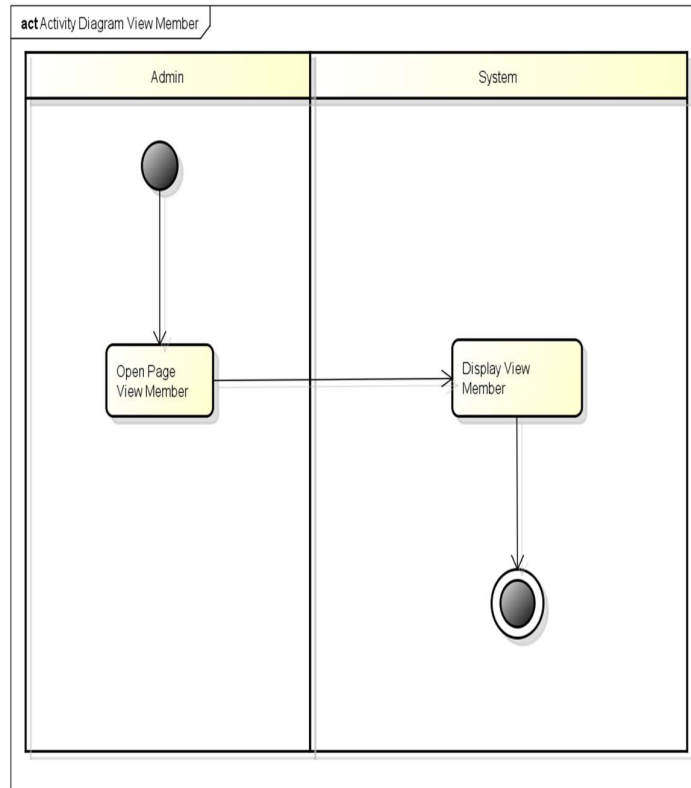


Activity Diagram Add Customer



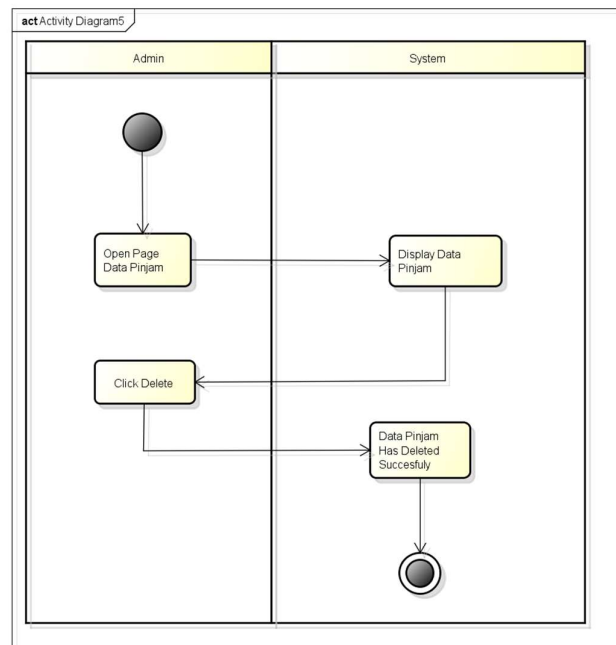
powered by Astah

Activity Diagram Update status pinjam



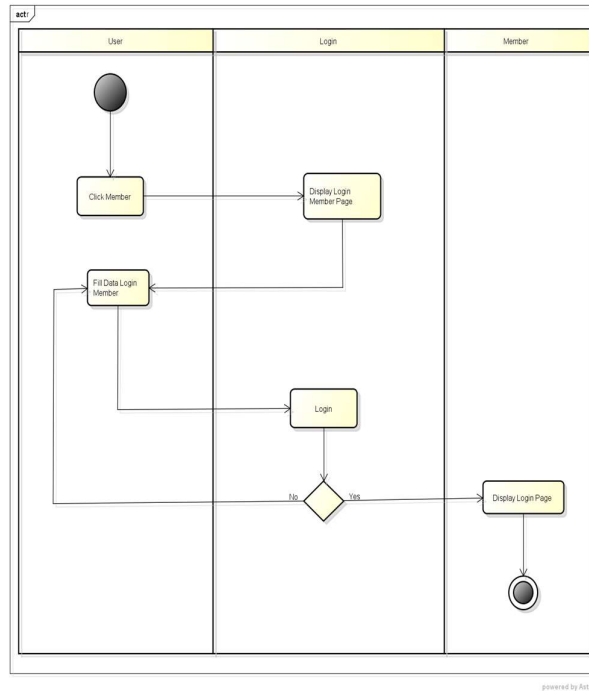
powered by Astah

*Activity Diagram View Member*

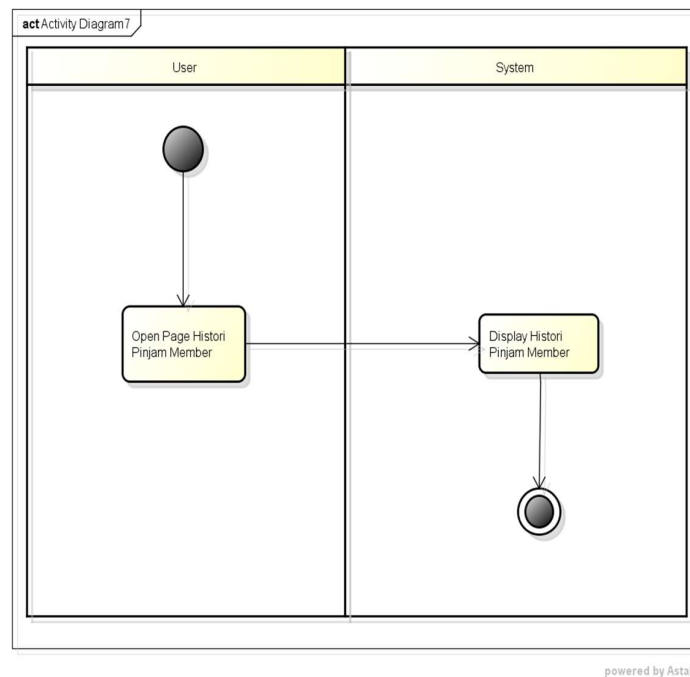


powered by Astah

*Activity Diagram Delete Data Loan*

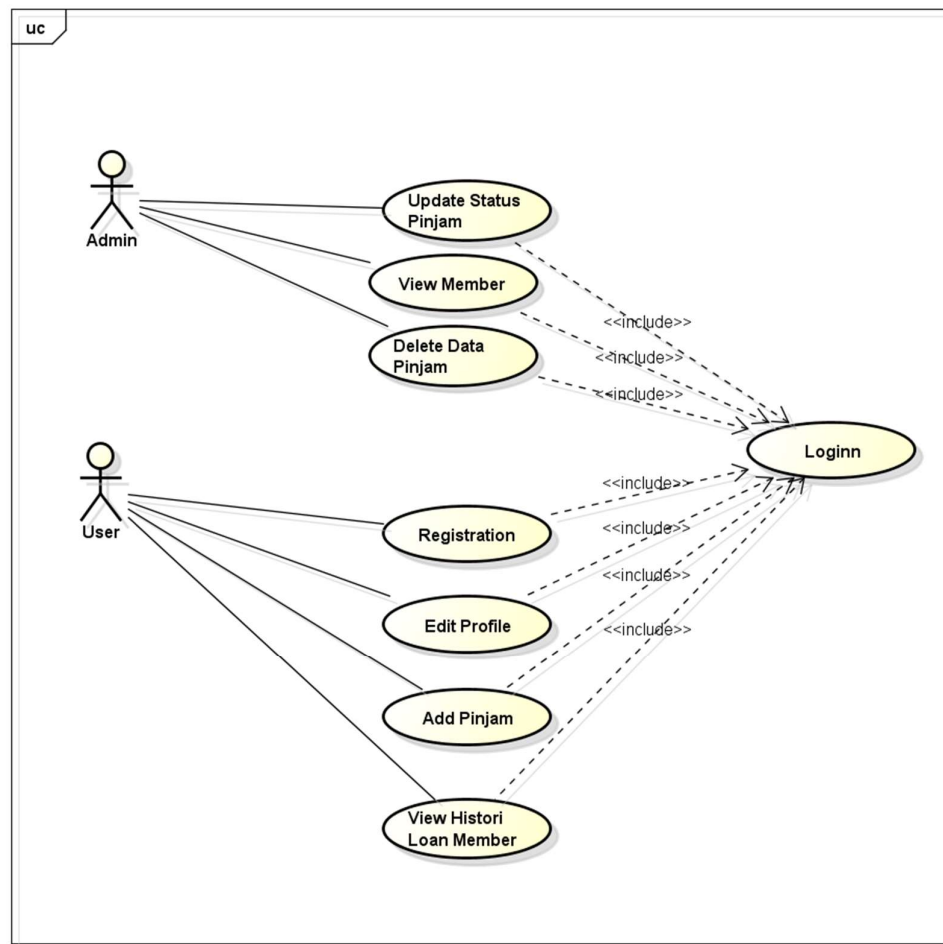


*Activity Diagram Login Member*



*Activity Diagram View Histori Pinjam Member*

# USE CASE DIAGRAM FOR NYSharia



powered by Astah

*Use Case Diagram*

## INTERFACE OF NYSHARIA FOR WEB



*Home*

A screenshot of a web browser displaying the 'Daftar Member' (Register Member) page of 'NY Koperasi Syariah'. The browser's address bar shows 'localhost:51268/DaftarMember.aspx'. The page has a teal header with the same navigation links as the home page. The main content area has a teal background and is titled 'Daftar Member'. On the left, there is a registration form with the following fields: 'ID Anggota' (ID Member) with the value 'JK004', 'Nama Anggota' (Member Name) with the value 'Yansis', 'Tanggal lahir' (Date of birth) with the value '06/09/1994', 'Jenis Kelamin' (Gender) with a dropdown menu showing 'Perempuan', 'Email' with the value 'yansis@gmail.com', and 'Password' with masked characters '\*\*\*\*'. A blue 'Daftar' (Register) button is at the bottom of the form. On the right, there is an illustration of a man and a woman in business attire, surrounded by documents, a clipboard, and a pen.

*Registration Member*



← → localhost:51268/Login.aspx

NY Koperasi Syariah


Home About Us Daftar Member Simulasi **Member** Admin

LOGIN

Username:  
K004

Password:  
\*\*\*\*

Login




*Login Member*

← → localhost:51268/HomeMember.aspx

NY Koperasi Syariah

**Profil Member** Ajukan Pinjamam Histori Pinjam Keluar

ID Anggota	Nama Anggota	Alamat	Tanggal Lahir	Jenis Kelamin	Pekerjaan	Gaji (Perbulan)	Email	No Telepon	Edit
K004	Yansis		1994-06-09	Perempuan			yansis@gmail.com		Sunting Profil



*Profile Member New Regis*

← → 🏠 localhost:51268/Pinjam.aspx

NY Koperasi Syariah

Profil Member Ajukan Pinjaman Histori Pinjam Keluar

### "Isi Form Peminjaman"

ID Pinjam:  
P004

ID Anggota:  
K004


Nama Anggota:  
Yansis

Gaji (Perbulan):  
15000000

Jumlah Pinjaman:  
20000000

Jangka Pinjam (Bulan):  
6

Angsuran:  
3333333



*Form Loan*



*Greetings After Loan*

ID Pinjam	ID Anggota	Nama Anggota	Gaji Perbulan	Jumlah Pinjam	Jangka Pinjam	Angsuran	Status
P004	K004	Yansis	15000000	20000000	6	3333333	Pinjaman Anda akan segera di Proses

*History Status Member After Loaning*

**Login Form Website**

Isilah form username dan password untuk login pada website NY Koperasi Syariah online di bawah ini dengan benar !

Username : Admin

Password : .....

Login

*Login Admin*

localhost:51268/ViewMember.aspx

NY Koperasi Syariah

Data Anggota Data Pinjam Keluar

ID Anggota	Nama	Alamat	Tanggal Lahir	Jenis Kelamin	Pekerjaan	Gaji(Perbulan)	Email	No Telepon	Hapus
K001	Yansiska	Depok	09 Oktober 1982	Perempuan	Developer	9000000	yansiska01@gmail.com	087724241271	Hapus
K002	Jasmine	Alamanda	09 Oktober 1998	Perempuan	AI	1000000	jasmine01@gmail.com	0878711076522	Hapus
K003	Hana	Depok	1994-01-11	Perempuan	Admin	6000000	HS@gmail.com	082234556543	Hapus
K004	Yansis	Depok	1994-06-09	Perempuan	CEO MANAGER	15000000	yansiska@gmail.com	087724241271	Hapus

*Data Member for Admin*

localhost:51268/ViewPinjam.aspx

NY Koperasi Syariah

Data Anggota Data Pinjam Keluar

### Data Pinjam

ID Pinjam	ID Anggota	Nama Anggota	Gaji Perbulan	Jumlah Pinjam	Jangka Pinjam	Angsuran	Status	Edit
P001	K001	Yansiska	9000000	10000000	6	1666666	Setuju	Edit Hapus
P002	K002	Jasmine	1000000	500000	2	250000	Pinjaman Anda akan segera di Proses	Edit Hapus
P003	K003	Hana	6000000	7000000	4	1750000	Setuju	Edit Hapus
P004	K004	Yansis	15000000	20000000	6	3333333	Pinjaman Anda akan segera di Proses	Edit Hapus

*Data Loan for Admin*

localhost:51268/UpdatePinjam.aspx?ID\_Pinjam=P004

ID Pinjam: P004

ID Anggota: K004

Nama Anggota: Yannis

Gaji: 15000000

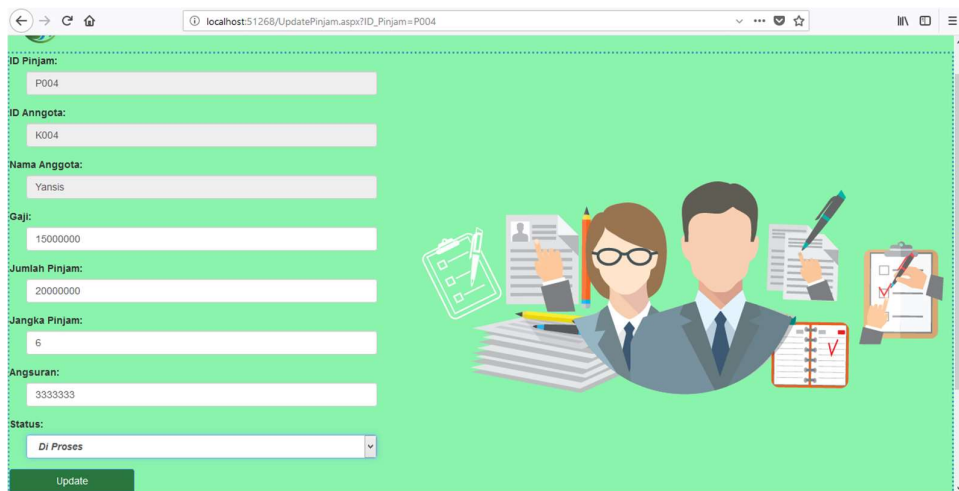
Jumlah Pinjam: 20000000

Jangka Pinjam: 6

Angsuran: 3333333

Status: Di Proses

Update



*Update Status for Admin*

localhost:51268/Simulasi.aspx

NY Koperasi Syariah

Home About Us Daftar Member **Simulasi** Member Admin


### Simulasi

Gaji (Perbulan): 9000000

Jumlah Pinjaman: 11000000

Jangka Pinjaman (Bulan): 4

Angsuran: 2750000



*Simulation*