

# **REPORT OF ADVANCED WEB PROGRAMMING PROJECT**



**Created By :**

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**POLITEKNIK NEGERI MALANG**

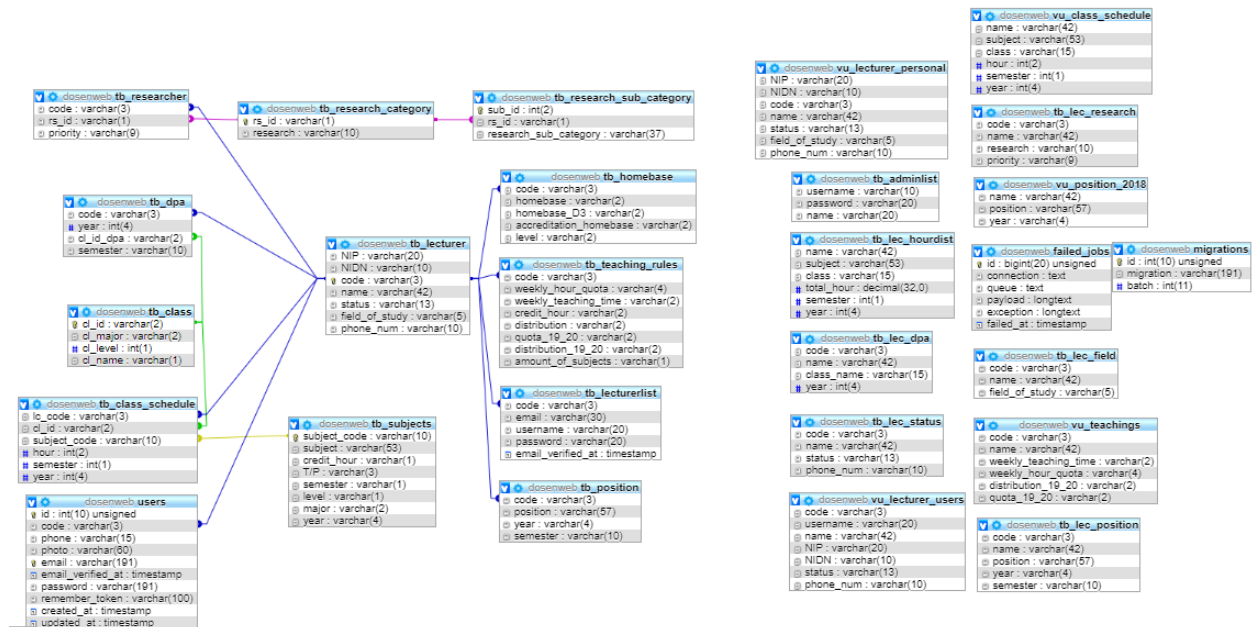
**2020**

## A. Introduction

The website that we created is a website about Polinema teaching systems. This website is divided into 2 levels of users, namely admin and lecturer. At the user admin level, it contains all the data of the teaching lecturer. Starting from personal information, teaching data, classes, lecturers' positions, lecturers' research groups, etc. Admin can update, add, read, delete data and download or upload data via excel. At the lecturer user level there is personal information about the lecturer, the teaching schedule of the lecturer concerned, the research group to be followed, and the courses taught. In this level user only can update personal information data. This website is crafted with CI and Laravel. Admin level with CI and Lecturer level with Laravel

The whole code for CodeIgniter and Laravel for this particular project is available on <https://github.com/ilhamAdhim/final-datadosen>.

## B. Databases

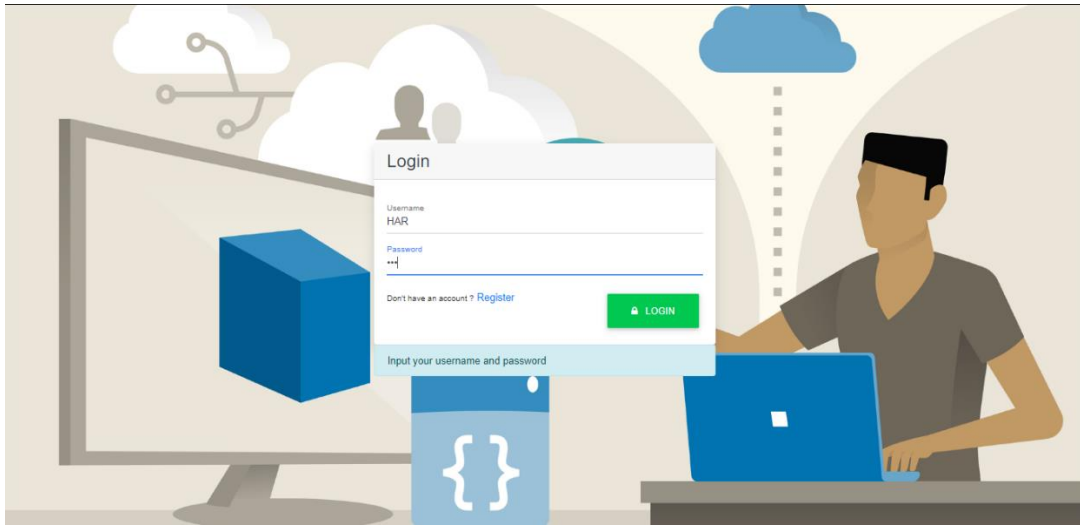


There are the database we use the left one is the main table in our database and the right one is the view for simplify the query, so the query doesn't need join.

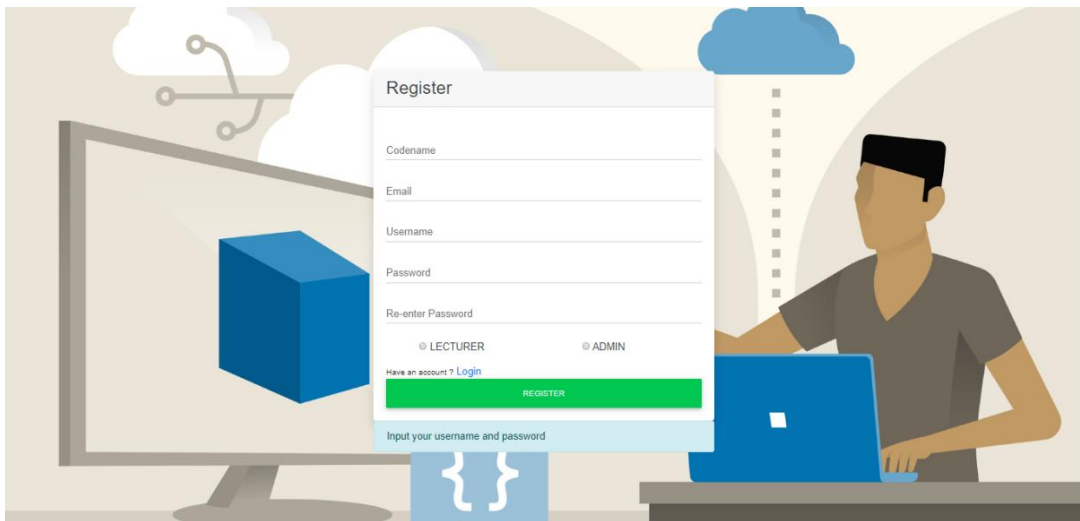
### C. Tutorial

## Lecturer Level User

### 1. Login With Registered Lecturer



2. Or you can register new account



3. After login you can see the home of lecturer level user

JURUSAN TEKNOLOGI INFORMASI  
POLITEKNIK NEGERI MALANG

Subjects List Research Group

Dashboard / Profile /

Imam Fahrur Rozi, ST., MT.

150 x 150

Upload a different photo

CHOOSE FILE

Codename IFR NIP 198406102008121004

Status You are a **PNS** NIDN 10068402

Position Year

Lecturer in Information Technology Division 2019

CHANGE PASSWORD

You can see the personal information about the lecturer, edit the personal information.

4. You can can change your password

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Subjects List Research Group

Dashboard / Change password /

BACK TO PROFILE

Password IFR

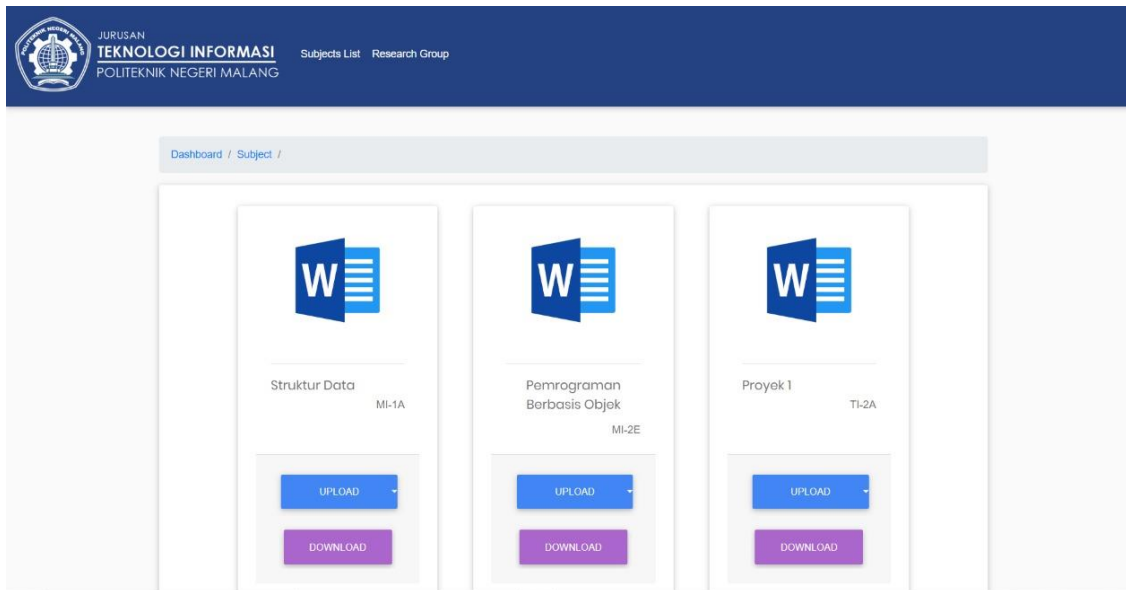
Set new password

Re-type new password

SAVE CHANGES RESET

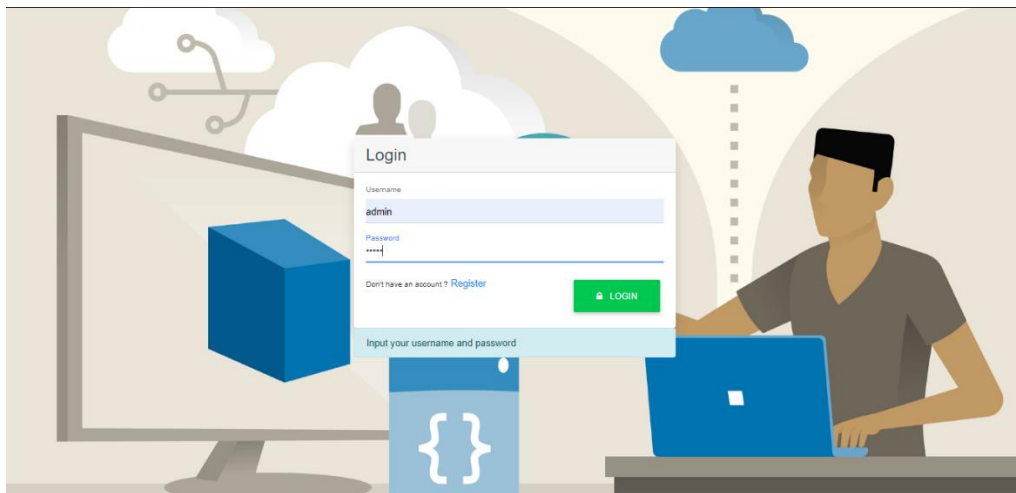
And save the changes to save the changes or reset to reset password.

5. Subject list



## Admin Level User

### 1. Login With Admin



### 2. This is the admin home

JTI

- Research Groups
- Classes
- Subjects
- Lecturers
- Logout

### Data Research Group

Show 10 entries

Search:

rs_id	research
0	None
1	SI
2	CERDAS
3	JARINGAN
4	MULTIMEDIA
5	VISION

Showing 1 to 6 of 6 entries

Previous 1 Next

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EXPORT

+

CREATE

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UPDATE

🗑

DELETE

3. You can click classes for class table

Research Groups

Classes

Subjects

Lecturers

Logout

### Data Classes

Show 10 entries

Search:

cl_id	cl_major	cl_level	cl_name
0	-	0	-
01	Ti	1	A
02	Ti	1	B
03	Ti	1	C
04	Ti	1	D
05	Ti	1	E
06	Ti	1	F
07	Ti	1	G
08	Ti	1	H
09	Mi	1	A

Showing 1 to 10 of 52 entries

Previous 1 2 3 4 5 6 Next

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DELETE

4. You can click the lecturer to show dropdown lecturer information  
RPS & SAP

JTI

Research Groups

Classes

Subjects

Lecturers

Logout

Data Subjects RPS SAP

Show 10 entries

Search:

subject_code	RPS	SAP
RF175004	RPS_RF175004_KeamananJarkom	
RF175005	RPS_RF175005_ProposalLaporanAkhir	SAP_RF175005_LaporanAkhir
RF183001	RPS_RF183001_DesainAntarmuka	
RF183006	RPS_RF183006_Jarkom	
RF183007	RPS_RF183007_PrakJarkom	
RF183008	RPS_RF183008_PBO	SAP_RF183008_PBO
RF183009	RPS_RF183009_PrakPBO	SAP_RF183009_PrakPBO
RF1910010	RPS_RF1910010_PrakDasPro	
RF191004	RPS_RF191004_Aplikom	
RF191005	RPS_RF191005_BING	SAP_RF191005_BING

Showing 1 to 10 of 26 entries

Previous 1 2 3 Next

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DELETE

Please upload the file with format as follows:

RPS\_kode mk\_

nama matkul

OR

SAP\_kode mk\_

nama matkul

## Subject Details

JTI

Research Groups

Classes

Subjects

RPS & SAP

Subject Details

Lecture Contract

Lecturers

Logout

Data Subjects

Show 10 entries

Search:

subject_code	subject	credit_hour	t/p	semester	level	major	year
RF175001	Sistem Terdistribusi	3	P	5	3	D3	2017
RF175002	Proyek 2	4	P	5	3	D3	2017
RF175003	Kecerdasan Buatan	2	P	5	3	D3	2017
RF175004	Keamanan Sistem Dan Jaringan Komputer	3	P	5	3	D3	2017
RF175005	Proposal Laporan Akhir	2	P	5	3	D3	2017
RF175006	Pennrograman Jaringan	3	P	5	3	D3	2017
RF170001	Digital Entrepreneurship	2	T	6	3	D3	2017
RF170002	Bahasa Inggris Persiapan Kerja	2	T	6	3	D3	2017
RF170003	Etika Profesi Bidang TI	2	T	6	3	D3	2017
RF170004	Praktek Kerja Lapangan	3	P	6	3	D3	2017

Showing 1 to 10 of 108 entries

Previous 1 2 3 4 5 - 11 Next

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EXPORT

+

CREATE

↺

UPDATE

🗑

DELETE

## Lecturer Contract

**JTI**

- Research Groups
- Classes
- Subjects
- Lecturers
- Logout

### Data Lecture Contract

Show  entries

subject_code	contract_file	uploaded_by
RIFB3002	Kontrak_RIFB3002_BING2	Admin
RIFB1005	Kontrak_RIFB1005_BING	Admin
RTI175003	Kontrak_RT175003_MobileProgrammi	IFR
RTI182003	Kontrak_RT182003_BING2	Admin
RTI184001	Kontrak_RT184001_Sisteminformasi	Admin
RTI184006	Kontrak_RT184006_WebLanjut	Admin
RTI191005	Kontrak_RT191005_BING	Admin

Showing 1 to 7 of 7 entries

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Please upload the file with format as follows:

Kontrak\_kode mk\_ nama matkul

No file chosen

5. You can click subject for the subject table

**JTI**

- Research Groups
- Classes
- Subjects
- Lecturers
- Logout

### Data Subjects

Show  entries

subject_code	subject	credit_hour	T/P	semester	level	major	year
RIFT5001	Sistem Terdistribusi	3	P	5	3	D3	2017
RIFT5002	Proyek 2	4	P	5	3	D3	2017
RIFT5003	Kecerdasan Buatan	2	P	5	3	D3	2017
RIFT5004	Kepemahaman Sistem Dan Jaringan Komputer	3	P	5	3	D3	2017
RIFT5005	Proposal Laporan Akhir	2	P	5	3	D3	2017
RIFT5006	Pemrograman Jaringan	3	P	5	3	D3	2017
RIFT5001	Digital Entrepreneurship	2	T	6	3	D3	2017
RIFT5002	Bahasa Inggris Persiapan Kerja	2	T	6	3	D3	2017
RIFT5003	Etika Profesi Bidang TI	2	T	6	3	D3	2017
RIFT5004	Praktek Kerja Lapangan	3	P	6	3	D3	2017

Showing 1 to 10 of 106 entries

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6. You can click the lecturer to show dropdown lecturer information Status



JTI

Research Groups

Classes

Subjects

Lecturers

Status

Fields

Position

DPA

Research

Hour Dist.

Logout

Data Status Lecturer

Showing 1 to 10 of 108 entries

code

name

status

phone\_num

AB	Ahmad Bahaudin	MKU	
ACH	Abdul Chalim SAg, MPdI	MKU	
ADE	Ade Ismail	CPNS / Magang	
AFN	Ane Fany Novitasari	MKU	
ANP	Agung Nugroho Pramudhita, ST, MT.	CPNS/kontrol	
ANR	Anugrah Nur Rahmanto, S.Sn, MDis	CPNS/kontrol	
APK	Anissa Puspita Kirana, MKom	CPNS/kontrol	
ARI	Ariyanti, SH,MH	LB	
ASP	Arief Prasetyo, SKom, MKom.	PNS	

Showing 1 to 10 of 108 entries

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EXPORT

CREATE

UPDATE

DELETE

## Fields

JTI

Research Groups

Classes

Subjects

Lecturers

Logout

Data Field Lecturer

Showing 1 to 10 of 108 entries

code

name

field\_of\_study

AB	Ahmad Bahaudin	MKU
ACH	Abdul Chalim SAg, MPH	
ADE	Ade Ismail	
AFN	Ane Fany Novitasari	MKU
ANP	Agung Nugroho Pramudhita, ST, MT.	Ti
ANR	Anugrah Nur Rahmanto, S.Sn, MDis	Ti
APK	Anissa Puspita Kirana, MKom	Ti
ARI	Ariyanti, SH,MH	MP
ASP	Arief Prasetyo, SKom, MKom.	Ti

Showing 1 to 10 of 108 entries

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EXPORT

CREATE

UPDATE

DELETE

## Position

JTI

Research Groups

Classes

Subjects

Lecturers

Logout

Data Position Lecturer

Showing 1 to 10 of 20 entries

code

name

position

year

semester

ARP	Arief Prasetyo, SKom, MKom.	Kolab. Sistem Komputer dan Jaringan	2019	Odd
ATQ	Atiqah Nurul Aini, SPd, MPd.	KaPaklar. MK. MKU, Wajib, dan Penunjang D4	2019	Odd
DWI	Dwi Puspitasari, SKom, MKom.	KaPaklar. MK. Keahlian D4	2019	Odd
DWW	Dimas Wahyuni Wibawa, ST, MT.	Ka. Lab. Image dan Graphics	2019	Odd
ELA	Eka Larasati Amalia, SST, MT.	KaPaklar. MK. Inis D3	2019	Odd
ERF	Erfan Rahadi, ST, MEng, PhD.	Ka. Lab. Sistem Informasi	2019	Odd
GBP	Gunawan Budi Prasetyo, ST, MMT, PhD.	Ka. Lab. Sistem Cerdas	2019	Odd
HUT	Budi Harjanto, ST, MMKom.	Ka. Lab. Informatika Dasar	2019	Odd
IDW	Indra Dharma Wijaya, ST, MMT.	Ka. Lab. Basisdata	2019	Odd
KPA	Deddy Kusibanto PA, Ir, MMKom.	Ka. Lab. Project	2019	Odd

Showing 1 to 10 of 20 entries

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EXPORT

CREATE

UPDATE

DELETE

DPA

JTI

Research Groups

Classes

Subjects

Lecturers

Logout

Data DPA Lecturer

Show 10 entries

Search:

code	name	class_name	year
ANP	Agung Nugroho Pramudhita, S.T, M.T.	MP-F	2018
ANP	Agung Nugroho Pramudhita, S.T, M.T.	MP-2F	2019
ANR	Anugrah Nur Rahmanto, S.Sn, MDs	Ti-2A	2018
ANR	Anugrah Nur Rahmanto, S.Sn, MDs	Ti-3A	2019
ARP	Arief Prasetyo, S.Kom, MKom	Ti-IF	2019
ARP	Arief Prasetyo, S.Kom, MKom	Ti-4F	2018
ARS	Arie Rachmad Syulistyio, S.Kom, MKom	Ti-IB	2018
ARS	Arie Rachmad Syulistyio, S.Kom, MKom	Ti-2B	2019
ATF	Annisia Taufika Firdausi, ST, MT.	MI-1C	2018
ATF	Annisia Taufika Firdausi, ST, MT.	Ti-2C	2019

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CSV TEMPLATE

EXPORT

CREATE

UPDATE

DELETE

Research

JTI

Research Groups

Classes

Subjects

Lecturers

Logout

Data Research Group Lecturer

Show 10 entries

Search:

code	name	research	priority
ANP	Agung Nugroho Pramudhita, S.T, M.T.	CERDAS	Primary
ANP	Agung Nugroho Pramudhita, S.T, M.T.	SI	Secondary
ANR	Anugrah Nur Rahmanto, S.Sn, MDs	MULTIMEDIA	Primary
ANR	Anugrah Nur Rahmanto, S.Sn, MDs	SI	Secondary
APK	Annisia Pujoa Kirana, MKom	SI	Primary
APK	Annisia Pujoa Kirana, MKom	CERDAS	Secondary
ARP	Arief Prasetyo, S.Kom, MKom	JARINGAN	Primary
ARP	Arief Prasetyo, S.Kom, MKom	MULTIMEDIA	Secondary
ARS	Arie Rachmad Syulistyio, S.Kom, MKom	CERDAS	Primary
ATF	Annisia Taufika Firdausi, ST, MT.	CERDAS	Primary

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CSV TEMPLATE

EXPORT

CREATE

UPDATE

DELETE

Hour Dist



9. You can change the number of row table

JTI

Research Groups

Classes

Subjects

Lecturers

Logout

Data Subjects

Show 10 entries

Search:

subject_code	subject	credit_hour	T/P	semester	level	major	year
RIF75001	Sistem Terdistribusi	3	P	5	3	D3	2017
RIF75002	Proyek 2	4	P	5	3	D3	2017
RIF75003	Kecerdasan Buatan	2	P	5	3	D3	2017
RIF75004	Kecamatan Sistem Dan Jaringan Komputer	3	P	5	3	D3	2017
RIF75005	Proposal Laporan Akhir	2	P	5	3	D3	2017
RIF75006	Pemrograman Jaringan	3	P	5	3	D3	2017
RIF76001	Digital Entrepreneurship	2	T	6	3	D3	2017
RIF76002	Bahasa Inggris Persiapan Kerja	2	T	6	3	D3	2017
RIF76003	Etika Profesi Bidang TI	2	T	6	3	D3	2017
RIF76004	Praktek Kerja Lapangan	3	P	0	3	D3	2017

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UPLOAD FILE

Get Excel Data

Get template of CSV or Export the whole data

CSV TEMPLATE

EXPORT

+

CREATE

↺

UPDATE

🗑

DELETE

10. You can click logout to logout

JTI

Research Groups

Classes

Subjects

Lecturers

Logout

Data Subjects

Show 10 entries

Search:

subject_code	subject	credit_hour	T/P	semester	level	major	year
RIF75001	Sistem Terdistribusi	3	P	5	3	D3	2017
RIF75002	Proyek 2	4	P	5	3	D3	2017
RIF75003	Kecerdasan Buatan	2	P	5	3	D3	2017
RIF75004	Kecamatan Sistem Dan Jaringan Komputer	3	P	5	3	D3	2017
RIF75005	Proposal Laporan Akhir	2	P	5	3	D3	2017
RIF75006	Pemrograman Jaringan	3	P	5	3	D3	2017
RIF76001	Digital Entrepreneurship	2	T	6	3	D3	2017
RIF76002	Bahasa Inggris Persiapan Kerja	2	T	6	3	D3	2017
RIF76003	Etika Profesi Bidang TI	2	T	6	3	D3	2017
RIF76004	Praktek Kerja Lapangan	3	P	0	3	D3	2017

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Get Excel Data

Get template of CSV or Export the whole data

CSV TEMPLATE

EXPORT

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CREATE

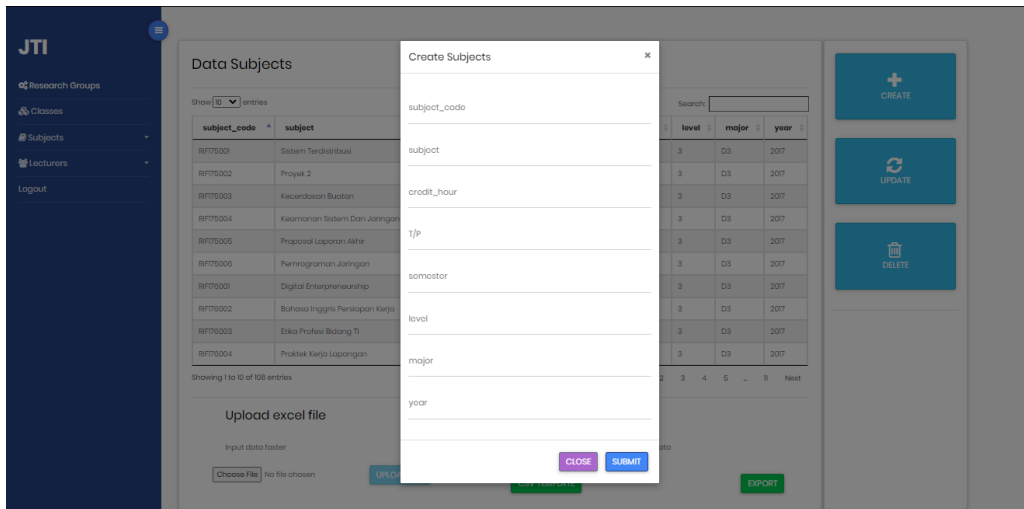
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UPDATE

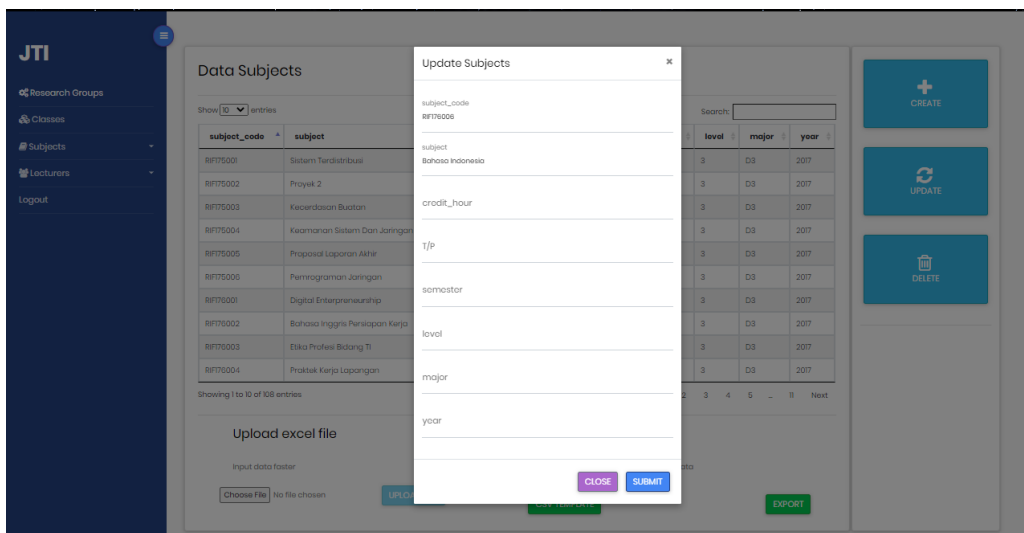
🗑

DELETE

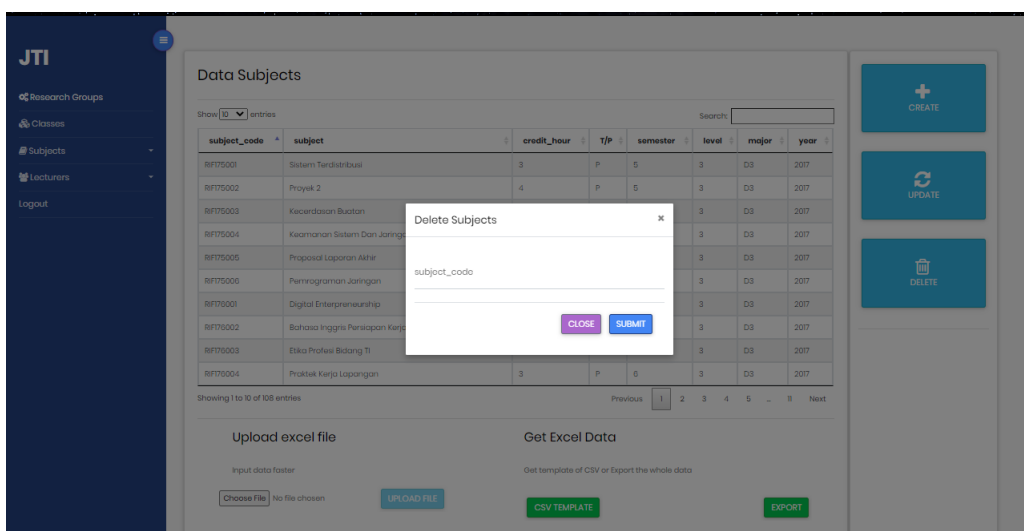
11. You can click create to create new data and fill the form



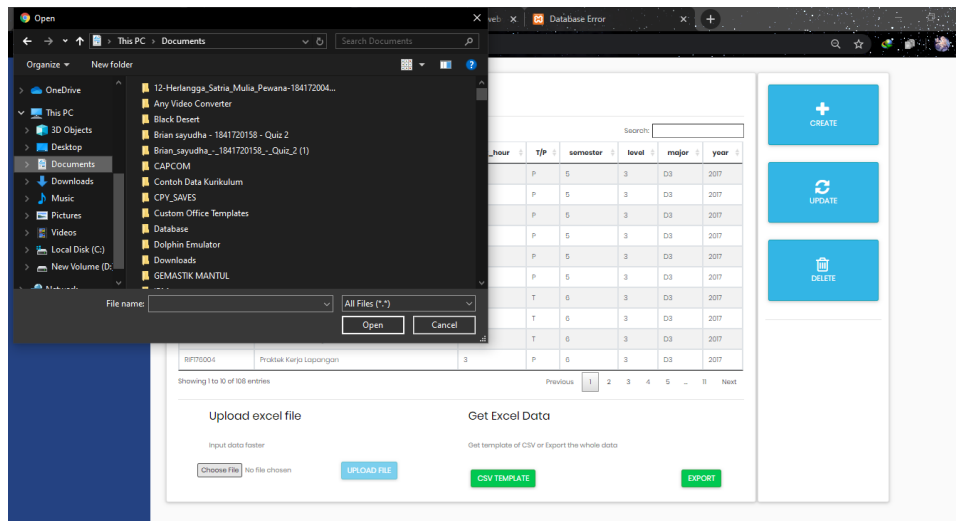
12. You can click update to update new data and fill the form



13. You can click delete and fill the form to delete entire data



#### 14. You can update the data via excel file



#### 15. You can download via Excel data or export

