



# BIG DATA

BIRO KOMINFO :  
AHMAD ADI SUCIPTO  
YOLANDA SUNDARI  
RAFIF ADITYA NAUFAL  
ALFATH SANDRA DEANOVA



# Apa itu Big Data ?



Big Data merupakan sebuah portal informasi yang berisikan data demografis, kemahasiswaan, dan pergerakan Mahasiswa Institut Teknologi PLN untuk mewujudkan BEM KBM IT-PLN yang terintegrasi pada pusat data yaitu Big Data. Big Data terintegrasi pada website <http://www.bemkbmitpln.com/> dan mobile BEM, sehingga pengguna dapat secara leluasa untuk mengakses Big Data tersebut, baik dari website maupun mobile phone.

# Manfaat

Keluarga Besar Mahasiswa (KBM) IT-PLN dapat dengan mudah mengakses informasi dari kampus dengan Big Data.





# Tujuan

Tujuan dari Big Data adalah untuk mempermudah akses informasi dari kampus dan mahasiswa sehingga semua data terarsip dan terkumpulan dalam satu wadah yaitu Big Data.

# Konsep

Dalam website <http://www.bemkbmitpln.com/> terdapat beberapa menu, yaitu :

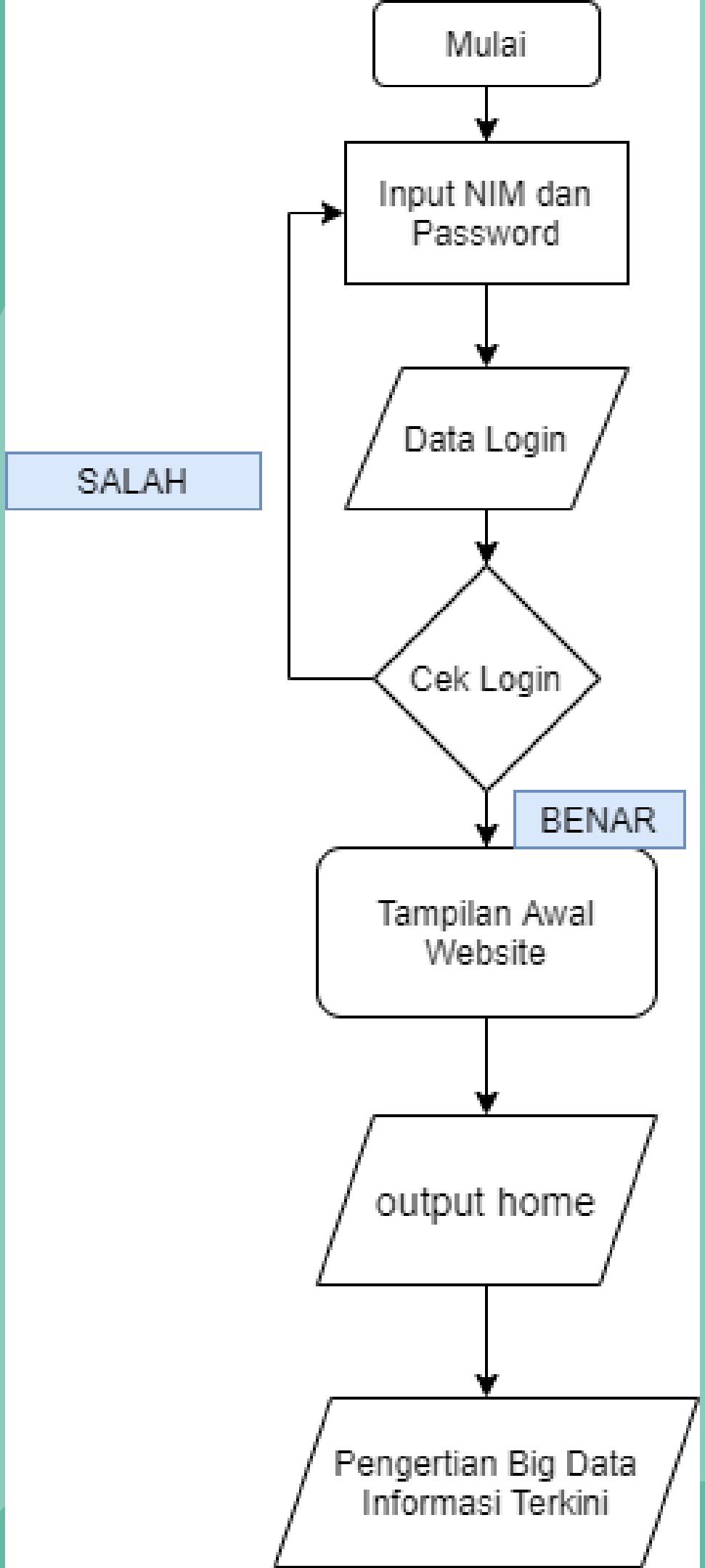
1. Menu Home
2. Menu About
3. Menu Big Data
4. Menu Bulettin
5. Menu Calendar
6. Menu Shop
7. Menu Find Us

Big Data dan Bulettin adalah keunggulan Kabinet Dedikasi Milenial. Big Data berisi arsip data dari berbagai kementerian dan biro. Bulettin berisi Kajian dan Infografis.



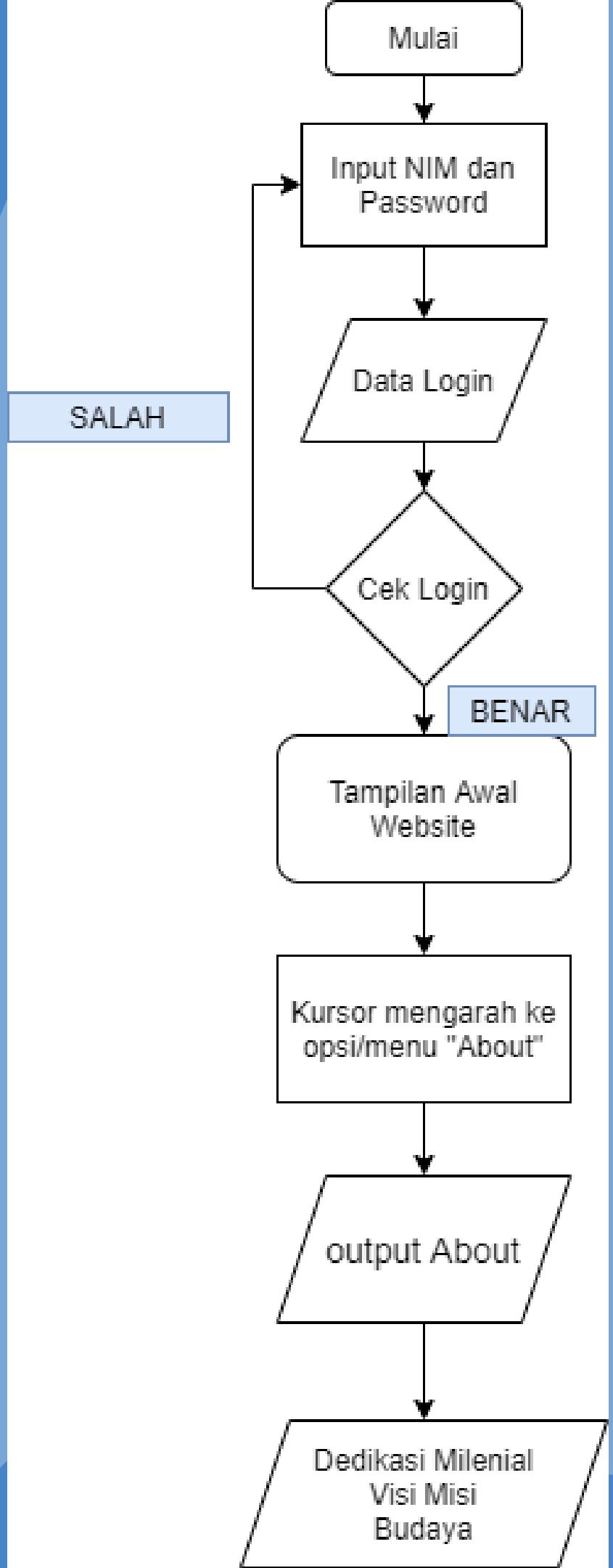
# FLOWCHART

## Menu Home



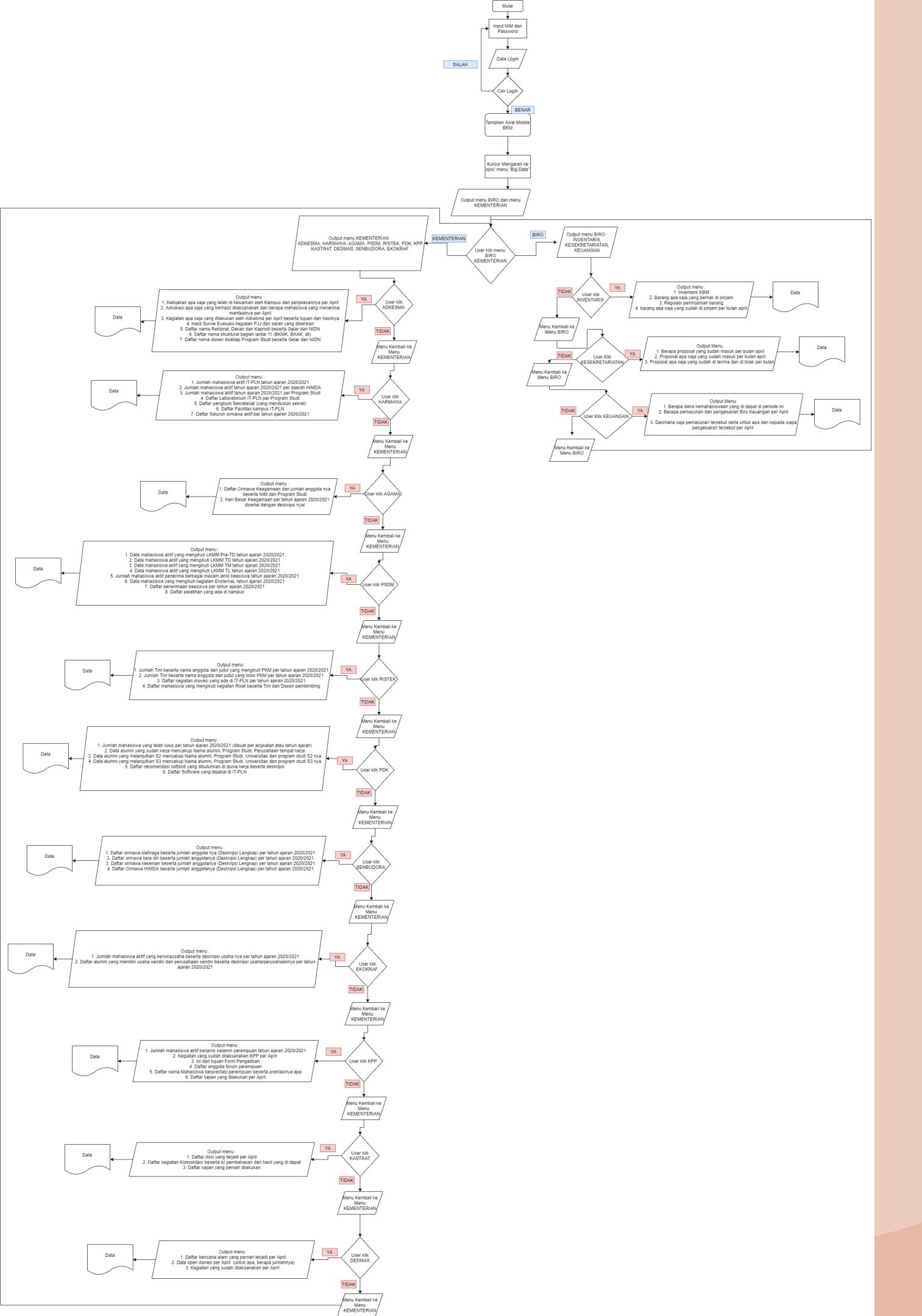
# FLOWCHART

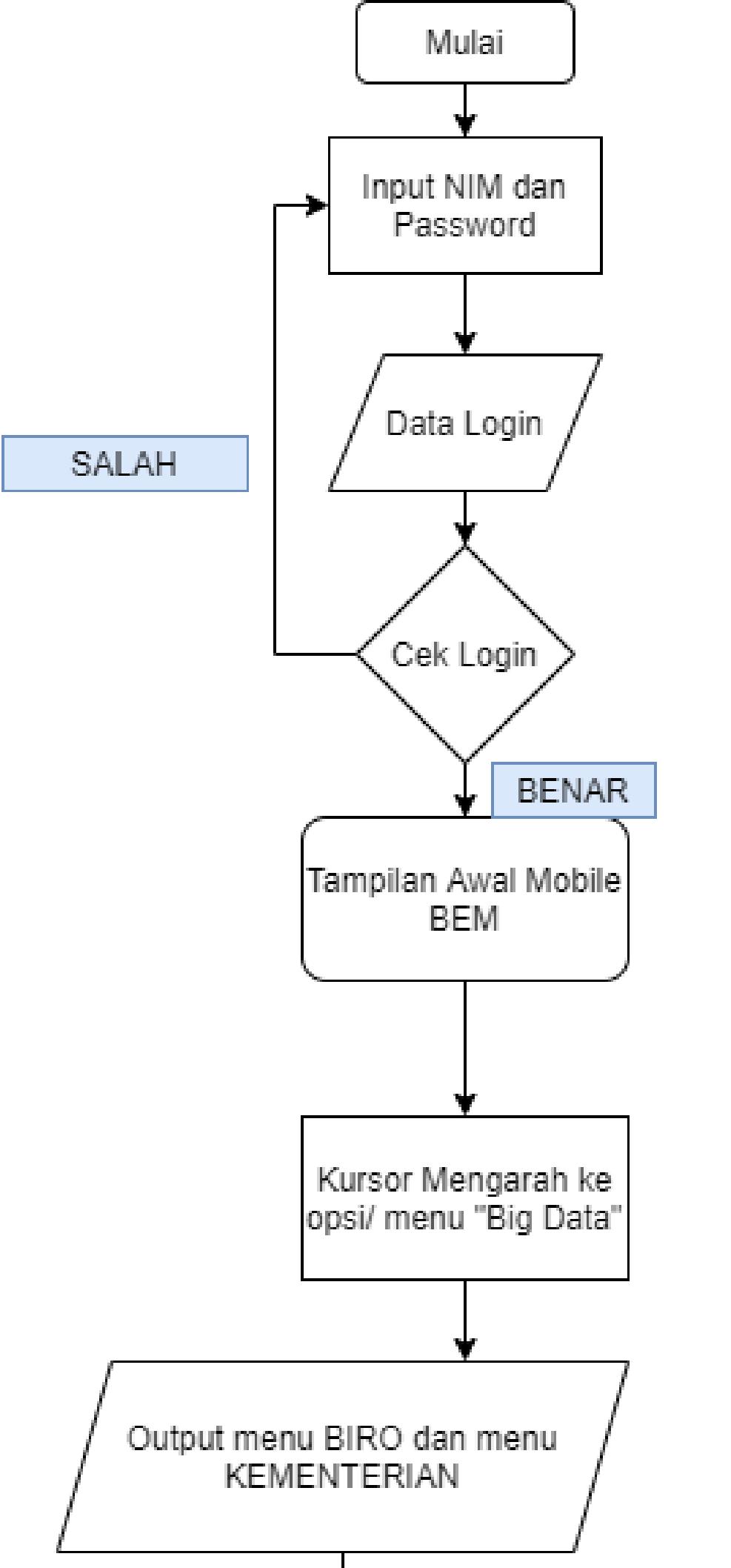
## Menu About

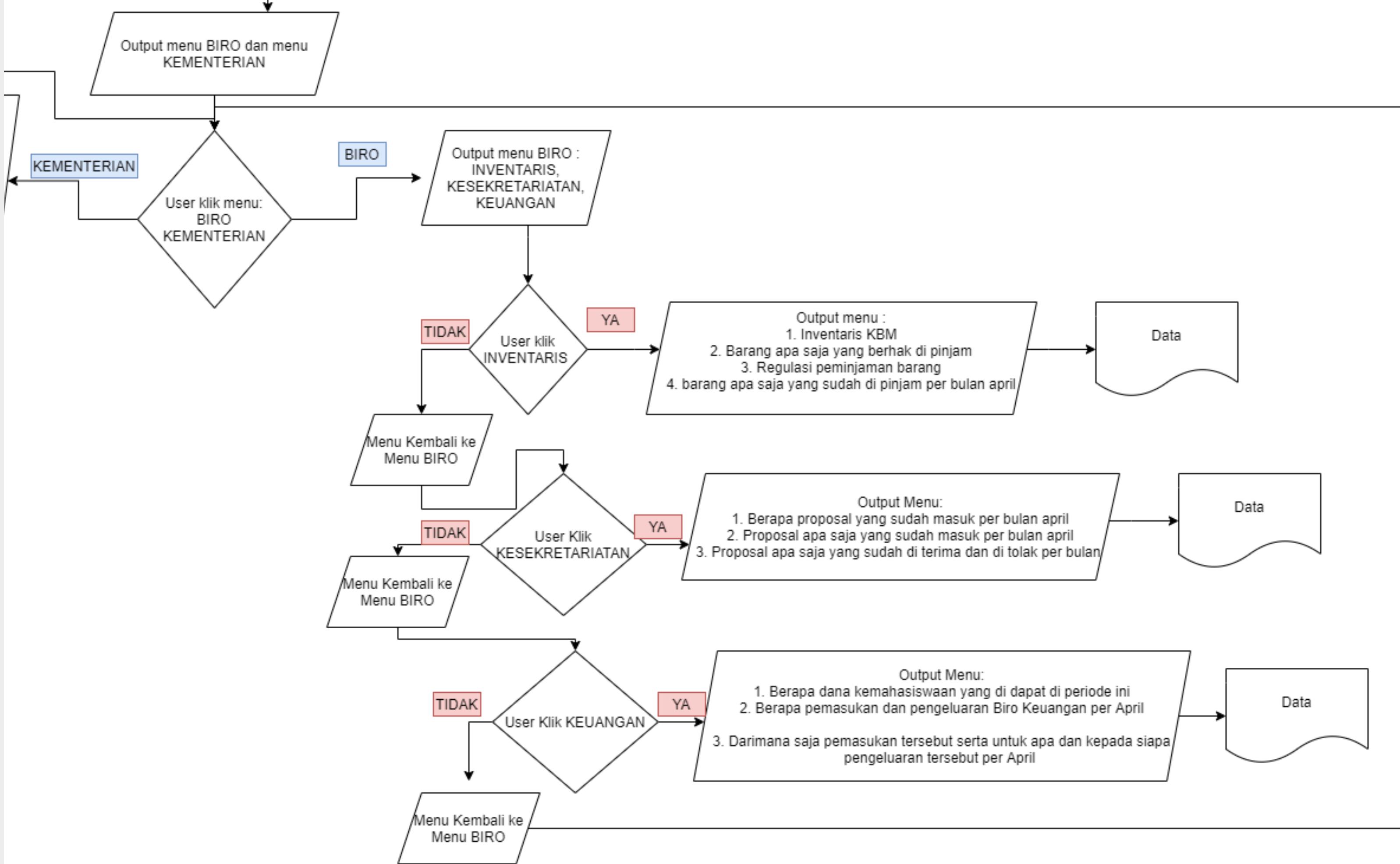


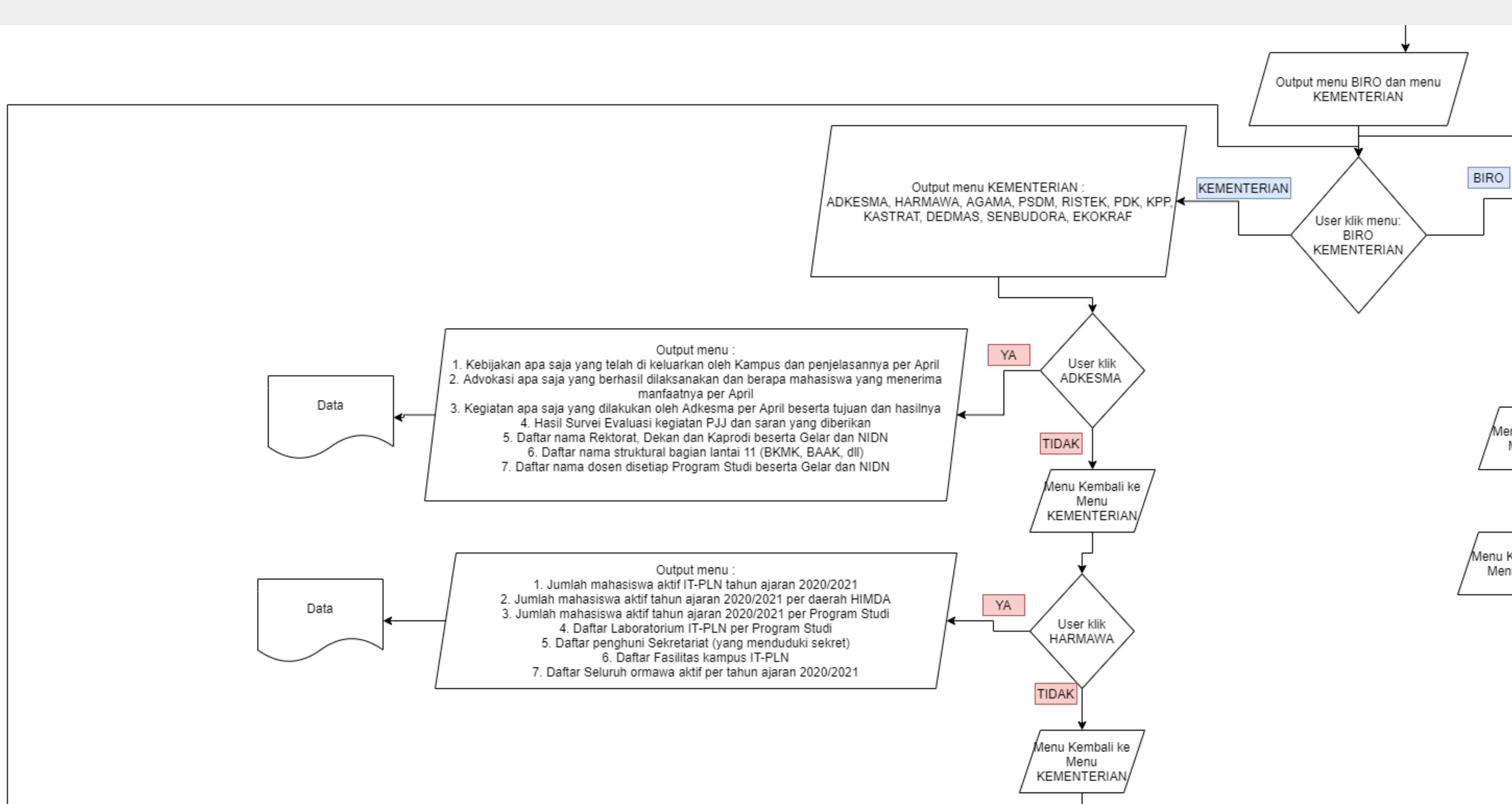
# FLOWCHART

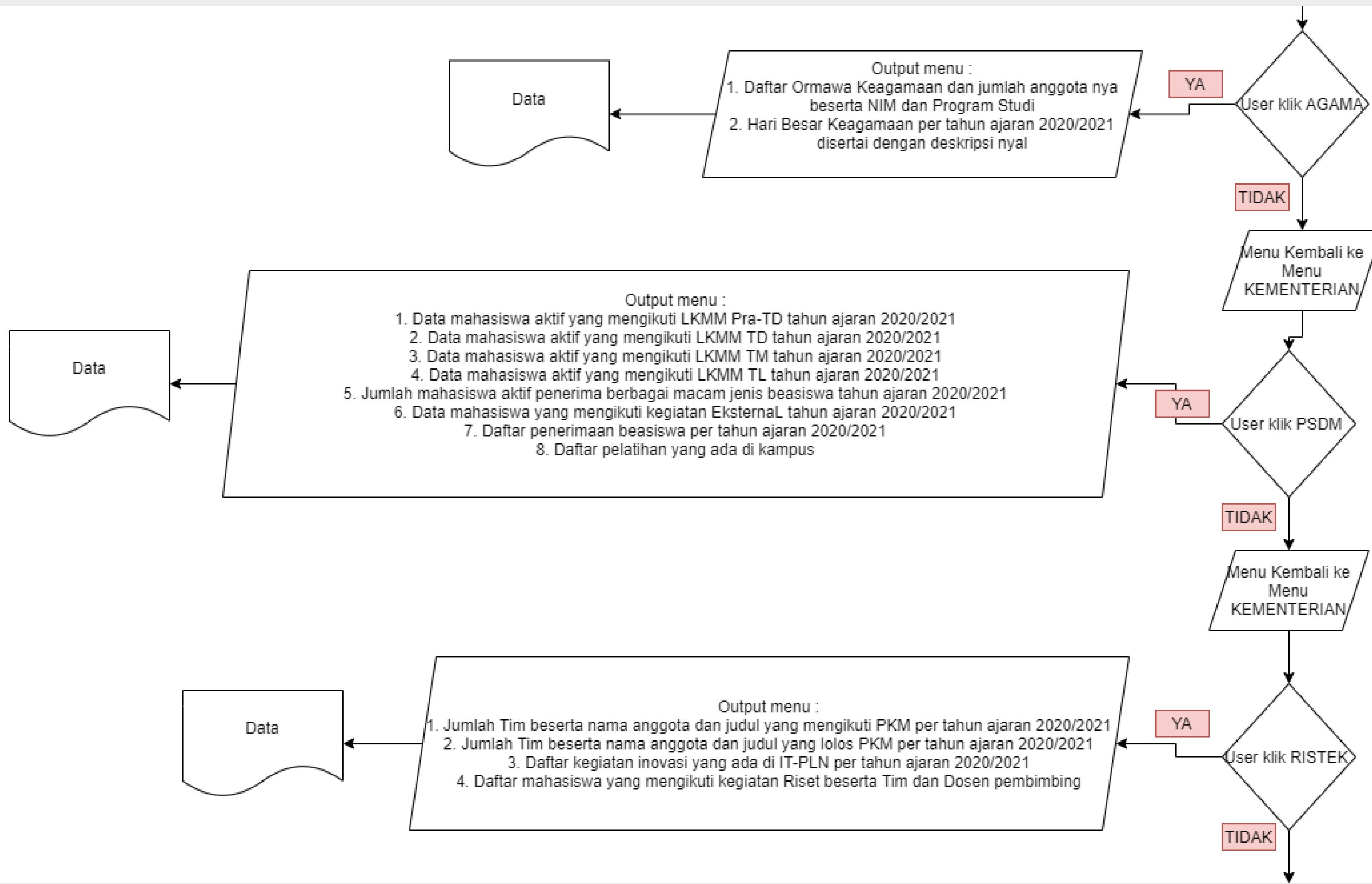
## Menu Big Data

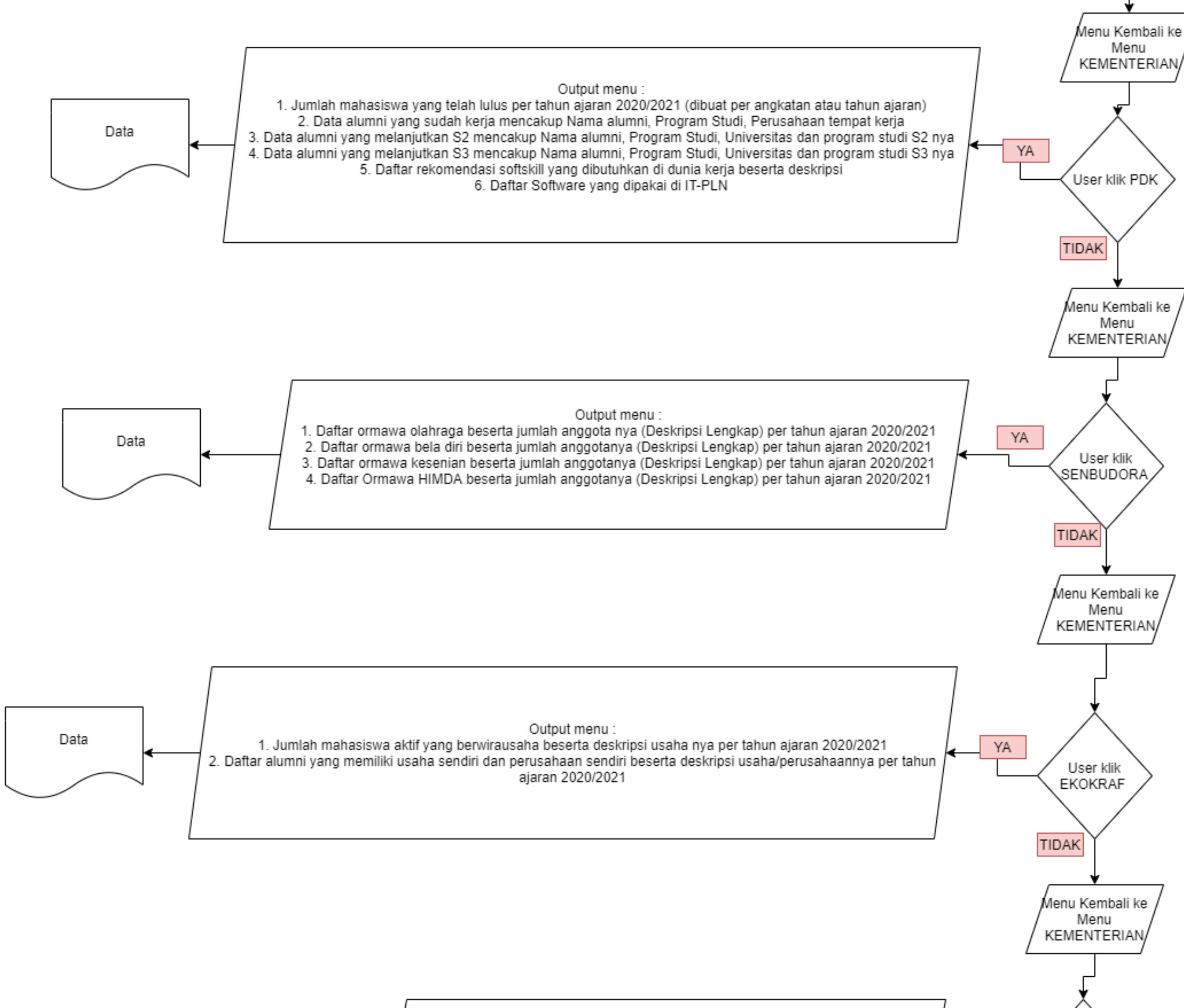


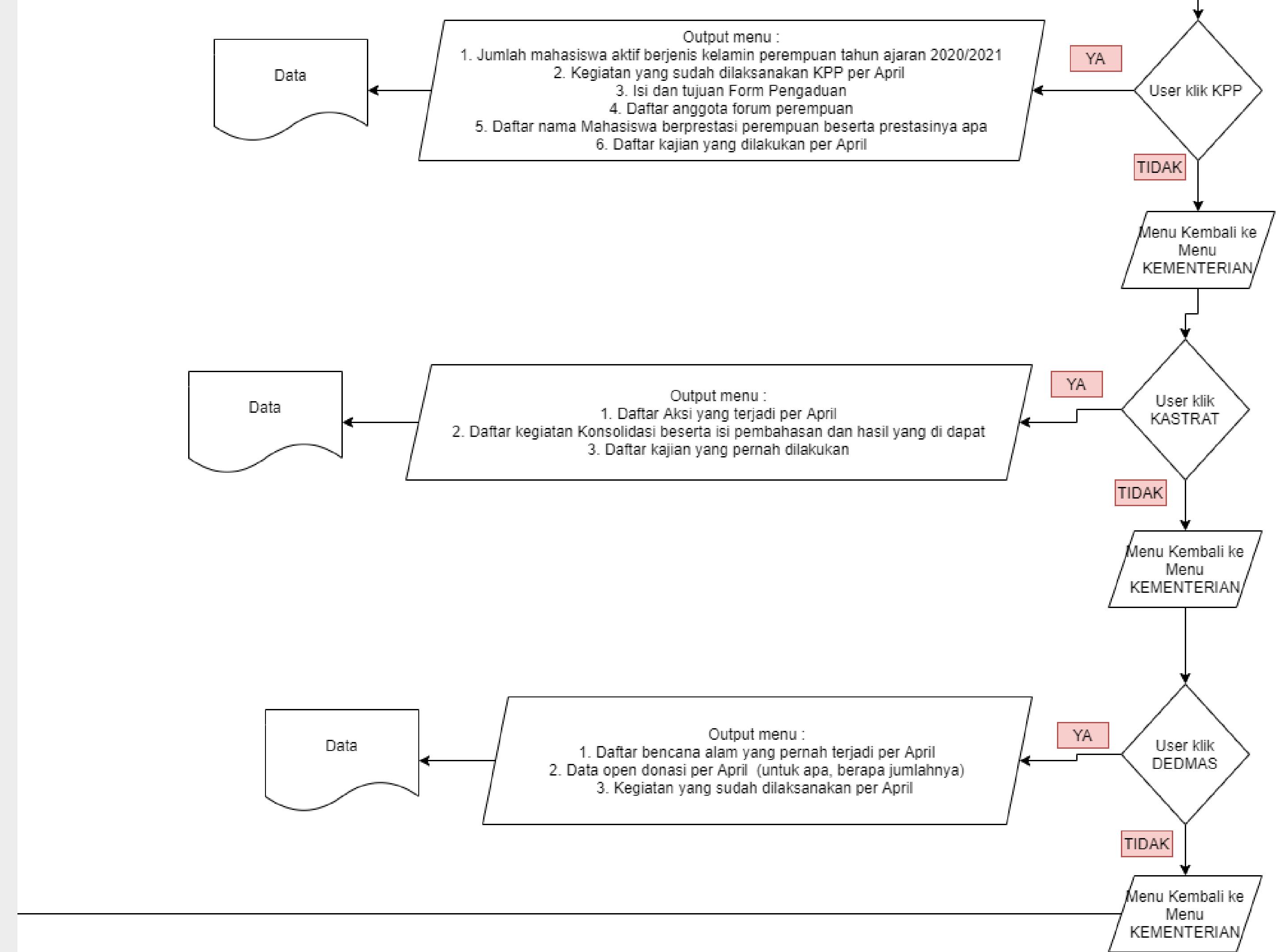




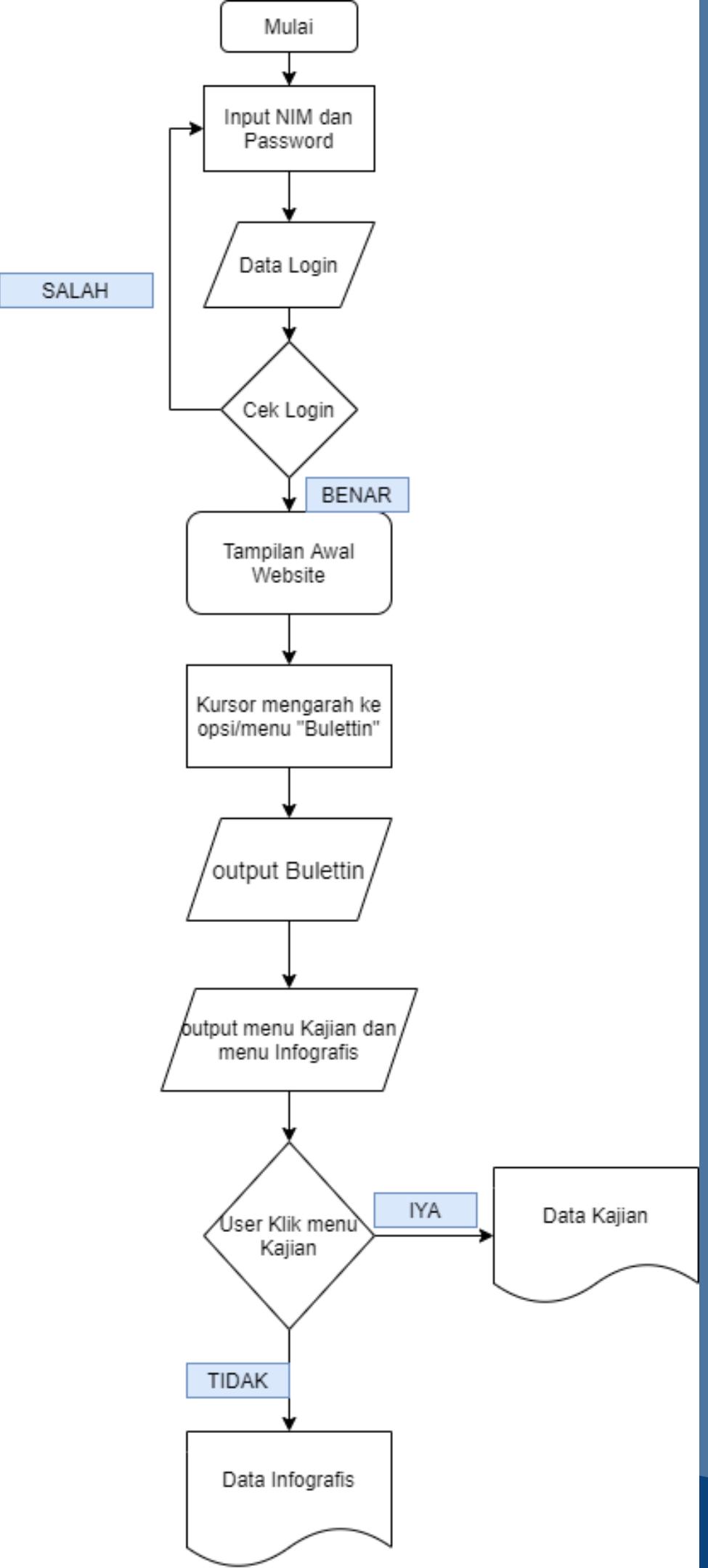






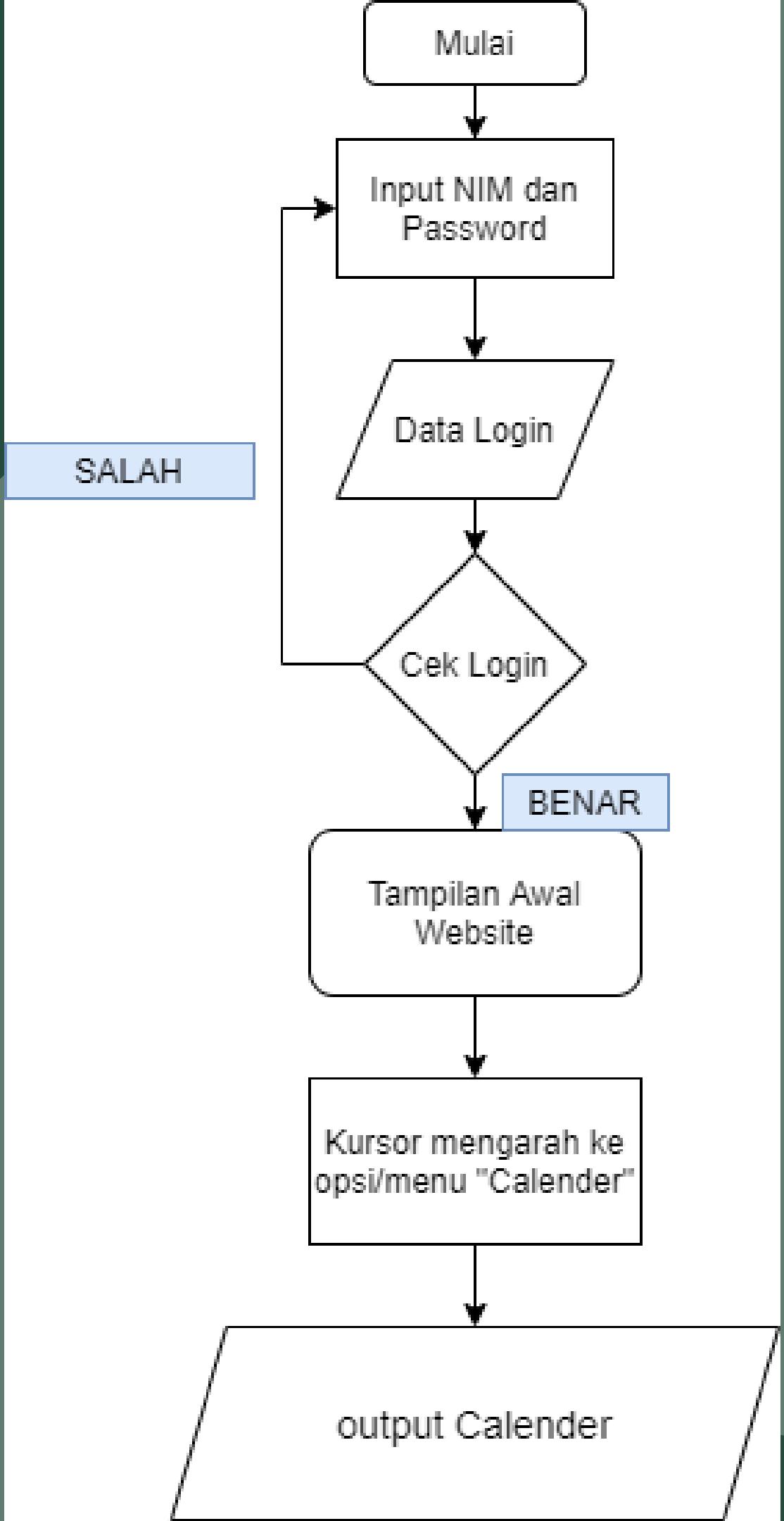


# FLOWCHART Menu Bulettin



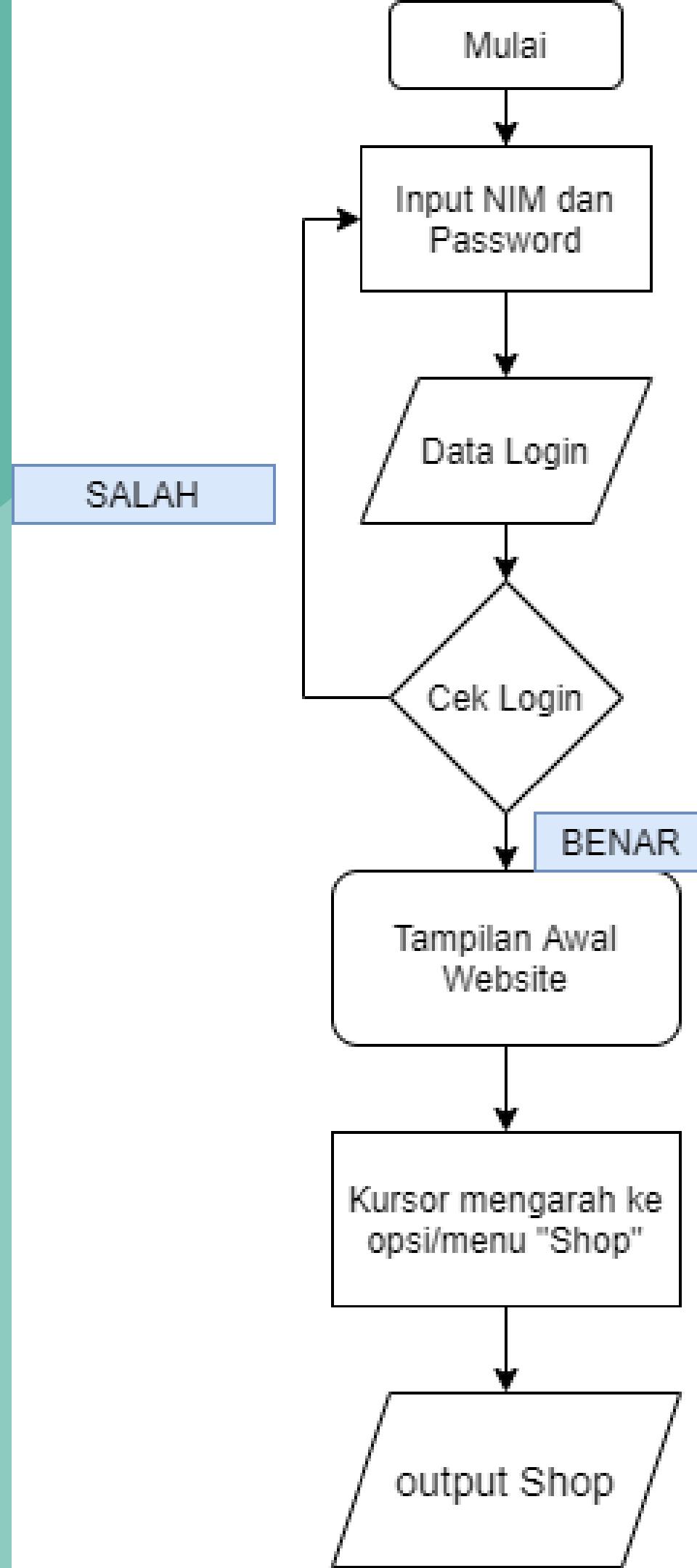
# FLOWCHART

# Menu Calendar



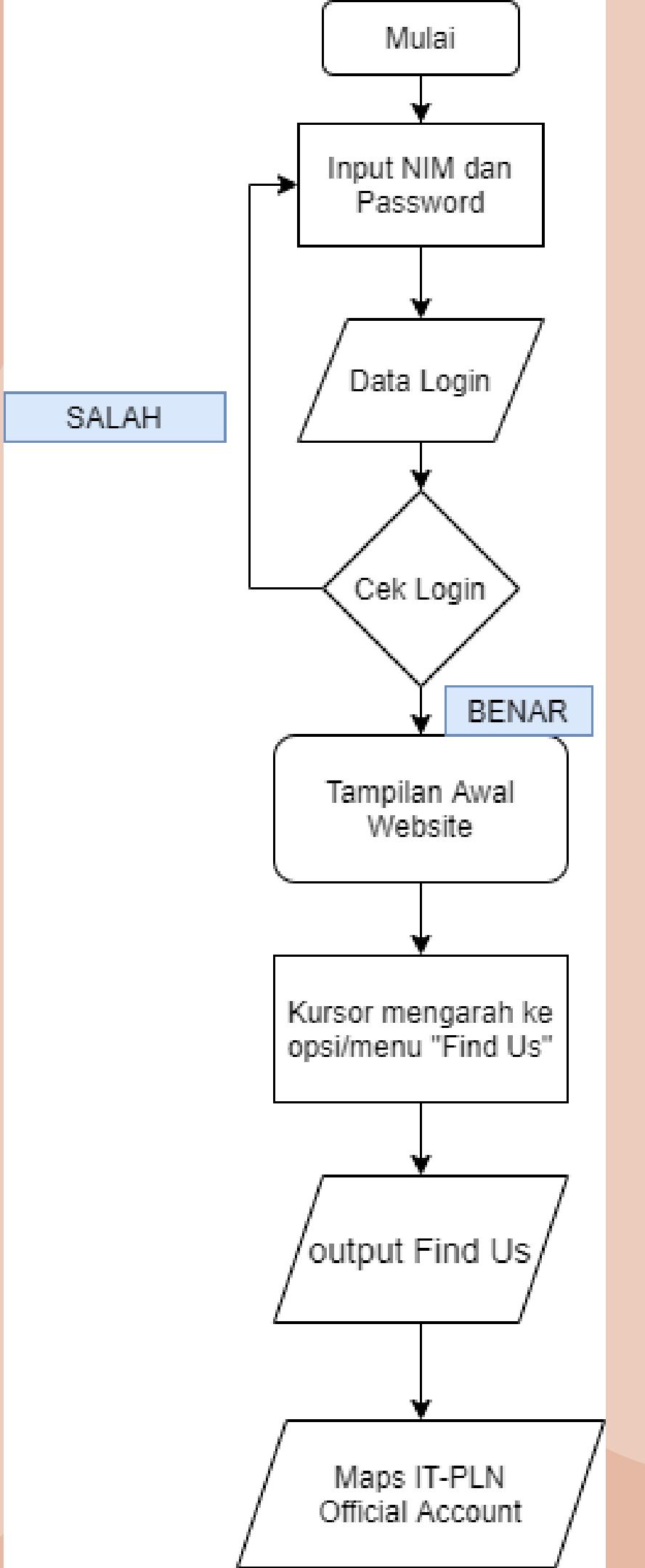
# FLOWCHART

## Menu Shop



# FLOWCHART

## Menu Find Us



The screenshot shows the homepage of the BEM KBM IT-PLN website. At the top, there is a navigation bar with links to HOME, ABOUT, BIG DATA, BULETTIN, CALENDER, SHOP, and FIND US. The main header features a large, stylized sign for "INSTITUT TEKNOLOGI PLN" in the background, with the text "WELCOME TO MOBILE BEM KBM ITPLN" overlaid in white and orange. Below this, a section titled "BIG DATA" is described as a portal for demographic data, student information, and campus activity management, integrated through Big Data. A callout box titled "INFORMASI TERKINI" contains a thumbnail for "BIRO INVENTARIS" and two other placeholder boxes. The footer includes social media links for YouTube, Instagram, and Twitter, along with the website URL <https://kbm.itpln.ac.id>, and the year 2021.

Official BEM IT - PLN <https://kbm.itpln.ac.id>

@tak5005y [@bemkbm\\_itpln](mailto:bemkbm@itpln.ac.id)

2021 BEM KBM INSTITUT TEKNOLOGI PLN

# DESIGN HOME

# MOCK UP HOME



The screenshot shows the homepage of the BEM KBM IT-PLN website. At the top, there is a navigation bar with links to HOME, ABOUT, BIG DATA, BULETTIN, CALENDER, SHOP, and FIND US. Below the navigation bar is a large banner featuring a building and the text "TENTANG DEDIKASI MILENIAL" in red, with a stylized orange and red flame logo. The main content area has a dark blue background. It features a section titled "DEDIKASI MILENIAL" with two columns of text: "Pengorbanan dan pengabdian tenaga-pikiran-waktu demi asa dan arsa bersama" and "Generasi yang melangkah kedepan dengan segenap rasa,ide,dan harapan untuk mengukir karya". Below this is a "VISI :" section with the text "“BEM KBM IT-PLN SEBAGAI INISIATOR DEDIKASI TERHADAP KBM IT-PLN”". The "MISI :" section contains four numbered items: 1. DEDIKASI PENGABDIAN, 2. DEDIKASI PENGEMBANGAN, 3. DEDIKASI PELAYANAN, and 4. DEDIKASI PERGERAKAN. At the bottom, there is a section titled "BUDAYA ORGANISASI" with four yellow boxes containing the "01. GOOD THINK", "02. GOOD WORDS", "03. GOOD ATTITUDE", and "04. GOOD WORKS" values. The footer includes social media links for Facebook, Instagram, and Twitter, along with the website URL <https://kbm.itpln.ac.id>. The footer also states "2021 BEM KBM INSTITUT TEKNOLOGI PLN".

# DESIGN ABOUT

# MOCK UP

# ABOUT



The screenshot shows the homepage of the BEM KBM IT-PLN website. At the top, there's a navigation bar with links to HOME, ABOUT, BIG DATA, BULLETIN, CALENDAR, SHOP, and FIND US. Below the navigation is a large banner featuring a building and the text "BIG DATA BEM KBM IT-PLN".

**TABEL BIG DATA IT - PLN**

Kategori	Total
Fakultas	
Program Studi	
Dosen	
Mahasiswa	
Himpunan Mahasiswa	
Unit Kegiatan Mahasiswa (UKM)	
Himpunan Daerah	

**BIGDATA ORGANISASI MAHASISWA**

Bigdata organisasi mahasiswa merupakan data tentang organisasi mahasiswa dilingkungan Institut Teknologi PLN yang di peroleh dari Biro Kominfo  
BEM KBM IT-PLN

[Bigdata BEM KBM ITPLN](#) [Bigdata UKM](#) [Bigdata Himpunan Mahasiswa](#) [Bigdata Himpunan Daerah](#)

**BIGDATA KEMENTERIAN BEM KBM IT-PLN**

Bigdata Kementerian merupakan data tentang kementerian yang ada di BEM KBM IT-PLN yang di peroleh dari Biro Kominfo.

[ADKESMA](#) [DEDMAS](#) [EKOKRAF](#) [HARMAWA](#)  
[KASTRAT](#) [AGAMA](#) [PSDM](#) [KPP](#)  
[P&K](#) [RINTEK](#) [SENBDORA](#)

**BIGDATA BIRO BEM KBM IT-PLN**

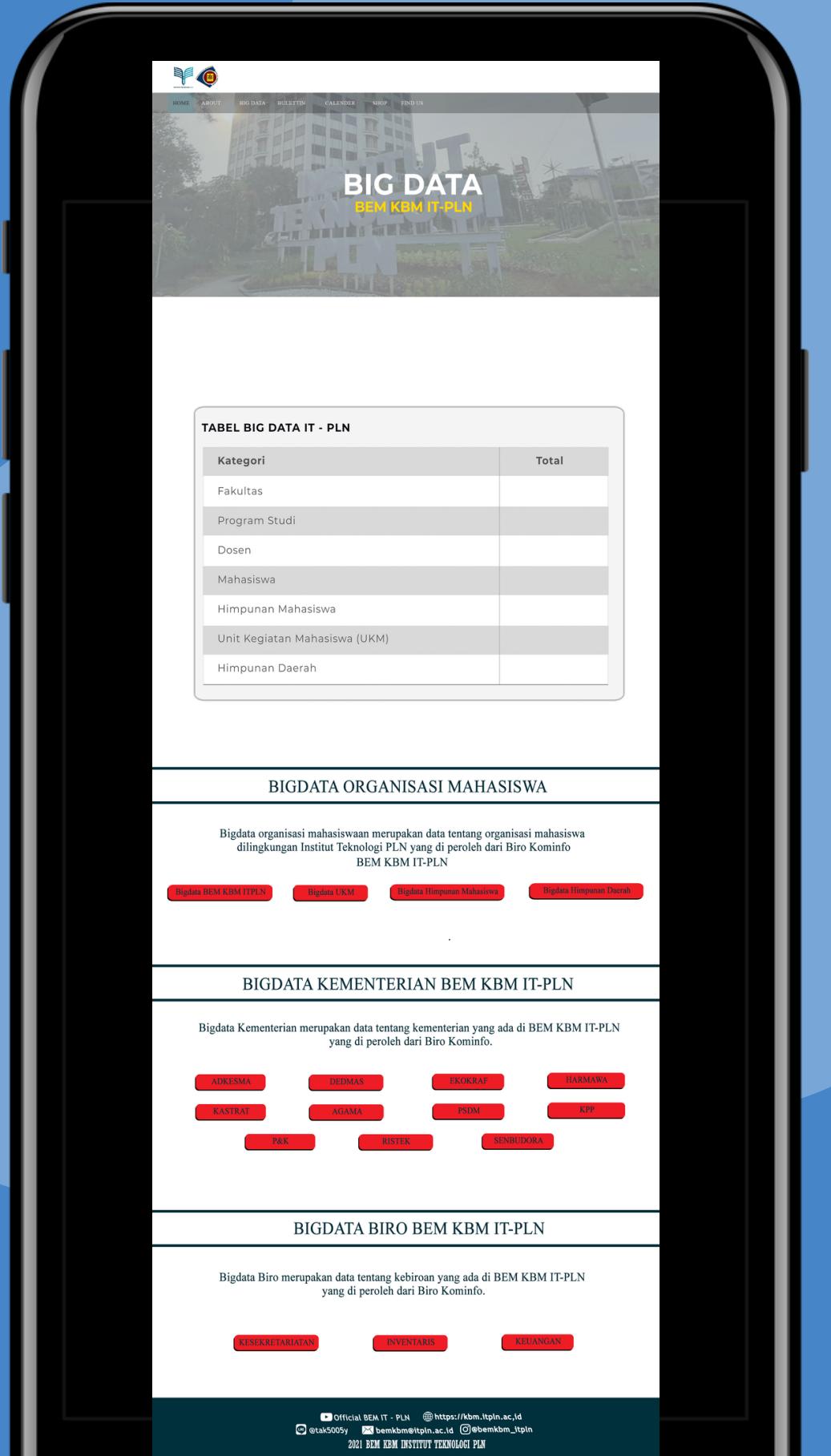
Bigdata Biro merupakan data tentang kebiroan yang ada di BEM KBM IT-PLN yang di peroleh dari Biro Kominfo.

[KESEKRETARIATAN](#) [INVENTARIS](#) [KEUANGAN](#)

Official BEM IT - PLN <https://kbm.itpln.ac.id>  
@tak5005y [@bemkbm\\_itpln](mailto:bemkbm@itpln.ac.id)

# DESIGN BIG DATA

# MOCK UP BIG DATA





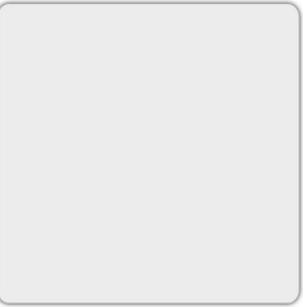
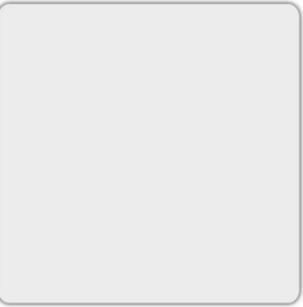
#### BULETTIN TERBARU

## KAJIAN KASTRAT

KAJIAN ENERGI TERBARUKAN

SELANJUTNYA

#### KAJIAN BEM KBM IT-PLN



1 2 3 ► Last

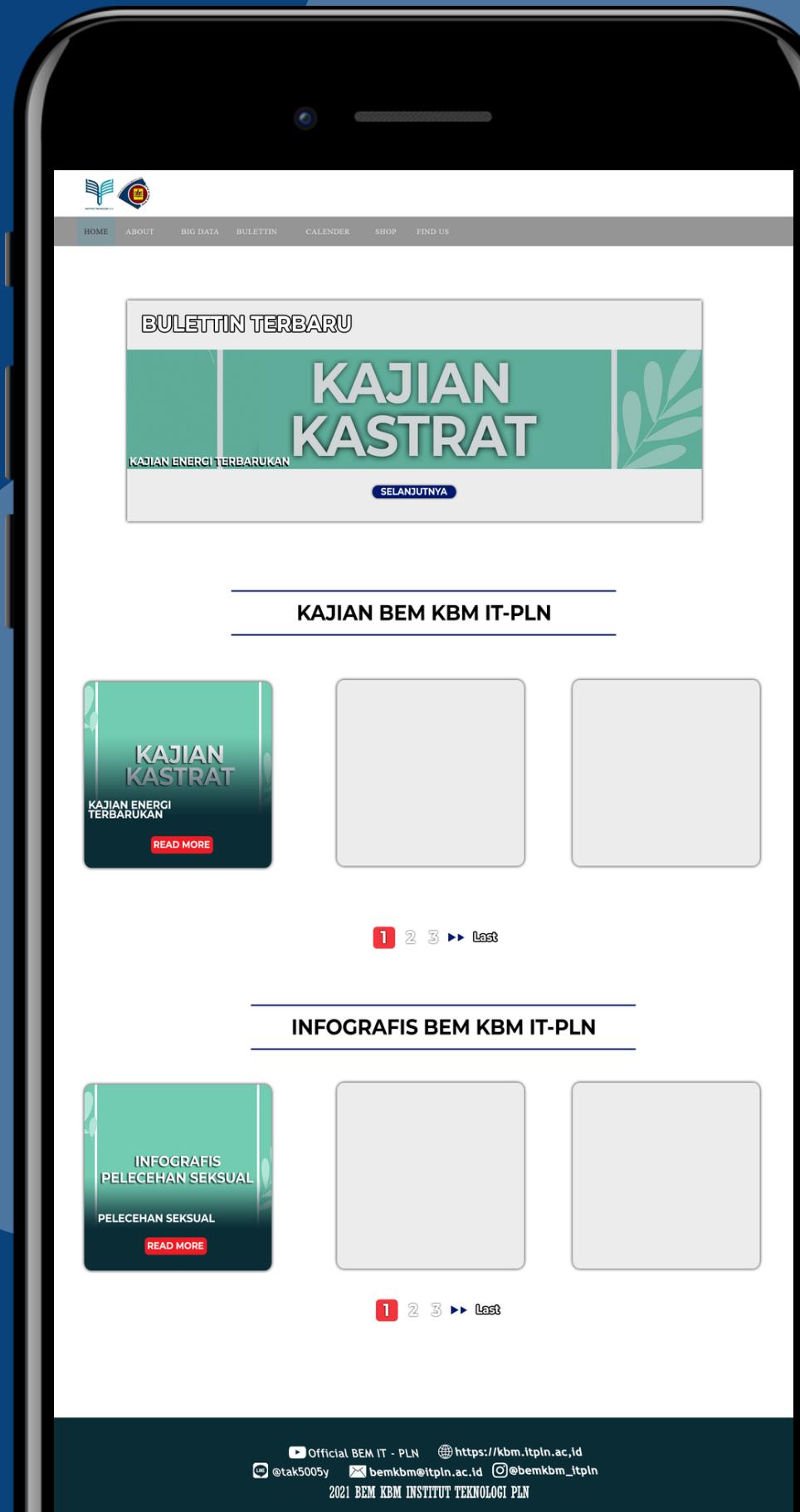
#### INFOGRAFIS BEM KBM IT-PLN



1 2 3 ► Last

# DESIGN BULETTIN

# MOCK UP BULETTIN





### KALENDER AKADEMIK

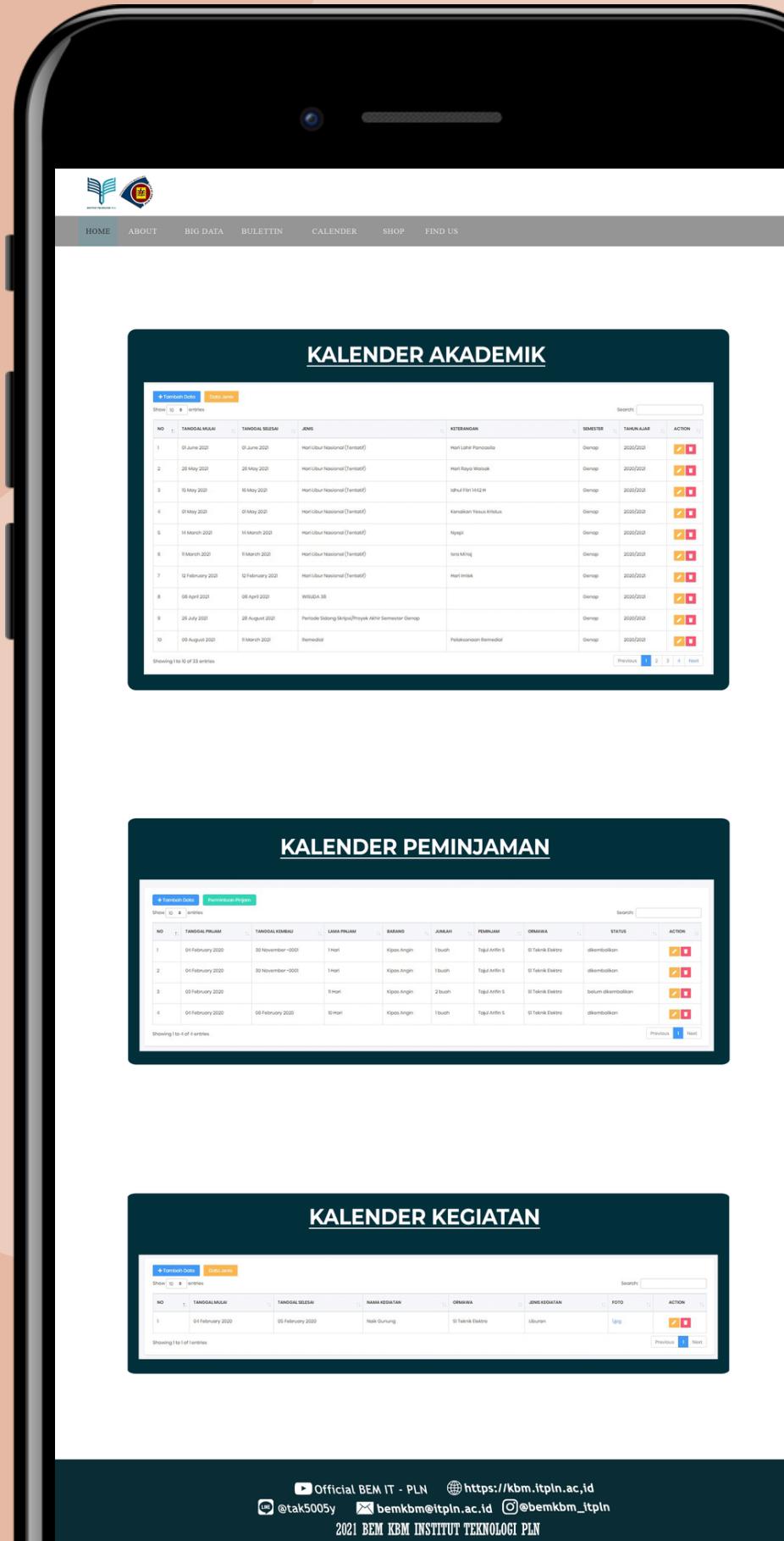
KALENDER AKADEMIK																	
+ Tambah Data		Data Jurnal															
Show: 10 8 entries																	
Search: <input type="text"/>																	
NO	TANGGAL MULAI	TANGGAL SELESAI	JENIS	KETERANGAN	SEMESTER	TAHUN AJAR	ACTION										
1	01 June 2021	01 June 2021	Hari Libur Nasional (Tentatif)	Hari Lahir Pancasila	Genap	2020/2021											
2	26 May 2021	26 May 2021	Hari Libur Nasional (Tentatif)	Hari Raya Waisak	Genap	2020/2021											
3	15 May 2021	15 May 2021	Hari Libur Nasional (Tentatif)	Ijazah Fitri 1442 H	Genap	2020/2021											
4	01 May 2021	01 May 2021	Hari Libur Nasional (Tentatif)	Kenaikan Yesus Kristus	Genap	2020/2021											
5	14 March 2021	14 March 2021	Hari Libur Nasional (Tentatif)	Nyepi	Genap	2020/2021											
6	11 March 2021	11 March 2021	Hari Libur Nasional (Tentatif)	Isra Mi'raj	Genap	2020/2021											
7	12 February 2021	12 February 2021	Hari Libur Nasional (Tentatif)	Hari Imlek	Genap	2020/2021											
8	08 April 2021	08 April 2021	WISUDA 38		Genap	2020/2021											
9	26 July 2021	28 August 2021	Periode Sidang Skripsi/Proyek Akhir Semester Genap		Genap	2020/2021											
10	09 August 2021	11 March 2021	Remedial	Pelaksanaan Remedial	Genap	2020/2021											

KALENDER PEMINJAMAN																	
+ Tambah Data		Peminjaman Anggota															
Show: 10 8 entries																	
Search: <input type="text"/>																	
NO	TANGGAL PINJAM	TANGGAL KEMBALI	LAMA PINJAM	BARANG	JUMLAH	PENJUMAM	ORMAWA	STATUS	ACTION								
1	04 February 2020	30 November -0001	11 Hari	Kipas Angin	1 buah	Tujuh Arifin S	SI Teknik Elektro	dikembalikan									
2	04 February 2020	30 November -0001	11 Hari	Kipas Angin	1 buah	Tujuh Arifin S	SI Teknik Elektro	dikembalikan									
3	03 February 2020		11 Hari	Kipas Angin	2 buah	Tujuh Arifin S	SI Teknik Elektro	belum dikembalikan									
4	04 February 2020	06 February 2020	10 Hari	Kipas Angin	1 buah	Tujuh Arifin S	SI Teknik Elektro	dikembalikan									

KALENDER KEGIATAN																	
+ Tambah Data		Data Jurnal															
Show: 10 8 entries																	
Search: <input type="text"/>																	
NO	TANGGAL MULAI	TANGGAL SELESAI	NAMA KEGIATAN	ORMAWA	JENIS KEGIATAN	FOTO	ACTION										
1	04 February 2020	05 February 2020	Naskah Unsurung	SI Teknik Elektro	Liburan												

# DESIGN CALENDAR

# MOCK UP CALENDAR



## KALENDER KEGIATAN

NO	TANGGAL MULAI	TANGGAL SELESAI	NAMA KEGIATAN	ORMAWA	JENIS KEGIATAN	FOTO	ACTION
1	04 February 2022	05 February 2022	Rak Bumung	S1 Teknik Elektro	Ukuran		



## PRODUK

+ Tambah Data Show: 10 8 entries Search:

NO	NAMA PRODUK	JENIS	STOK	HARGA	GAMBAR	PENJUAL	REKENING	ACTION
1	Lorem ipsum dolor sit amet, consectetur	Sepatu	4 bush	Rp1000	bobby.jpg..	Ahmad	BRI - 1233351212	

Showing 1 to 1 of 1 entries Previous Next

## JENIS

+ Tambah Data Show: 10 8 entries Search:

NO	NAMA PRODUK	JENIS	STOK	HARGA	GAMBAR	PENJUAL	REKENING	ACTION
1	Lorem ipsum dolor sit amet, consectetur	Sepatu	4 bush	Rp1000	bobby.jpg..	Ahmad	BRI - 1233351212	

Showing 1 to 1 of 1 entries Previous Next

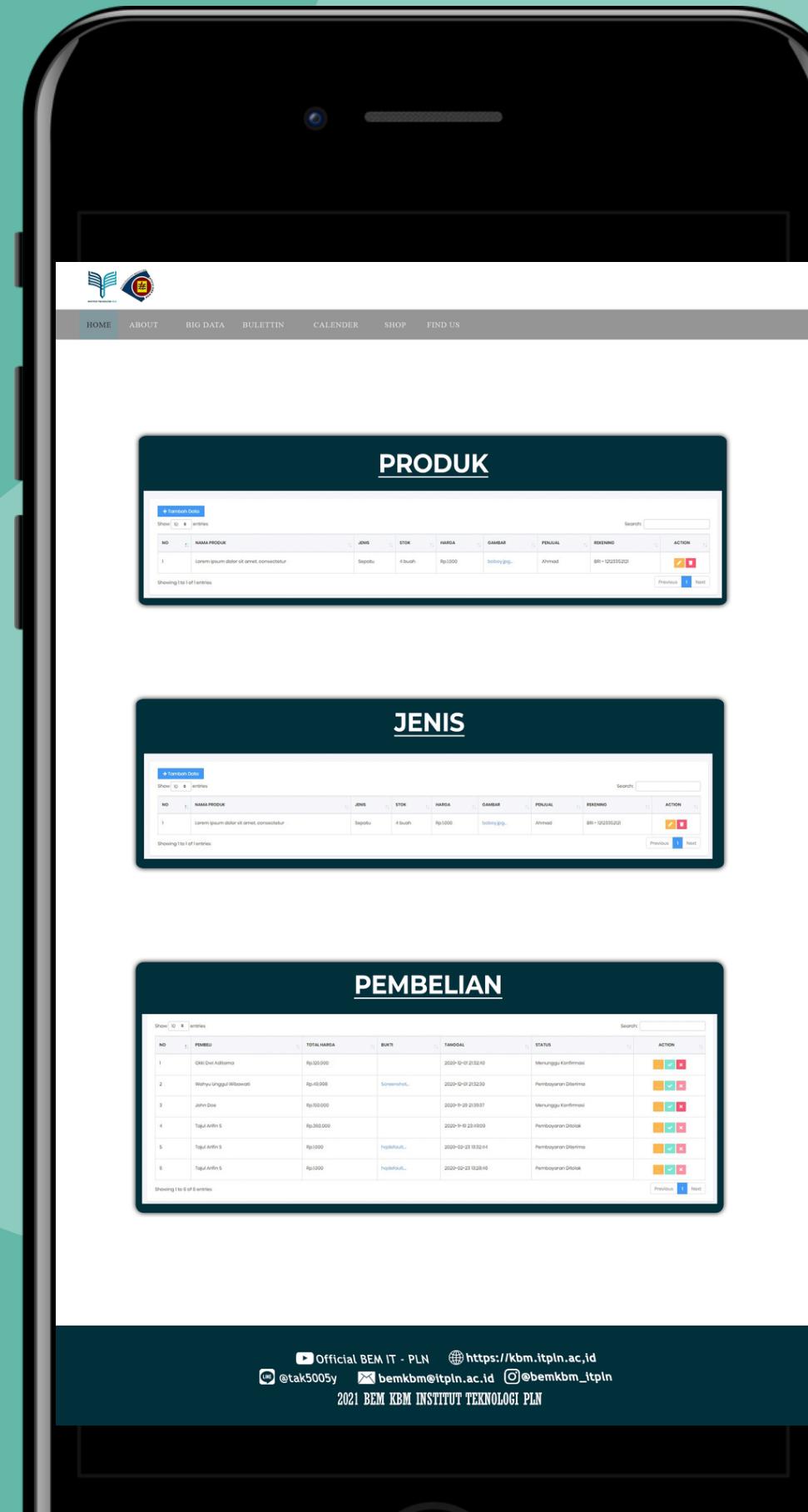
## PEMBELIAN

Show: 10 8 entries Search:

NO	PEBELI	TOTAL HARGA	BUKTI	TANGGAL	STATUS	ACTION
1	OAKI Dwi Aditama	Rp.120.000		2020-12-01 23:32:40	Menunggu Konfirmasi	
2	Wohyu Unggul Wibawati	Rp.49.998	Screenshot..	2020-12-01 23:32:30	Pembayaran Diterima	
3	John Doe	Rp.150.000		2020-12-20 23:39:37	Menunggu Konfirmasi	
4	Tojul Anfin S	Rp.360.000		2020-12-10 23:49:09	Pembayaran Ditolak	
5	Tojul Anfin S	Rp.1000	hpdefault..	2020-02-23 19:32:44	Pembayaran Diterima	
6	Tojul Anfin S	Rp.1000	hpdefault..	2020-02-23 19:28:49	Pembayaran Ditolak	

Showing 1 to 6 of 8 entries Previous Next

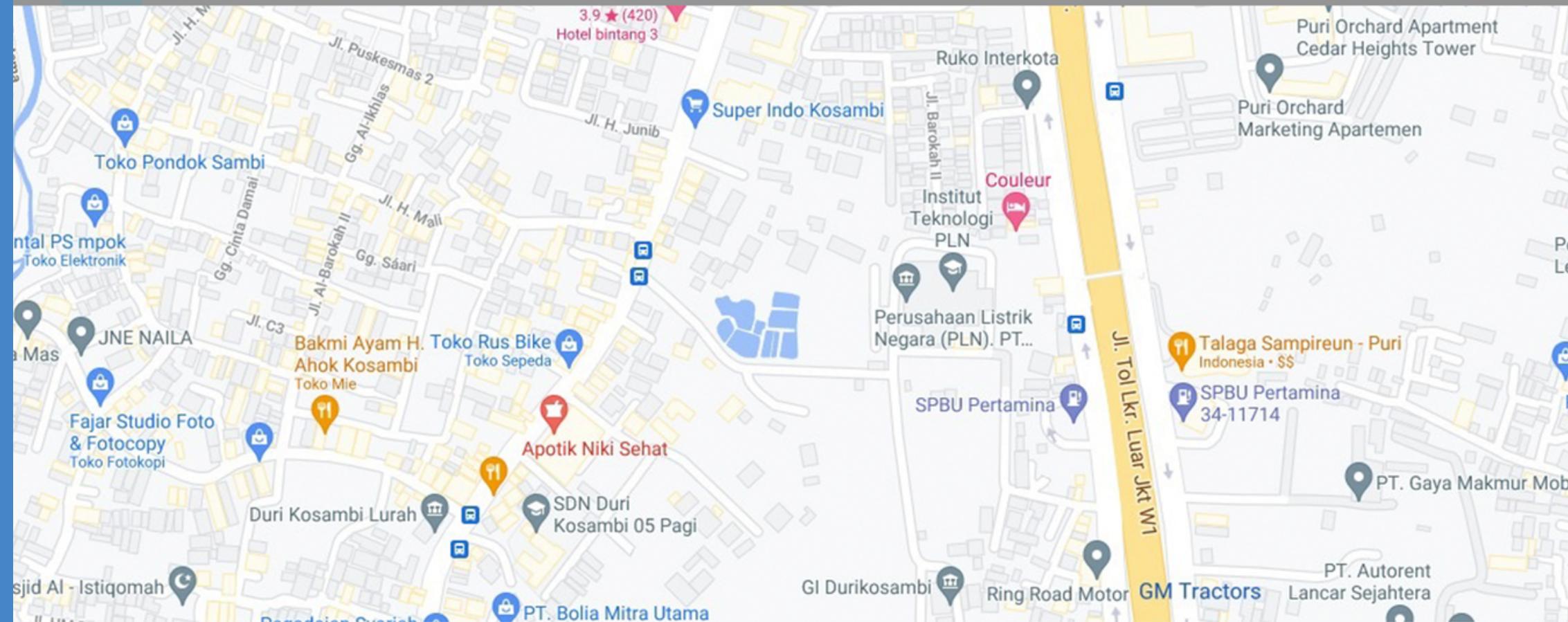
# DESIGN SHOP



# MOCK UP SHOP



HOME ABOUT BIG DATA BULETTIN CALENDER SHOP FIND US



## ABOUT WEBSITE

Website ini di kelola oleh Biro Kominfo  
BEM KBM IT-PLN

## CONTACT PERSON

NO WA/ TELF (NAMA)

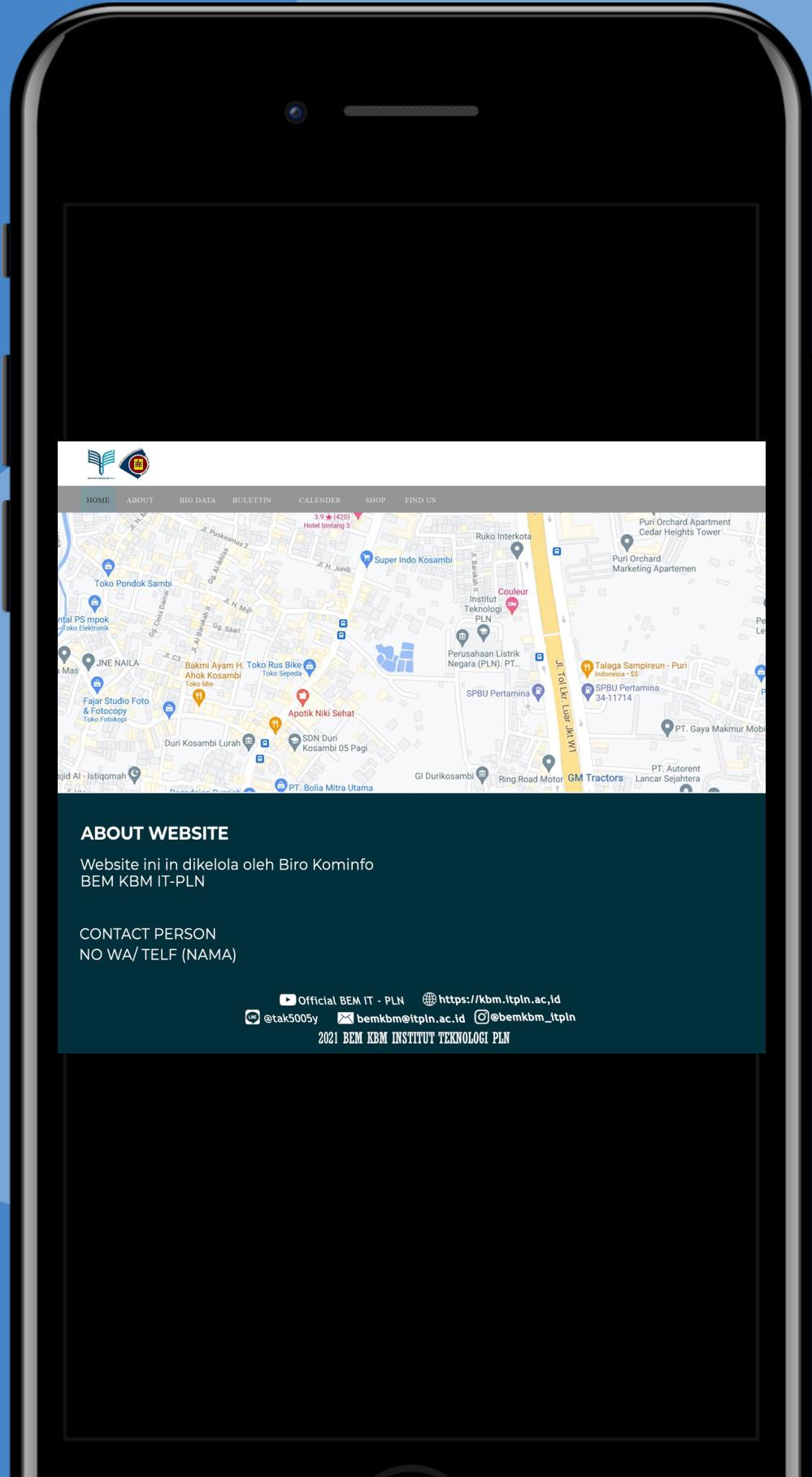
Official BEM IT - PLN <https://kbm.itpln.ac.id>  
LINE @tak5005y [bemkbm@itpln.ac.id](mailto:bemkbm@itpln.ac.id) @bemkbm\_itpln

2021 BEM KBM INSTITUT TEKNOLOGI PLN

# DESIGN FIND US

# MOCK UP

# FIND US



# LINK LOGO DLL

[https://sttpln-  
my.sharepoint.com/:f/g/personal/rafif1971146\\_itpln\\_ac\\_id/  
EICRVztTGv5KkRF5Kmo0VicB4HG94cFqzBOiF1-8qCbYaQ?  
e=FWBGiK](https://sttpln-my.sharepoint.com/:f/g/personal/rafif1971146_itpln_ac_id/EICRVztTGv5KkRF5Kmo0VicB4HG94cFqzBOiF1-8qCbYaQ?e=FWBGiK)

# LINK DATA

[https://sttpln-  
my.sharepoint.com/:f/g/personal/yolanda1931114\\_itpln\\_ac\\_id/EjaE2nmDmBRHgljMUhQrgRgB\\_9MiDhlW2QG4gXh3l7IryQ?e=5Y0Koa](https://sttpln-my.sharepoint.com/:f/g/personal/yolanda1931114_itpln_ac_id/EjaE2nmDmBRHgljMUhQrgRgB_9MiDhlW2QG4gXh3l7IryQ?e=5Y0Koa)



# Thank You

BIRO KOMINFO