

## Rancangan Aplikasi Tugas Besar Kelompok 8

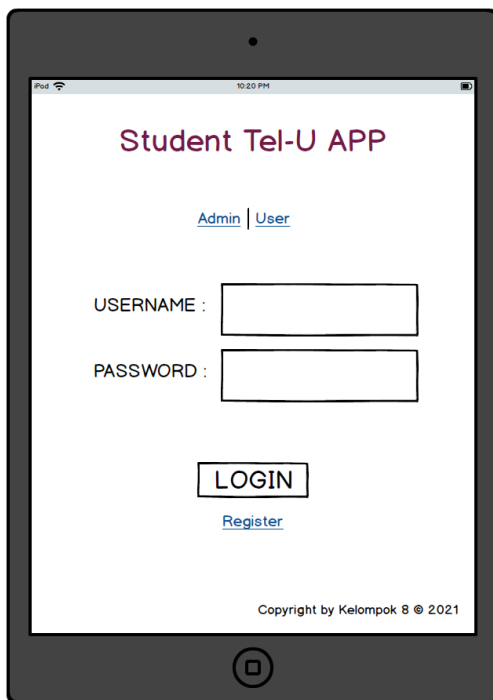
1. Avisha Tiara Rizky – 1101208139
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3. Angga Itsar – 1101208455

### Student Tel-U APP

Student Tel-U App adalah aplikasi yang berisi tentang berita-berita yang ada di Telkom University. Berita tersebut mencakup tentang kampus, Organisasi Mahasiswa, Event-event yang ada di kampus, perkembangan teknologi serta informasi magang yang dapat diakses oleh mahasiswa Telkom University.

#### A. Halaman Login

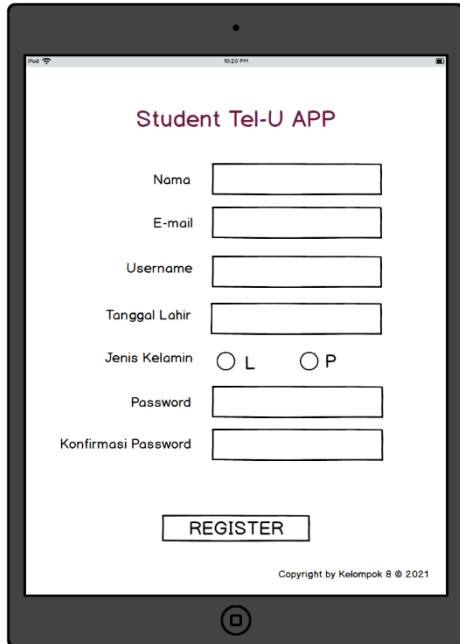
Halaman login dapat diakses oleh Admin dan User.



## USER

### 1. Halaman Register

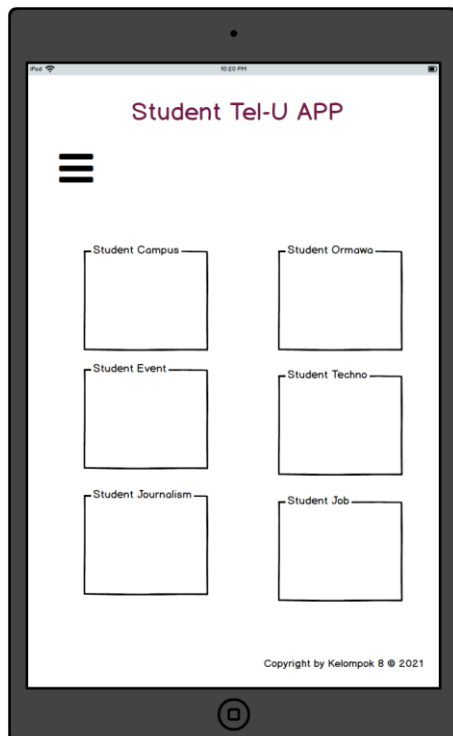
Halaman register berisi data yang akan didaftarkan oleh user.



The image shows a tablet displaying the 'Student Tel-U APP' registration page. The page has a white background with a dark grey header bar at the top. The title 'Student Tel-U APP' is centered in a dark purple font. Below the title, there are several input fields: 'Nama', 'E-mail', 'Username', 'Tanggal Lahir', 'Jenis Kelamin' (with radio buttons for 'L' and 'P'), 'Password', and 'Konfirmasi Password'. A 'REGISTER' button is centered below the input fields. At the bottom, there is a small copyright notice: 'Copyright by Kelompok 8 © 2021'. The tablet has a black bezel and a home button at the bottom center.

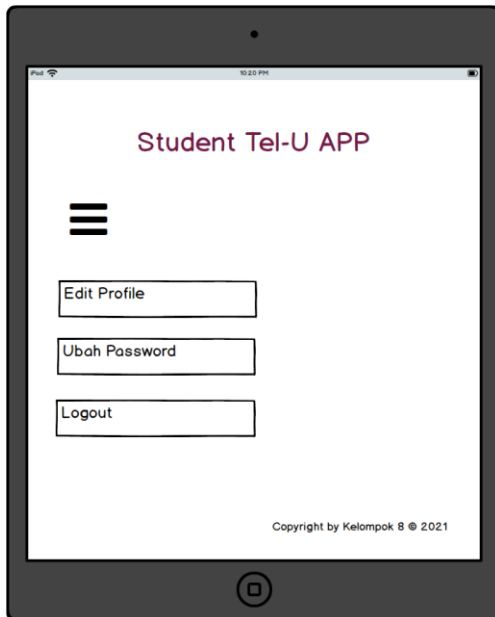
### 2. Halaman Beranda

Halaman beranda berisi Kategori berita yang disajikan, dan terdapat menu bar.



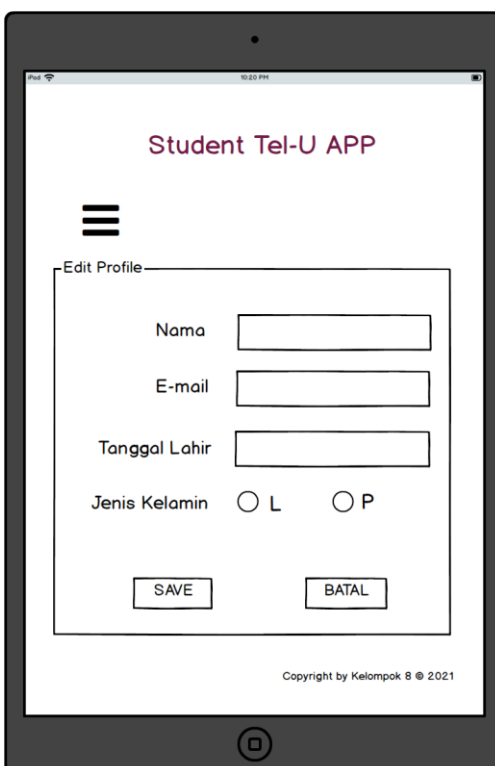
### 3. Menu Bar

Menu Bar berisi Edit Profile, Ubah Password dan Logout.

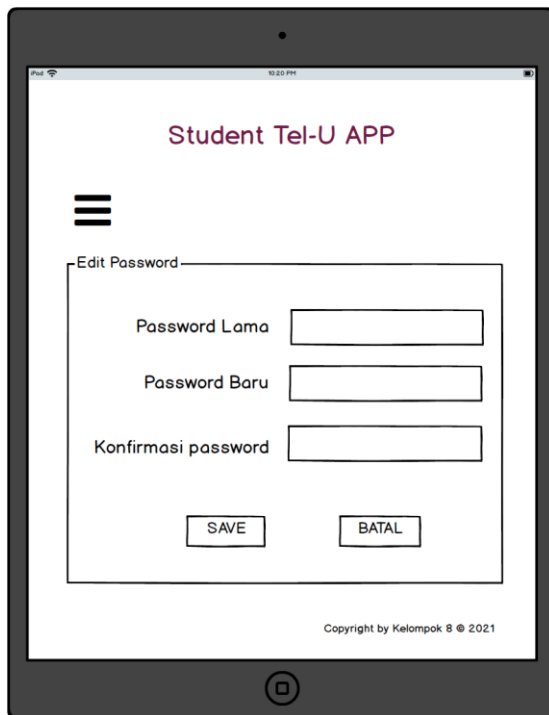


### 4. Menu Bar – Edit Profile

Pada Menu Edit Profile, user dapat mengubah Nama, E-mail, Tanggal Lahir, dan Jenis Kelamin.

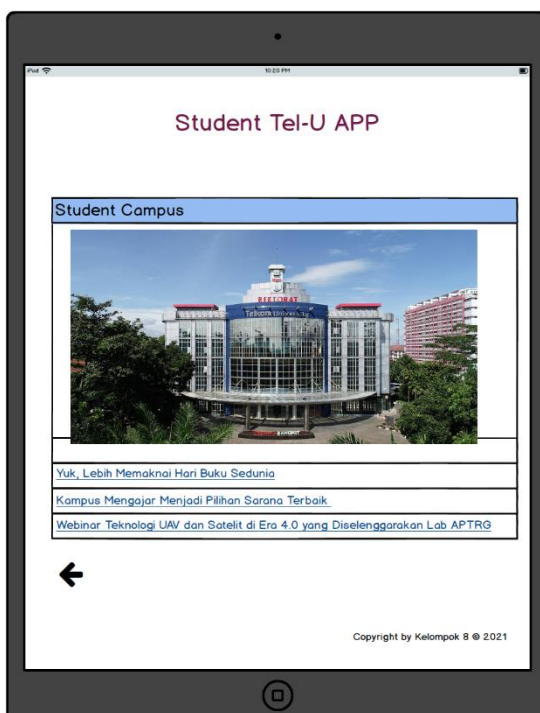


## 5. Menu Bar – Ubah Password



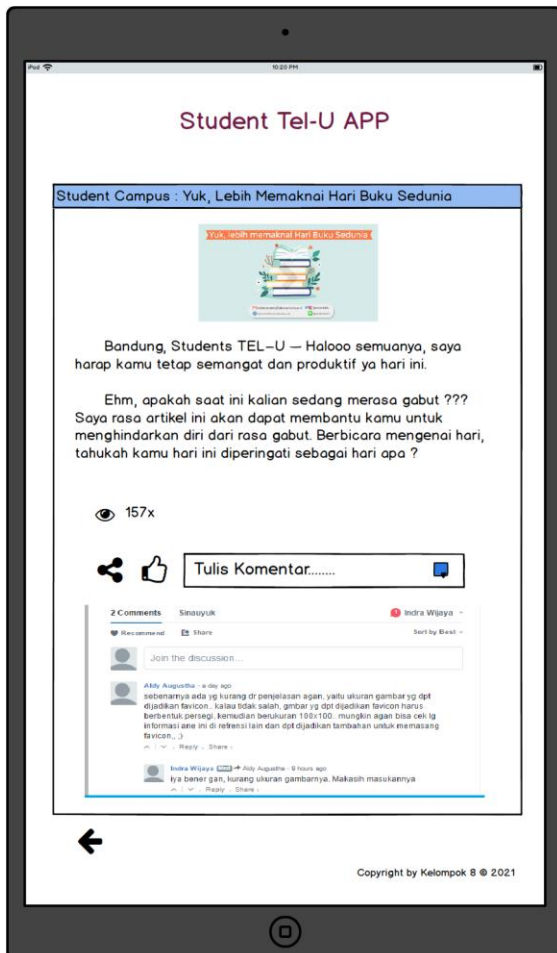
## 6. Halaman Kategori

Didalam halaman kategori (student campus, student event, student techno, student job, student journalism) terdapat pilihan berita-berita berdasarkan kategori yang dipilih.



## 7. Halaman Isi Konten

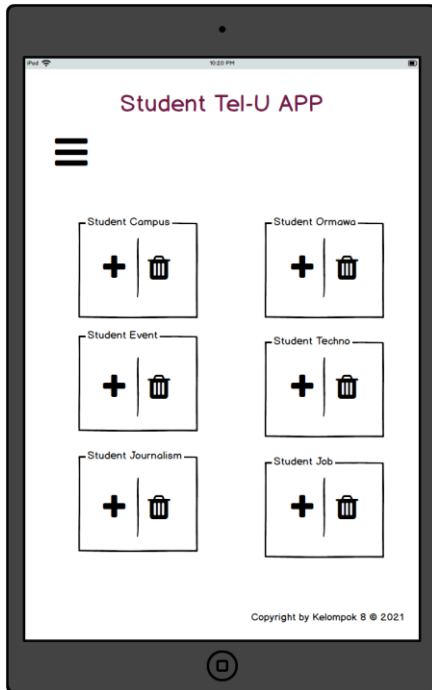
Halaman ini berisikan konten berita dan terdapat fitur Share, Like, dan Komentar. Serta terdapat informasi berapa kali berita itu dilihat.



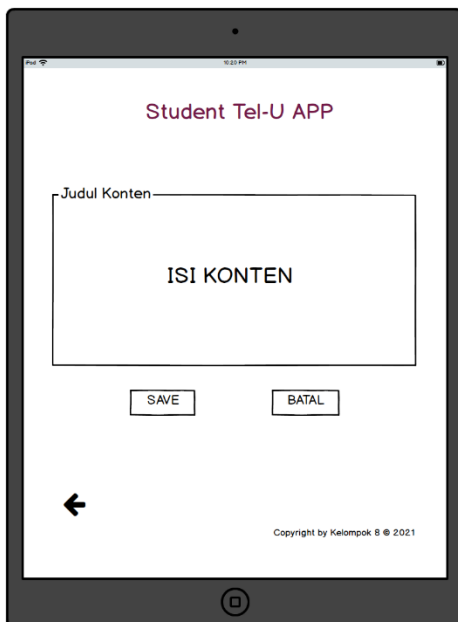
## ADMIN

### 1. Halaman Beranda

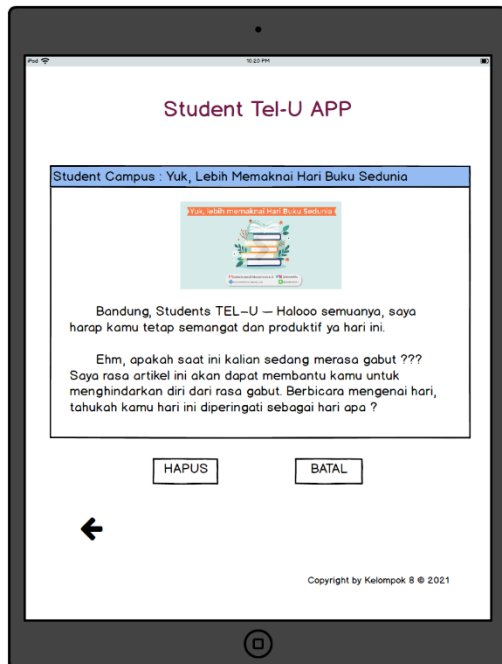
Pada Halaman Beranda Admin terdapat menu untuk menambahkan, menghapus serta mengedit isi konten yang ada di Student Tel-U APP.



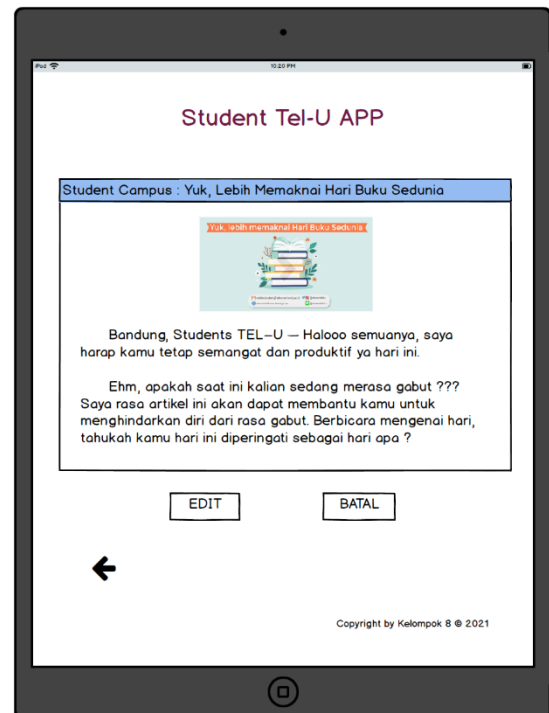
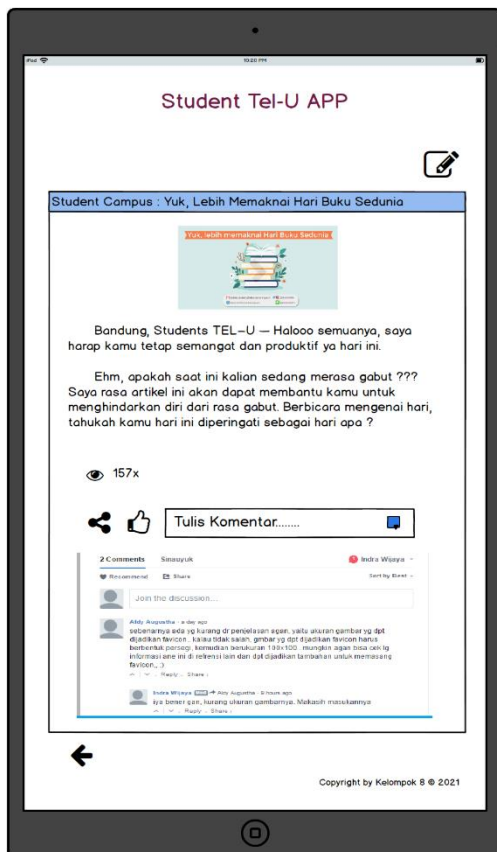
### 2. Halaman Menu Tambah



### 3. Halaman Menu Hapus



### 4. Halaman Menu Edit



# RANCANGAN DATABASE

## Database USER

The screenshot shows the phpMyAdmin interface for the 'tubes\_pbo' database. The 'user\_id' table structure is displayed, showing 7 columns: id\_user, nama, username, password, ttl, gender, and email. The 'id\_user' column is the primary key. A message at the top indicates that the table has been altered successfully.

Table structure:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id_user	int(250)			No	None		AUTO_INCREMENT	Change Drop More
2	nama	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
3	username	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
4	password	varchar(128)	utf8mb4_general_ci		No	None			Change Drop More
5	ttl	date			No	None			Change Drop More
6	gender	varchar(5)	utf8mb4_general_ci		No	None			Change Drop More
7	email	varchar(40)	utf8mb4_general_ci		No	None			Change Drop More

Indexes:

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	id	0	A	No	

## Database KONTEN

The screenshot shows the phpMyAdmin interface for the 'tubes\_pbo' database. The 'konten\_id' table structure is displayed, showing 8 columns: id\_konten, title\_id, konten\_id, kategori\_id, views\_id, like\_id, comment\_id, and gambar\_id. The 'id\_konten' column is the primary key.

Table structure:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id_konten	int(250)			No	None		AUTO_INCREMENT	Change Drop More
2	title_id	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
3	konten_id	text	utf8mb4_general_ci		No	None			Change Drop More
4	kategori_id	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
5	views_id	int(255)			No	None			Change Drop More
6	like_id	int(255)			No	None			Change Drop More
7	comment_id	text	utf8mb4_general_ci		No	None			Change Drop More
8	gambar_id	blob			No	None			Change Drop More

Indexes:

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	id_konten	0	A	No	



## Database ADMIN

The screenshot displays the phpMyAdmin web interface. On the left, a sidebar shows the database structure with 'tubes\_pbo' selected. The main panel shows the 'Table structure' view for the 'admin\_id' table. The table has four columns: 'id\_admin' (int(100), PRIMARY), 'username\_admin' (varchar(30)), 'password' (varchar(20)), and 'nama\_admin' (varchar(30)). Below the table structure, there are sections for 'Indexes' and 'Partitions'. The 'Indexes' section shows a PRIMARY index on 'id\_admin'. The 'Partitions' section indicates 'No partitioning defined!'. At the bottom, there is a 'Console' tab.

Server: 127.0.0.1 » Database: tubes\_pbo » Table: admin\_id

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id_admin	int(100)			No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
2	username_admin	varchar(30)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
3	password	varchar(20)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
4	nama_admin	varchar(30)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Spatial](#) [Fulltext](#) [Add to central columns](#)

[Remove from central columns](#)

Print [Propose table structure](#) [Track table](#) [Move columns](#) [Normalize](#)

Add 1 column(s) after nama\_admin [Go](#)

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
<a href="#">Edit</a> <a href="#">Rename</a> <a href="#">Drop</a>	PRIMARY	BTREE	Yes	No	id_admin	0	A	No	

Create an index on 1 column(s) [Go](#)

Partitions

No partitioning defined!

Console