

PEMOGRAMAN MOBILE 1

E-LEARNING SESI 5

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**PROGRAM STUDI TEKNIK INFORMATIKA UNIVERSITAS
TEKNOLOGI BANDUNG 2024**

Log and Toast Screenshot codingan nya mainactivity.kt

```
1 package com.example.apss
2
3 > import ...
16
17 <> class MainActivity : AppCompatActivity() {
18
19     private lateinit var tvSelectedDateTime: TextView
20     private val calendar = Calendar.getInstance()
21
22     @Override fun onCreate(savedInstanceState: Bundle?) {
23         super.onCreate(savedInstanceState)
24         setContentView(R.layout.activity_main)
25
26         Log.v(tag: "cekStringKirim", msg: "Halo")
27
28         Toast.makeText(applicationContext, text: "Halo Azmi", Toast.LENGTH_SHORT).show()
29
30         tvSelectedDateTime = findViewById(R.id.tvSelectedDateTime)
31
32         // Date Picker
33         findViewById<Button>(R.id.btnDatePicker).setOnClickListener {
34             showDatePicker()
35         }
36
37         // Time Picker
38         findViewById<Button>(R.id.btnTimePicker).setOnClickListener {
39             showTimePicker()
40         }
41
42         // Alert Dialog
43         findViewById<Button>(R.id.btnShowAlert).setOnClickListener {
44             showAlertDialog()
45         }
46     }
47
48     private fun showDatePicker() {
49         val datePicker = DatePickerDialog(
50             context: this,
51             { _, year, month, dayOfMonth ->
52                 calendar.set(Calendar.YEAR, year)
53                 calendar.set(Calendar.MONTH, month)
54                 calendar.set(Calendar.DAY_OF_MONTH, dayOfMonth)
55                 updateSelectedDateTime()
56             },
57             calendar.get(Calendar.YEAR),
58             calendar.get(Calendar.MONTH),
59             calendar.get(Calendar.DAY_OF_MONTH)
60         )
61         datePicker.show()
62     }
```

```

64 private fun showTimePicker() {
65     val timePicker = TimePickerDialog(
66         context: this,
67         { _, hourOfDay, minute ->
68             calendar.set(Calendar.HOUR_OF_DAY, hourOfDay)
69             calendar.set(Calendar.MINUTE, minute)
70             updateSelectedDateTime()
71         },
72         calendar.get(Calendar.HOUR_OF_DAY),
73         calendar.get(Calendar.MINUTE),
74         is24HourView: true
75     )
76     timePicker.show()
77 }
78
79 private fun updateSelectedDateTime() {
80     val dateFormat = SimpleDateFormat( pattern: "dd-MM-yyyy HH:mm", Locale.getDefault())
81     val formattedDateTime = dateFormat.format(calendar.time)
82     tvSelectedDateTime.text = "Tanggal dan waktu yang dipilih: $formattedDateTime"
83     Log.d( tag: "MainActivity", msg: "Tanggal dan waktu diperbarui: $formattedDateTime")
84
85 }
86
87 private fun showAlertDialog() {
88     val alertDialog = AlertDialog.Builder( context: this)
89         .setTitle("Konfirmasi")
90         .setMessage("Apakah Anda yakin dengan pilihan tanggal dan waktu?")
91         .setPositiveButton( text: "Ya" ) { _: DialogInterface, _: Int ->
92             Toast.makeText(applicationContext, text: "Pilihan dikonfirmasi", Toast.LENGTH_SHORT).show()
93         }
94         .setNegativeButton( text: "Tidak" ) { _: DialogInterface, _: Int ->
95             Toast.makeText(applicationContext, text: "Pilihan dibatalkan", Toast.LENGTH_SHORT).show()
96         }
97         .setNeutralButton( text: "Nanti" ) { _: DialogInterface, _: Int ->
98             Toast.makeText(applicationContext, text: "Anda memilih nanti", Toast.LENGTH_SHORT).show()
99         }
100         .create()
101     alertDialog.show()
102 }
103
104 }

```

Activity_main.xml

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
3      xmlns:tools="http://schemas.android.com/tools"
4      android:layout_width="match_parent"
5      android:layout_height="match_parent"
6      android:orientation="vertical"
7      android:padding="16dp"
8      tools:context=".MainActivity">
9
10     <Button
11         android:id="@+id/btnDatePicker"
12         android:layout_width="match_parent"
13         android:layout_height="wrap_content"
14         android:text="Pilih Tanggal" />
15
16
17     <Button
18         android:id="@+id/btnTimePicker"
19         android:layout_width="match_parent"
20         android:layout_height="wrap_content"
21         android:text="Pilih Waktu"
22         android:layout_marginTop="16dp" />
23
24     <TextView
25         android:id="@+id/tvSelectedDateTime"
26         android:layout_width="match_parent"

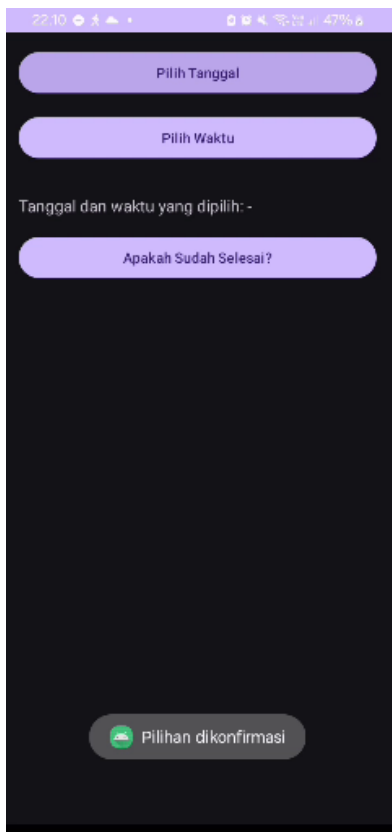
```

```

27         android:layout_height="wrap_content"
28         android:layout_marginTop="32dp"
29         android:text="Tanggal dan waktu yang dipilih: -"
30         android:textSize="16sp" />
31
32     <Button
33         android:id="@+id/btnShowAlert"
34         android:layout_width="match_parent"
35         android:layout_height="wrap_content"
36         android:text="Apakah Sudah Selesai?"
37         android:layout_marginTop="16dp" />
38
39 </LinearLayout>

```

Tampilan Toast dan logcat



Log nya saya tidak tahu kenapa tidak bisa saya lihat tapi sudah saya cek berulang kali pun tetap tidak muncul dan saya pun sudah ngeliat ke yt bertanya google pun tetap sama.