UNGUIDED
PEMROGRAMAN PERANGKAT BERGERAK

MODUL XII

MAPS PLACES

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PROGRAM STUDI S1 SOFTWARE ENGINEERING

FAKULTAS INFORMATIKA

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TUGAS PENDAHULUAN

1. SOAL

```dart
import 'package:flutter/material.dart';
import 'package:google_maps_flutter/google_maps_flutter.dart';
import 'render_maps.dart';
import 'package:place_picker_google/place_picker_google.dart';

void main() {
  // Tidak perlu pengaturan AndroidViewSurface lagi
  runApp(const MyApp());
}

class MyApp extends StatelessWidget {
  const MyApp({super.key});

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Google Maps Demo API Modul 12',
      theme: ThemeData(
        primarySwatch: Colors.blue,
      ),
      home: const MyWidget(),
    );
  }
}

class MyWidget extends StatefulWidget {
  const MyWidget({super.key});

  @override
  State<MyWidget> createState() => _MyWidgetState();
}

class _MyWidgetState extends State<MyWidget> {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      body: Center(
        child: RenderMaps(),
      ),
    );
  }
}
```

import 'package:place_picker_google/place_picker_google.dart';

```dart
import 'package:flutter/material.dart';
import 'package:google_maps_flutter/google_maps_flutter.dart';

class PlacePickerScreen extends StatefulWidget {
  const PlacePickerScreen({super.key});

  @override
  State<PlacePickerScreen> createState() => PlacePickerScreenState();
}

class PlacePickerScreenState extends State<PlacePickerScreen> {
  static final LatLng _initialPosition = LatLng(-6.200000, 106.816666);

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('Place Picker Example'),
      ),
      body: PlacePicker(
        apiKey: "IOiFSeuJJAkaUnajAjweneajeuAh",
        initialLocation: _initialPosition,   //
      ),
    );
  }
}
import 'package:flutter/material.dart';
import 'package:google_maps_flutter/google_maps_flutter.dart';

class RenderMaps extends StatefulWidget {
  const RenderMaps({super.key});

  @override
  State<RenderMaps> createState() => _RenderMapsState();
```

```dart
}

class _RenderMapsState extends State<RenderMaps> {
  static final LatLng _defaultLocation = LatLng(-6.200000, 106.816666);

  static final CameraPosition _cameraPosition = CameraPosition(
    target: _defaultLocation,
    zoom: 14.0,
  );

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('Google Maps Example'),
      ),
      body: GoogleMap(
        initialCameraPosition: _cameraPosition,
        mapType: MapType.normal,
        myLocationEnabled: true,
        myLocationButtonEnabled: true,
      ),
    );
  }
}
```

SCREENSHOT

22.57	Place Picker

Unnamed location
Unnamed location

Confirm Location

Nearby Places

22.58	Place Picker

Unnamed location
Unnamed location

Confirm Location

Nearby Places