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


class LocationPage extends StatefulWidget {
  const LocationPage({Key? key}) : super(key: key);


  @override
  State<LocationPage> createState() => _LocationPageState();
}


class _LocationPageState extends State<LocationPage> {
  String? _currentAddress;
  Position? _currentPosition;


  Future<bool> _handleLocationPermission() async {
    bool serviceEnabled;
    LocationPermission permission;


    serviceEnabled = await Geolocator.isLocationServiceEnabled();
    if (!serviceEnabled) {
      ScaffoldMessenger.of(context).showSnackBar(const SnackBar(
          content: Text(
              'Location services are disabled. Please enable the services')));
      return false;
    }
    permission = await Geolocator.checkPermission();
    if (permission == LocationPermission.denied) {
      permission = await Geolocator.requestPermission();
      if (permission == LocationPermission.denied) {
        ScaffoldMessenger.of(context).showSnackBar(
            const SnackBar(content: Text('Location permissions are denied')));
```

```dart
      return false;
    }
  }
  if (permission == LocationPermission.deniedForever) {
    ScaffoldMessenger.of(context).showSnackBar(const SnackBar(
      content: Text(
        'Location permissions are permanently denied, we cannot request permissions.')));
    return false;
  }
  return true;
}


Future<void> _getCurrentPosition() async {
  final hasPermission = await _handleLocationPermission();


  if (!hasPermission) return;
  await Geolocator.getCurrentPosition(desiredAccuracy: LocationAccuracy.high)
    .then((Position position) {
    setState(() => _currentPosition = position);
  }).catchError((e) {
    debugPrint(e);
  });
}




@override
Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(title: const Text("Location Page")),
    body: SafeArea(
```

```dart
      child: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            Text('LAT: ${_currentPosition?.latitude ?? ""}'),
            Text('LNG: ${_currentPosition?.longitude ?? ""}'),
            const SizedBox(height: 32),
            ElevatedButton(
              onPressed: _getCurrentPosition,
              child: const Text("Get Current Location"),
            )
          ],
        ),
      ),
    );
  }
}
import 'package:flutter/material.dart';

import 'homePage.dart';

class Myapp extends StatefulWidget {
  const Myapp({Key? key}) : super(key: key);

  @override
  State<Myapp> createState() => _MyappState();
}

class _MyappState extends State<Myapp> {
  @override
```

```dart
Widget build(BuildContext context) {
  return Scaffold(
    appBar: AppBar(
      title: Text("FisherMan App"),
      centerTitle: true,
    ),
    body: Center(
      child: Padding(
        padding: const EdgeInsets.all(16.0), // Increased padding for better spacing
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center, // Center the column contents
          children: [
            TextFormField(
              decoration: InputDecoration(
                labelText: "Latitude",
                hintText: "Enter latitude",
                prefixIcon: Icon(Icons.map), // Add an icon
                border: OutlineInputBorder(), // Add border
              ),
            ),
            SizedBox(height: 16.0), // Add spacing between fields
            TextFormField(
              decoration: InputDecoration(
                labelText: "Longitude",
                hintText: "Enter longitude",
                prefixIcon: Icon(Icons.map_outlined), // Add an icon
                border: OutlineInputBorder(), // Add border
              ),
            ),
            SizedBox(height: 16.0), // Add spacing between fields
            TextFormField(
```

```dart
              decoration: InputDecoration(
                labelText: "Radius (in Meters)",
                hintText: "Enter radius",
                prefixIcon: Icon(Icons.circle), // Add an icon
                border: OutlineInputBorder(), // Add border
              ),
            ),
            SizedBox(height: 24.0), // Add spacing before the button
            ElevatedButton(
              onPressed: () {
                Navigator.push(
                  context,
                  MaterialPageRoute(builder: (context) => homePage()),
                );
              },
              style: ElevatedButton.styleFrom(
                shape: RoundedRectangleBorder(
                  borderRadius: BorderRadius.zero, // Box shape
                ),
                padding: EdgeInsets.symmetric(horizontal: 32.0, vertical: 16.0), // Adjust padding
              ),
              child: Text("Add location"),
            ),
          ],
        ),
      ),
    ),
  );
}
}
import 'package:flutter/material.dart';
```

```dart
import 'homePage.dart';

class Myapp extends StatefulWidget {
  const Myapp({Key? key}) : super(key: key);

  @override
  State<Myapp> createState() => _MyappState();
}

class _MyappState extends State<Myapp> {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text("FisherMan App"),
        centerTitle: true,
      ),
      body: Center(
        child: Padding(
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              child: Text("Add location"),
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    ),
  );
}
}
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