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// ignore_for_file: avoid_print

import 'package:flutter/material.dart';
import 'package:http/http.dart' as http;
import 'dart:convert';

// Replace with your actual Alpaca API credentials
const apiKey = 'AKQGTW8PSA57QPUK28BD';
const secretKey = 'de9nCzbBEV7DlI15gPFPvTRNnwEqN6YveglnoY7z';
const baseUrl = 'https://api.alpaca.markets'; // For paper trading
// const baseUrl = 'https://api.alpaca.markets'; // For live trading

Future<List<String>> getSymbols() async {
  try {
    final response = await http.get(
      Uri.parse('$baseUrl/v2/assets'),
      headers: {
        'APCA-API-KEY-ID': apiKey, // Correct header name for API key
        'APCA-API-SECRET-KEY': secretKey, // Correct header name for secret key
      },
    );

    print('Response status code: ${response.statusCode}');
    print('Response headers: ${response.headers}'); // Log headers for debugging

    if (response.statusCode == 200) {
      final parsedJson = jsonDecode(response.body) as List;
      return parsedJson.map((asset) => asset['symbol'] as String).toList();
    }
  }
}

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    } else {
        throw Exception('Failed to fetch symbols: ${response.statusCode}');
    }
} catch (error) {
    print('Error fetching symbols: $error');
    return []; // Return an empty list on error
}
}

```

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class Symbol {
    final String symbol;
    final String assetClass;

    Symbol(this.symbol, this.assetClass);
}

```

```

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

    @override
    State<Homepage> createState() => _HomepageState();
}

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class _HomepageState extends State<Homepage> {
    List<Symbol> symbols = [];

    @override
    void initState() {

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    super.initState();
    fetchSymbols();
}

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```

Future<void> fetchSymbols() async {
  try {
    final fetchedSymbols = await getSymbols();
    setState(() {
      symbols = fetchedSymbols.cast<Symbol>();
    });
  } catch (error) {
    // Handle the error appropriately, e.g., display an error message to the
user
    print('Error fetching symbols: $error');
  }
}

```

```

@override
Widget build(BuildContext context) {
  return MaterialApp(
    home: Scaffold(
      appBar: AppBar(
        title: const Text('Alpaca Symbols'),
      ),
      body: ListView.builder(
        itemCount: symbols.length,
        itemBuilder: (context, index) {
          return ListTile(
            title: Text(symbols[index].symbol),

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        subtitle: Text(symbols[index].assetClass),
    );
  },
),
),
);
}
}
```