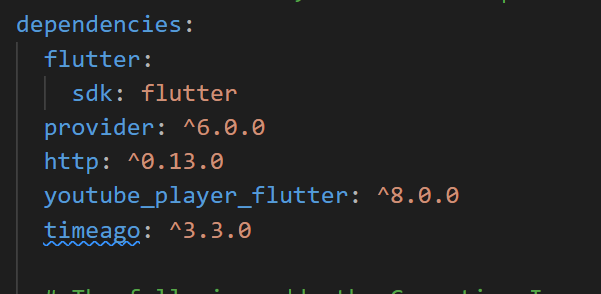
**Dependencies add:**

****

**Video running screen:**

import 'package:flutter/material.dart';

import 'package:youtube\_player\_flutter/youtube\_player\_flutter.dart';

import 'package:youtube/models/video.dart';

class VideoPlayerScreen extends StatefulWidget {

final Video video;

VideoPlayerScreen({required this.video});

@override

\_VideoPlayerScreenState createState() => \_VideoPlayerScreenState();

}

class \_VideoPlayerScreenState extends State<VideoPlayerScreen> {

late YoutubePlayerController \_controller;

@override

void initState() {

super.initState();

\_controller = YoutubePlayerController(

initialVideoId: widget.video.id,

flags:const YoutubePlayerFlags(

autoPlay: true,

mute: false,

),

);

}

@override

Widget build(BuildContext context) {

return Scaffold(

body: Column(

children: [

YoutubePlayer(

controller: \_controller,

showVideoProgressIndicator: true,

),

Padding(

padding:const EdgeInsets.all(16.0),

child: Column(

crossAxisAlignment: CrossAxisAlignment.start,

children: [

Text(

widget.video.title,

style:const TextStyle(

fontSize: 18,

fontWeight: FontWeight.bold,

),

),

const SizedBox(height: 8),

Text(

'${widget.video.viewCount} views • ${widget.video.channelTitle}',

style:const TextStyle(color: Colors.grey),

),

],

),

),

],

),

);

}

}

**Search Screen:**

**import 'package:flutter/material.dart';**

**import 'package:youtube/widgets/video\_card.dart';**

**import 'package:youtube/models/video.dart';**

**import 'package:http/http.dart' as http;**

**import 'dart:convert';**

**class SearchScreen extends StatefulWidget {**

**@override**

**\_SearchScreenState createState() => \_SearchScreenState();**

**}**

**class \_SearchScreenState extends State<SearchScreen> {**

**final TextEditingController \_searchController = TextEditingController();**

**List<Video> \_searchResults = [];**

**bool \_isLoading = false;**

**Future<void> \_performSearch(String query) async {**

**if (query.isEmpty) return;**

**setState(() {**

**\_isLoading = true;**

**});**

**try {**

**final response = await http.get(**

**Uri.parse('https://www.googleapis.com/youtube/v3/search'**

**'?part=snippet'**

**'&q=${Uri.encodeComponent(query)}'**

**'&type=video'**

**'&maxResults=20'**

**'&key=AIzaSyAJ1-opfofswwHXOBu9HZ\_LhwGWMMp2Eeg'),**

**);**

**final data = json.decode(response.body);**

**setState(() {**

**\_searchResults = (data['items'] as List).map((item) {**

**return Video.fromJson(item);**

**}).toList();**

**\_isLoading = false;**

**});**

**} catch (error) {**

**print('Error searching videos: $error');**

**setState(() {**

**\_isLoading = false;**

**});**

**}**

**}**

**@override**

**Widget build(BuildContext context) {**

**return Scaffold(**

**appBar: AppBar(**

**title: TextField(**

**controller: \_searchController,**

**decoration: const InputDecoration(**

**hintText: 'Search YouTube',**

**border: InputBorder.none,**

**hintStyle: TextStyle(color: Colors.white70),**

**),**

**style: const TextStyle(color: Colors.white),**

**onSubmitted: \_performSearch,**

**),**

**actions: [**

**IconButton(**

**icon: const Icon(Icons.search),**

**onPressed: () => \_performSearch(\_searchController.text),**

**),**

**],**

**),**

**body: \_isLoading**

**? const Center(child: CircularProgressIndicator())**

**: ListView.builder(**

**itemCount: \_searchResults.length,**

**itemBuilder: (context, index) {**

**return VideoCard(video: \_searchResults[index]);**

**},**

**),**

**);**

**}**

**@override**

**void dispose() {**

**\_searchController.dispose();**

**super.dispose();**

**}**

**}**

**Profile Screen:**

**import 'package:flutter/material.dart';**

**import 'package:provider/provider.dart';**

**import 'package:youtube/providers/auth\_provider.dart';**

**class ProfileScreen extends StatelessWidget {**

**@override**

**Widget build(BuildContext context) {**

**return Scaffold(**

**appBar: AppBar(**

**title: const Text('Profile'),**

**),**

**body: Consumer<AuthProvider>(**

**builder: (context, authProvider, \_) {**

**return SingleChildScrollView(**

**padding: const EdgeInsets.all(16.0),**

**child: Column(**

**crossAxisAlignment: CrossAxisAlignment.start,**

**children: [**

**// Profile Header**

**Center(**

**child: Column(**

**children: [**

**const CircleAvatar(**

**radius: 50,**

**backgroundColor: Colors.red,**

**child: Icon(**

**Icons.person,**

**size: 50,**

**color: Colors.white,**

**),**

**),**

**const SizedBox(height: 16),**

**Text(**

**'User ID: ${authProvider.userId}',**

**style: const TextStyle(**

**fontSize: 18,**

**fontWeight: FontWeight.bold,**

**),**

**),**

**],**

**),**

**),**

**const SizedBox(height: 32),**

**// Settings Section**

**Card(**

**child: ListView(**

**shrinkWrap: true,**

**physics:const NeverScrollableScrollPhysics(),**

**children: [**

**ListTile(**

**leading: const Icon(Icons.settings),**

**title: const Text('Settings'),**

**trailing: const Icon(Icons.arrow\_forward\_ios),**

**onTap: () {**

**// Navigate to settings screen**

**},**

**),**

**const Divider(),**

**ListTile(**

**leading:const Icon(Icons.history),**

**title: const Text('Watch History'),**

**trailing:const Icon(Icons.arrow\_forward\_ios),**

**onTap: () {**

**// Navigate to watch history**

**},**

**),**

**const Divider(),**

**ListTile(**

**leading: const Icon(Icons.playlist\_play),**

**title:const Text('Your Videos'),**

**trailing:const Icon(Icons.arrow\_forward\_ios),**

**onTap: () {**

**// Navigate to user videos**

**},**

**),**

**],**

**),**

**),**

**const SizedBox(height: 16),**

**// Help & About Section**

**Card(**

**child: ListView(**

**shrinkWrap: true,**

**physics:const NeverScrollableScrollPhysics(),**

**children: [**

**ListTile(**

**leading:const Icon(Icons.help\_outline),**

**title:const Text('Help & Feedback'),**

**trailing:const Icon(Icons.arrow\_forward\_ios),**

**onTap: () {**

**// Navigate to help screen**

**},**

**),**

**const Divider(),**

**ListTile(**

**leading: const Icon(Icons.info\_outline),**

**title:const Text('About'),**

**trailing:const Icon(Icons.arrow\_forward\_ios),**

**onTap: () {**

**// Navigate to about screen**

**},**

**),**

**],**

**),**

**),**

**const SizedBox(height: 24),**

**// Logout Button**

**Center(**

**child: ElevatedButton(**

**onPressed: () {**

**authProvider.logout();**

**Navigator.of(context).pop(); // Return to previous screen**

**},**

**style: ElevatedButton.styleFrom(**

**backgroundColor: Colors.red,**

**padding:**

**const EdgeInsets.symmetric(horizontal: 32, vertical: 12),**

**),**

**child:const Text(**

**'Logout',**

**style: TextStyle(fontSize: 16),**

**),**

**),**

**),**

**],**

**),**

**);**

**},**

**),**

**);**

**}**

**}**