

Responsive Video in Flutter Mobile App

This guide shows how to make a video responsive inside a Flutter mobile app using the `video_player` package.

1. Add 'video_player' dependency in pubspec.yaml:

```
dependencies:
```

```
  video_player: ^2.9.1
```

2. Place your video in the assets/ folder and update pubspec.yaml:

```
flutter:
```

```
  assets:
```

```
    - assets/Video_Generation_With_Background.mp4
```

3. Run 'flutter pub get'.

4. Use the ResponsiveVideoScreen widget in your app.

Flutter Code Example:

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

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

  @override
  State<ResponsiveVideoScreen> createState() => _ResponsiveVideoScreenState();
}

class _ResponsiveVideoScreenState extends State<ResponsiveVideoScreen> {
  late VideoPlayerController _controller;

  @override
  void initState() {
    super.initState();
    _controller = VideoPlayerController.asset(
      "assets/Video_Generation_With_Background.mp4",
    )
    ..initialize().then((_) {
```

```

        setState(() {});
        _controller.play();
        _controller.setLooping(true);
    });
}

@override
void dispose() {
    _controller.dispose();
    super.dispose();
}

@override
Widget build(BuildContext context) {
    return Scaffold(
        backgroundColor: Colors.black,
        body: Center(
            child: _controller.value.isInitialized
                ? LayoutBuilder(
                    builder: (context, constraints) {
                        return SizedBox(
                            width: constraints.maxWidth,
                            height: constraints.maxHeight,
                            child: FittedBox(
                                fit: BoxFit.cover,
                                child: SizedBox(
                                    width: _controller.value.size.width,
                                    height: _controller.value.size.height,
                                    child: VideoPlayer(_controller),
                                ),
                            ),
                        ),
                    );
                },
            ),
        : const CircularProgressIndicator(color: Colors.white),
    ),
);
}
}

```