

Ondokuz Mayıs Üniversitesi Mobil Programlama Ödev 6

Kodlar

```
// main.dart

import 'package:flutter/material.dart';
import 'package:startup_namer/parts/part2.dart';

void main() {
  runApp(const MyApp());
}

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

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Welcome to Flutter',
      theme: ThemeData(
        appBarTheme: const AppBarTheme(
          backgroundColor: Colors.white,
          foregroundColor: Colors.black,
        ),
      ),
      home: const Part2(),
    );
  }
}

// parts/part1.dart

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

class Part1 extends StatelessWidget {
  const Part1({super.key});

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('Welcome to Flutter'),
      ),
      body: const Center(
        child: RandomWords(),
      ),
    );
  }
}
```

```

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

  @override
  State<RandomWords> createState() => _RandomWordsState();
}

class _RandomWordsState extends State<RandomWords> {
  final _suggestions = <WordPair>[];
  final _biggerFont = const TextStyle(fontSize: 18);

  @override
  Widget build(BuildContext context) {
    return ListView.builder(
      padding: const EdgeInsets.all(16.0),
      itemBuilder: (context, i) {
        if (i.isOdd) return const Divider();

        final index = i ~/ 2;
        if (index >= _suggestions.length) {
          _suggestions.addAll(generateWordPairs().take(10));
        }

        return ListTile(
          title: Text(
            _suggestions[index].asPascalCase,
            style: _biggerFont,
          ),
        );
      },
    );
  }
}

// parts/part2.dart

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

class Part2 extends StatelessWidget {
  const Part2({super.key});

  @override
  Widget build(BuildContext context) {
    return const Scaffold(
      body: RandomWords(),
    );
  }
}

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

```

```

@override
State<RandomWords> createState() => _RandomWordsState();
}

class _RandomWordsState extends State<RandomWords> {
  final _suggestions = <WordPair>[];
  final _saved = <WordPair>{};
  final _biggerFont = const TextStyle(fontSize: 18);

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('Startup Name Generator'),
        actions: [
          IconButton(
            icon: const Icon(Icons.list),
            onPressed: _pushSaved,
            tooltip: 'Saved Suggestions',
          ),
        ],
      ),
      body: ListView.builder(
        padding: const EdgeInsets.all(16.0),
        itemBuilder: (context, i) {
          if (i.isOdd) return const Divider();

          final index = i ~/ 2;
          if (index >= _suggestions.length) {
            _suggestions.addAll(generateWordPairs().take(10));
          }

          final alreadySaved = _saved.contains(_suggestions[index]);

          return ListTile(
            title: Text(
              _suggestions[index].asPascalCase,
              style: _biggerFont,
            ),
            trailing: Icon(
              alreadySaved ? Icons.favorite : Icons.favorite_border,
              color: alreadySaved ? Colors.red : null,
              semanticLabel: alreadySaved ? 'Remove from saved' : 'Save',
            ),
            onTap: () {
              setState(() {
                if (alreadySaved) {
                  _saved.remove(_suggestions[index]);
                } else {
                  _saved.add(_suggestions[index]);
                }
              });
            },
          );
        },
      ),
    );
  }
}

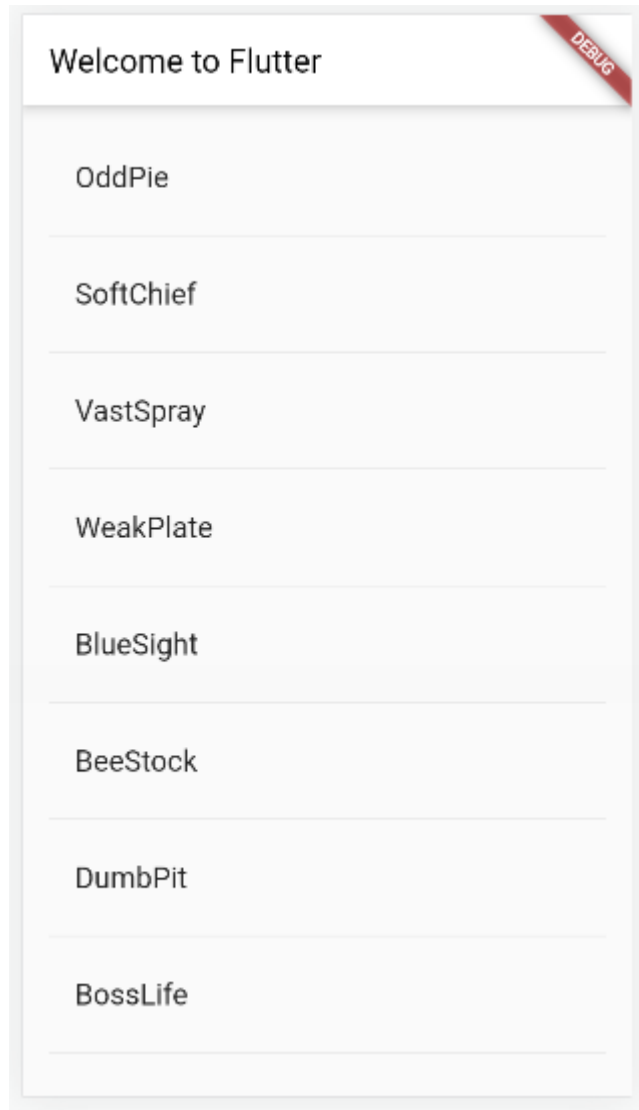
```

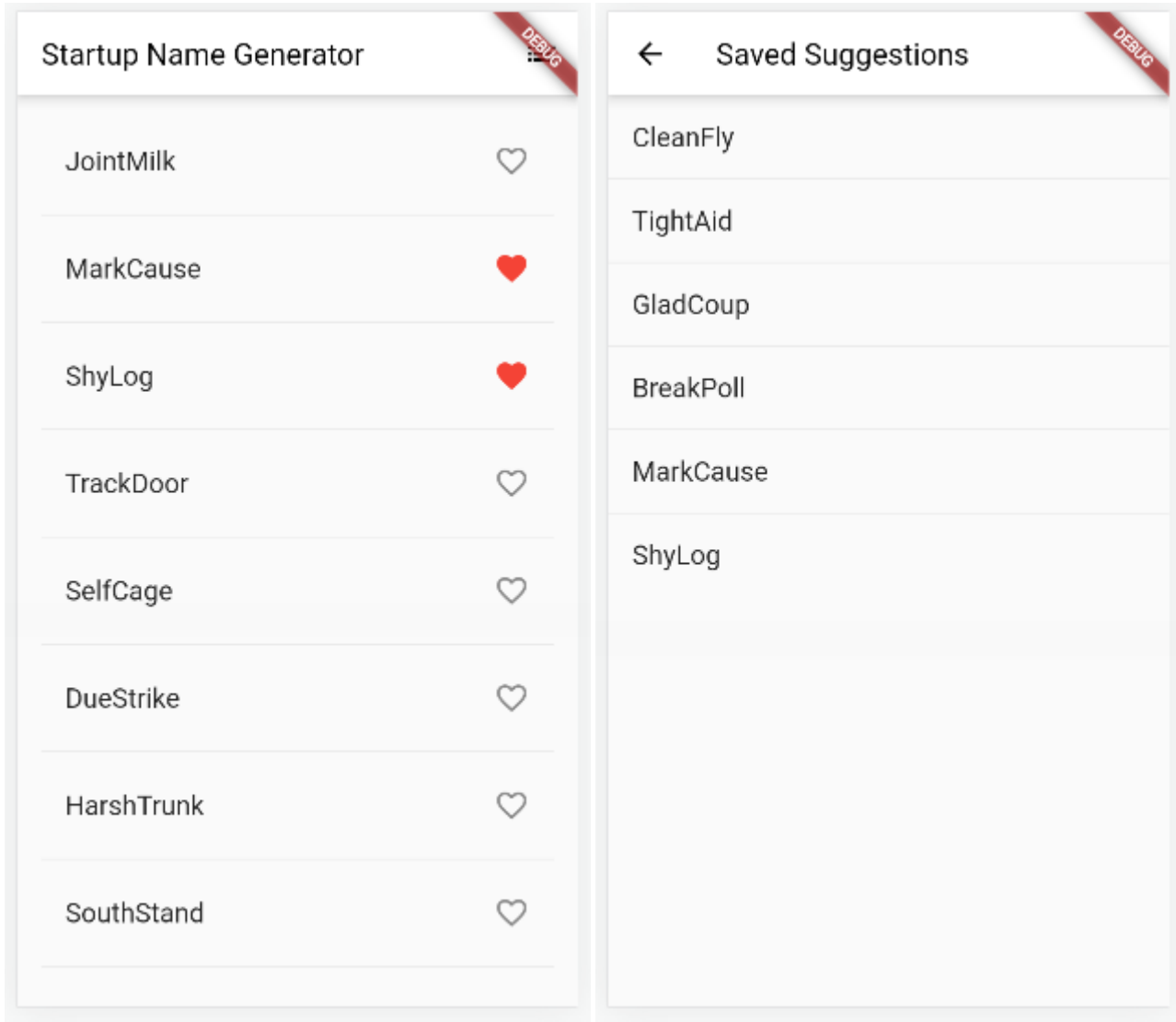
```
        },
      ),
    );
  }

  void _pushSaved() {
    Navigator.of(context).push(
      MaterialPageRoute<void>(
        builder: (context) {
          final tiles = _saved.map(
            (pair) {
              return ListTile(
                title: Text(
                  pair.asPascalCase,
                  style: _biggerFont,
                ),
              );
            },
          );
          final divided = tiles.isNotEmpty
            ? ListTile.divideTiles(
                context: context,
                tiles: tiles,
              ).toList()
            : <Widget>[];

          return Scaffold(
            appBar: AppBar(
              title: const Text('Saved Suggestions'),
            ),
            body: ListView(children: divided),
          );
        },
      ),
    );
  }
}
```

Ekran Görüntüleri





Youtube Videoları

- https://youtube.com/shorts/hwVyr_mf7dl
- <https://youtube.com/shorts/TIyB9eanq7A>

Proje Github Link

https://github.com/bgebes/universityHomeworks-flutter/tree/master/startup_namer

Kaynaklar

- <https://codelabs.developers.google.com/codelabs/first-flutter-app-pt1#0>
- <https://codelabs.developers.google.com/codelabs/first-flutter-app-pt2#0>

Öğrenci

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