

محمد ايمن عبدالجواد Section 9

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Code

```
import
'package:english_words/english_w
ords.dart';
import
'package:flutter/material.dart';

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

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

  @override
  Widget build(BuildContext
context) {
    return MaterialApp(
// MODIFY with const
      title: 'Startup Name
Generator',
      theme: ThemeData(
```

```
// Add the 5 lines from here...
        appBarTheme: const
AppBarTheme (
            backgroundColor:
Colors.white,
            foregroundColor:
Colors.black,
        ),
    ),
    home: const RandomWords (),
// REMOVE Scaffold
);
}
}
```

```
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);  
  
    void _pushSaved() {  
        Navigator.of(context).push(  
            // Add lines from here...  
            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),
                                );

```

```
        },  
    ),  
);  
}
```

```
@override  
Widget build(BuildContext  
context) {  
    return Scaffold(    // NEW  
from here ...  
        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: /*1*/
(context, i) {
  if (i.isOdd) return
const Divider(); /*2*/

  final index = i ~/ 2;
/*3*/
  if (index >=
_suggestions.length) {

_suggestions.addAll(generateWord
Pairs().take(10)); /*4*/
  }
  final alreadySaved =
_saved.contains(_suggestions[ind
ex]); // NEW
  return ListTile(
    title: Text(

_suggestions[index].asPascalCase
```

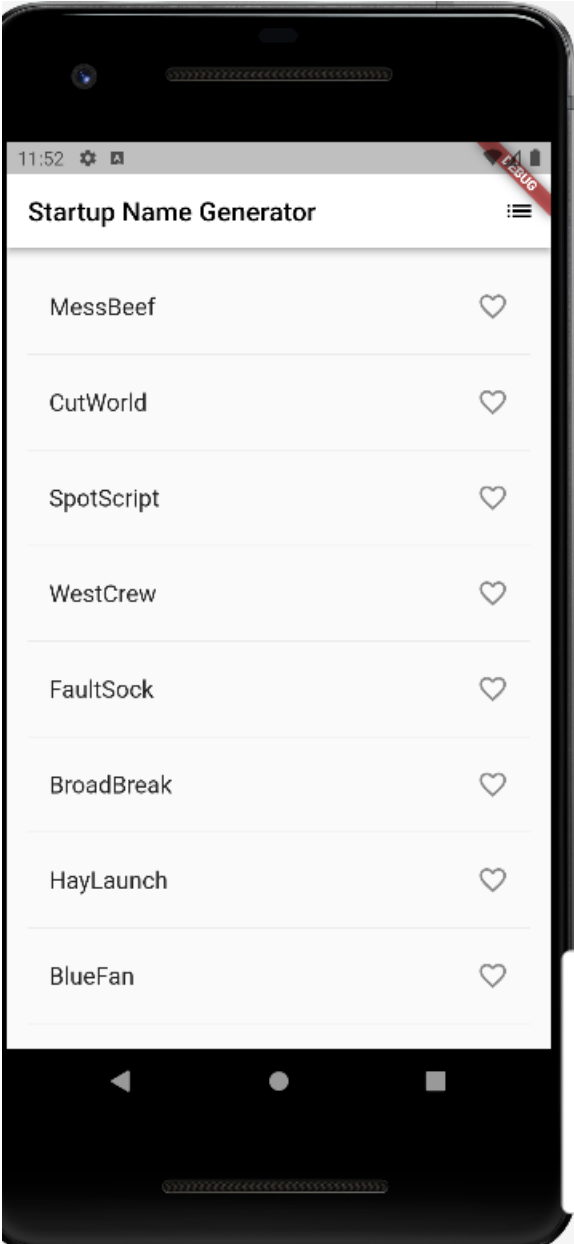


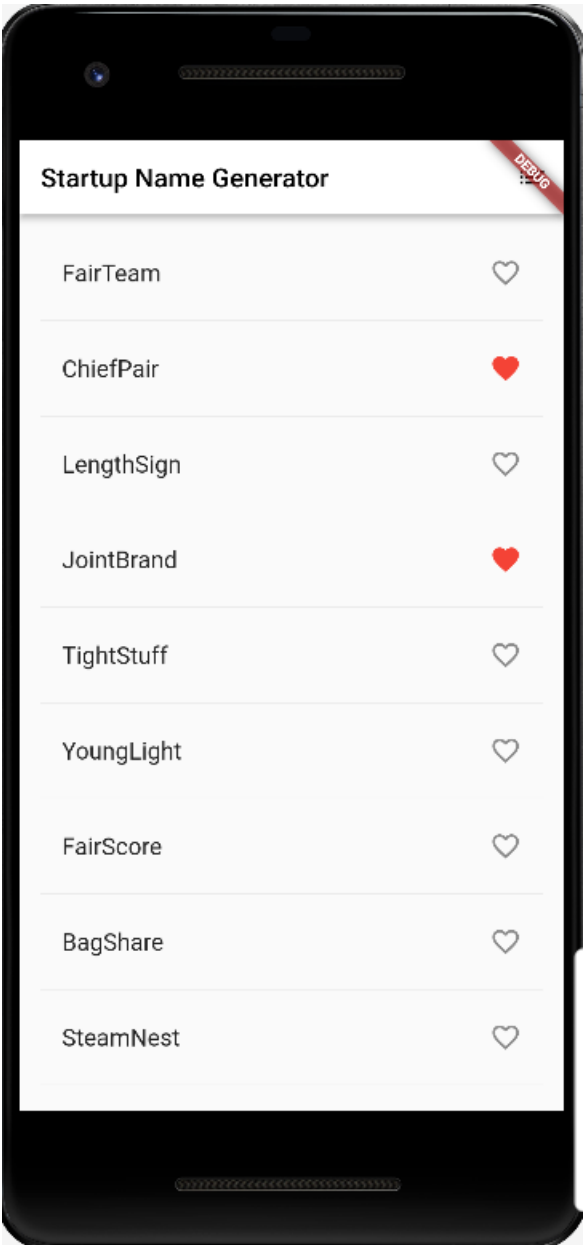
```

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

```

```
_saved.add(_suggestions[index]);  
    }  
    });  
  
    // to here.  
    },  
    );  
    },  
    ),  
    );  
}  
}
```





Startup Name Generator

FairTeam



ChiefPair



LengthSign



JointBrand



TightStuff



YoungLight



FairScore



BagShare



SteamNest



