

Dependencies

```
dependencies:
  flutter:
    sdk: flutter
  cupertino_icons:
^0.1.2
  english_words:
^3.1.5
=> entries can be added through
adding DEPEDECENCY_NAME: VERSION
```

Stateful Widget

```
class BasePage extends
StatefulWidget {
  State<StatefulWidget> createState() {
    return _BasePageState();
  }
}
class _BasePageState extends
State<BasePage> {
  int _value = 0;

  void _increment() {
    setState(() {
      _value++;
    });
  }
}
```

StatefulWidget are all the widget that interally have a dynamic value that can change during usage.

Infinite Scrolling View

```
Widget _buildSuggestions() {
  return ListView.builder(
    padding: const EdgeInsets.all(16.0),
    itemBuilder: / 1/ (context,
i) {
  if (i.isOdd) return
Divider(); /2/
  final index = i ~/ 2;
/3/
  if (index >= _suggestions.length) {
    _suggestions.addAll(generateWordPairs().take(10));
/4/
  }
  return _buildRow(_suggestions[index]);
});
}
```

After reaching the of the list 10 more word pairings are generated

Adding Interactivity

```
onTap: () {
  setState(() {
    if (alreadySaved) {
      _saved.remove(pair);
    } else {
      _saved.add(pair);
    }
  });
},
```

onTap is added to the list so it can be interacted with

Theme

```
theme: ThemeData(
  primaryColor:
Colors.white,
),
```

Used to change the theme color

Navigation

```
Navigator.pushReplacement(
  context,
  MaterialPageRoute(
Route(
  builder:
(BuildContext context) => Class(
  param:
value,
),
)),
```

Pushed a new page without being able to go back

Navigation

```
Navigator.push(
  context,
  MaterialPageRoute(
Route(
  builder:
(BuildContext context) => Class(
  param:
value,
),
)),
```

Pushes a new page but it's still possible to go back



By [deleted]

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Not published yet.

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