

WHAT IS MVC IN FLUTTER



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A close-up of Spider-Man's right arm and hand, showing the red and blue suit with gold webbing details. The arm is positioned on the left side of the frame, extending from the top to the bottom.

Model **View** **Controller**

So let's do it
Save It First!



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Model

A Model Extracts Data From a Database Like Cloud, Local Storage, API's. Sometimes it Consist Of Same Business Logic.



```
class Model {  
  static int counter = 0;  
  static int get counter => _counter;  
  
  static int incrementCounter() => ++_counter;  
  static int decrement Counter() => counter--;  
}
```

✓  models

-  notification_model.dart
-  post_notification_model.dart
-  product_model.dart
-  user_model.dart

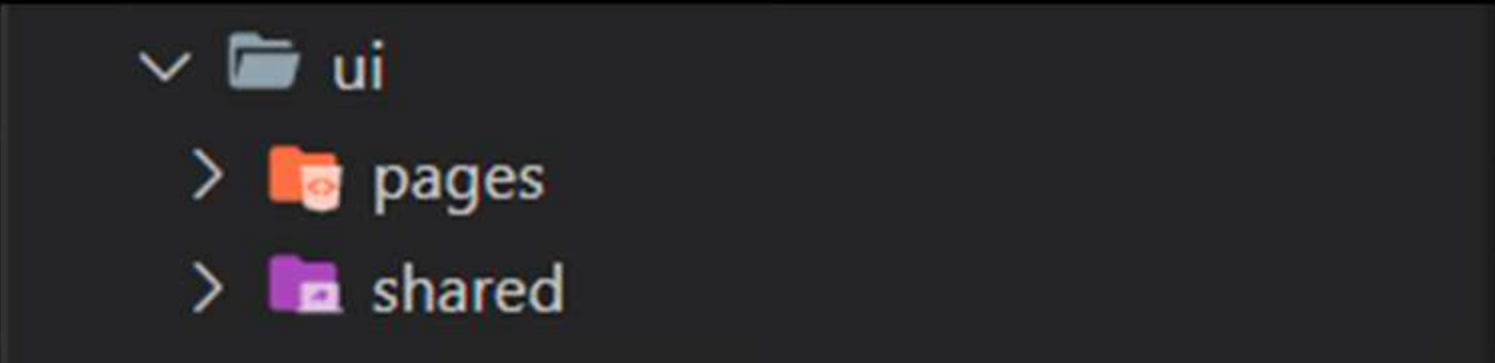


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View

View Represents The User Interface Of The App, It Shows The Modelled Data And Taking inputs From The User.



✓ ui
 > pages
 > shared



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Controller

The Controller Mostly Consist Of Some Business Logics, That Is What Will Be Displayes To USer, Also Handling User Input.

```
import 'package:mvc_pattern/mvc_pattern.dart';
import 'package:mvcdemo/src/model/Model.dart';

class Controller extends ControllerMVC {
  factory Controller() {
    if (this == null) _this = Controller._();
    return this;
  }

  static Controller _this;
  Controller._();
  int get counter => Model.counter;

  void incrementCounter() {
    /// The Controller knows how to talk to the Model. It knows the name, but model does the work.
    increment.incrementCounter();
  }

  void decrementCounter() {
    /// The Controller knows how to talk to the Model. It knows the name, but Model does the work.
    decrementCounter();
  }
}
```

providers

- auth_provider.dart
- connectivity_provider.dart
- product_provider.dart
- user_provider.dart

services

- auth_service.dart
- dio_service.dart
- lang_service.dart
- notification_service.dart
- storage_service.dart
- user_service.dart



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Don't forget to turn on notifications!



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Thank you for your Support

In the comments section, please share your thoughts on this Concept.



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Save for later