Architecture Style Assignment

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Group: 2

Identify any three software framework from the web and identify the architecture style on it.

1. Framework 1:
   1. Name: Laravel
   2. Link:

<https://www.softwaretestinghelp.com/php-laravel-tutorial-for-beginners/#MVC_Architecture_Of_Laravel>

* 1. Style: Layered
  2. Justification:

Laravel uses MVC pattern architecture is basically a three-layered architecture. It separates the characteristics of application. Its first layer is related to the user input logic, second layer is related to the business logic and third layer is used to implement user interface logic.

1. Framework 2:
   1. Name: Flutter
   2. Link: <https://blog.logrocket.com/complete-guide-flutter-architecture/>
   3. Style: Layered
   4. Justification:

Flutter is packaged with three layers, Embedder (lowest layer), Engine, Framework (highest layer). Embedder layer is an entry point is provided by a platform-specific embedder. Engine layer is written in C/C++, and it takes care of the input, output, network requests, and handles the difficult translation of rendering whenever a frame needs to be painted. Framework layer provides a reactive and modern framework that is written in Dart.

1. Framework 3:
   1. Name: Pushpin
   2. Link: <https://pushpin.org/docs/about/>
   3. Style: Publish-subscribe
   4. Justification:

Pushpin uses a publish-subscribe model for data transmission to ensure the client backend doesn’t have to care about individual client connections. Pushpin can also forward subscription information to an intermediate layer, to make a tiered publish-subscribe system possible.

* Submit your answers at in your github host.
* We will pick up randomly 5 students next session to present their answers.