**1-Design Patterns**

* <https://www.youtube.com/playlist?list=PLnqAlQ9hFYdflFSS4NigVB7aSoYPNwHTL>
* <https://drive.google.com/file/d/1BEyFnXJWLxo-DZoDKUQQTarvyx8MqLk9/view>

**2-Functional Programming**

**3-GraphQL**

* <https://www.howtographql.com/basics/0-introduction/>
* <https://www.youtube.com/watch?v=QonyaNVeEGo>

**4-Headless CMS (Strapi.io, october.com, appwrite)**

[Content-Type Builder](http://localhost:1337/admin/plugins/content-type-builder/content-types/create-content-type)

http://localhost:1337/admin/plugins/content-type-builder/content-types/create-content-type

**5-Agile**

**6-Programming using local Docker images**

**7-Instant Search ( Elastic Search, Algolia, ... )**

* <https://packagist.org/packages/protonemedia/laravel-paddle>
* <https://github.com/protonemedia/laravel-cross-eloquent-search>
* <https://www.algolia.com/doc/framework-integration/laravel/getting-started/installation/?client=php#installation>
* <https://www.youtube.com/watch?v=WigAaQsPgSA>
* <https://github.com/spatie/laravel-searchable>

**8-Payment Gateways Integration ( PayPal, MyFattorah, Stripe, ... )**

**9-Notifications ( Posher, firebase, .... )**

**10-SMS integration**

**11-Clean Coding**

**12-MicroServices ( Laravel/Lumen ) vs Moralise**

**13-Testing ( UTD, TDD, BDD, ... )**

**14-Conventions ( Code Readability ), Complexity**

**15-realtime [chat,notifaction,card]**

**16-socail authentication**

**17- Plant UML**

* [**https://www.youtube.com/watch?v=EM-cvRubP4g**](https://www.youtube.com/watch?v=EM-cvRubP4g)
* [**https://www.youtube.com/watch?v=Dd0bJlHDwLY**](https://www.youtube.com/watch?v=Dd0bJlHDwLY)
* [**https://plantuml.com/class-diagram**](https://plantuml.com/class-diagram)

**Notessss**

**payments**

* [peter-tharwat/Payment-helper: Payment Helper of Payment Gateways ( PayPal - Paymob - Fawry - Tap - WeAccept - Kashier - Hyperpay ) (github.com)](https://github.com/peter-tharwat/Payment-helper)

**Dashboard**

* <https://www.facebook.com/groups/ElzeroWebSchool/permalink/4353582288104135/?sfnsn=scwspmo&ref=share>
* <https://github.com/peter-tharwat/dashboard>

**Swagger**

* <https://codefactory.searchmymarket.com/install-swagger-in-laravel/>

**free tools**

* <https://m.facebook.com/groups/ElzeroWebSchool/permalink/3223995367729505/?sfnsn=scwspwa&ref=share>

chat

* https://app.mediafire.com/a48tzyqxubp52

### ****Step 1: Setup the app****

1. git clone <https://github.com/Kingsconsult/laravel_8_crud.git>
2. cd laravel\_8\_crud/
3. composer install
4. npm install
5. cp .env.example .env
6. php artisan key:generate
7. Add your database config in the .env file (you can check my articles on how to achieve that)
8. php artisan migrate
9. php artisan serve (if the server opens up, [http://127.0.0.1:8000](http://127.0.0.1:8000/), then we are good to go)