Brief Documentation.

For the implementation of the projects, I did a extreme programming methodology.I use my wife’s opinion and I continue developing the tasks!

I start implementing the tasks at Friday night and I finish Monday around 1:00. The tasks where demanding due to time limit! But all are done and at working. All are at my github repository at <https://github.com/iacovosi/cms.git>

For this tasks I used Laravel 5.6 and mysql database behind. In addition, I develop a script to run the laravel in bash the generate.sh.

For the front end I used the bootstrap 4 with font awesome and I implement the page as it looks! Also I created a layout with 3 sections. 1 for css / 1 for js / and one for the body. I try to use this structure at my web apps.

Now let my write how I solve the tasks:

* For the categories I created seeder files
* Also 1 create 3 models the User/ Category / Posts with migration files.
* I used routing, controllers, blade views, models etc…
* I used also the auth middleware with the auth fetatures of Laravel!
* Also I used ajax with api routes to auto update the status.
* For the WYSIWYG I used tinymce
* Datatables with Jquery ui sortable element in order to sort the posts as you like!
* For the second task I used curl to get the page and dom-crawel (composer require symfony/dom-crawler) to parse html and get title / url / link /picture .. etc…

All tasks are done ! I hope you are happy with the work done! I am ☺

The schema of database (it is done automatically using migration classes Laravel ORM):

