TASK - DEVELOPER

The task is to implement and present a live demo of a solution where users are able to create and edit a structure as shown below.

Eksempel på dokumentstruktur	Ønsket dokumentstruktur

1. Eurpoa
  1.1. Norge
    1.1.1. Stavanger
    1.1.2. Oslo
    1.1.3. Bergen
  1.2. Danmark
    1.2.1. Hirtshals
    1.2.2. Ålborg
    1.2.3. Give
2. Asia
  2.1. Japan
    2.1.1. Tokyo
    2.1.2. Kobe
    2.1.3. Hiroshima
  2.2. Kina
    2.2.1. Beijing
    2.2.2. Shanghai
	1. Asia
	  1.1. Kina
	    1.1.1. Beijing
	    1.1.2. Shanghai
	  1.2. Japan
	    1.2.1. Tokyo
	    1.2.2. Hiroshima
	    1.2.3. Kobe
	2. Europa
	  2.1. Norge
	    2.1.1. Hirtshals
	    2.1.2. Oslo
	    2.1.3. Bergen
	  2.2. Danmark
	    2.2.1. Ålborg
	    2.2.2. Give
	    2.2.3. Stavanger

Tasks:

1. Implement a RESTful API frontend
   1. Must include documentation for API client developers
2. Implement a Web GUI frontend
3. Implement a PHP backend
   1. Users should be able to create, update and delete items
   2. Users should be able to rearrange the structure (bonus)
4. Create a database model and implementation to persist the structure
   1. Users should be able to create very large structures with good performance
5. Write Unit tests (bonus)