

PHP translation task

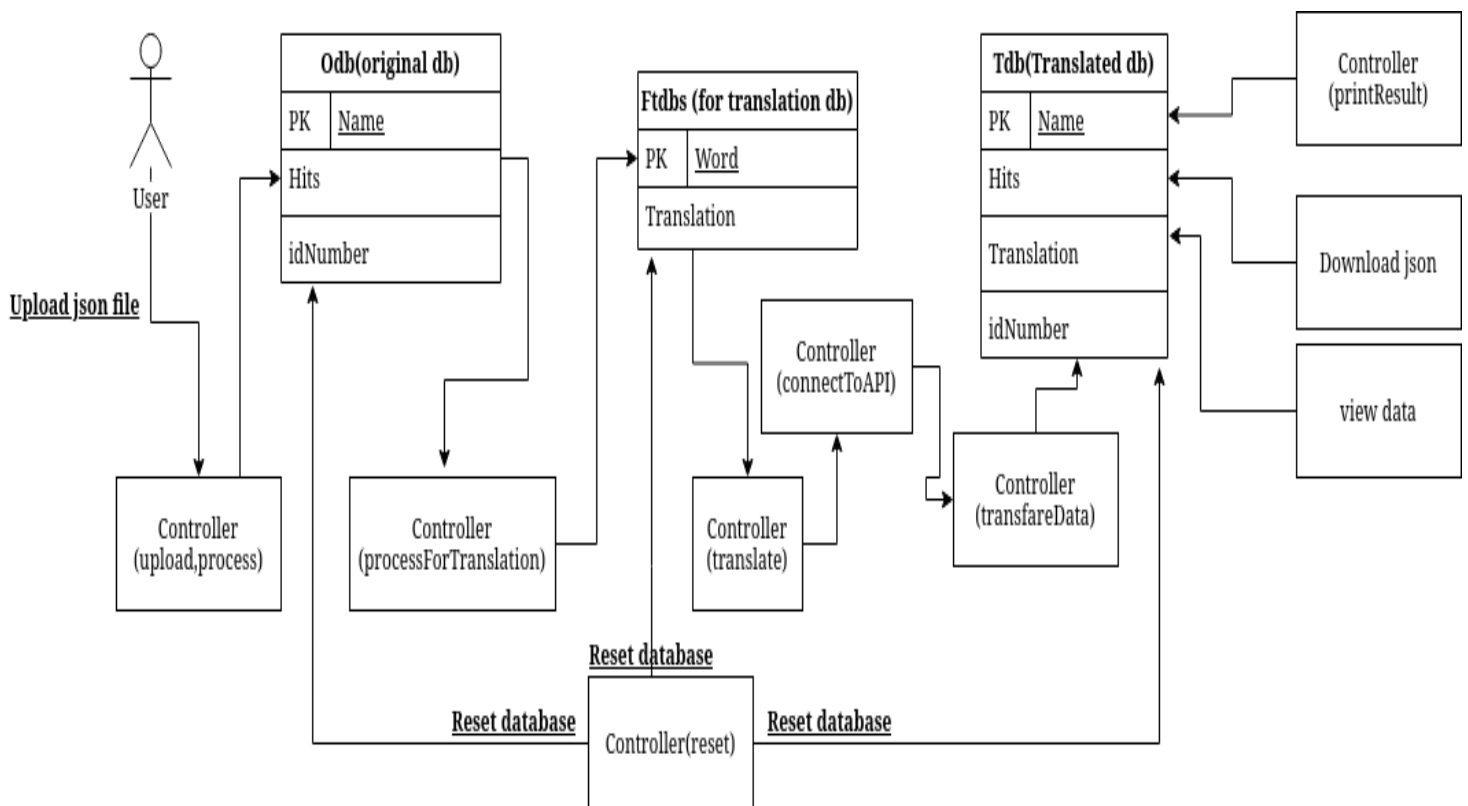
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Before starting the project :

Kindly , add your google cloud API key by doing the following:

- Open the controller from app/http/Controllers/Controller.php
- Search for the word “Bookmark”
- Paste your API key to \$apiKey

Overview of the workflow:



Migrations:

- Odbs : Database for the original entries
- Ftdb : Database for storing processed translated data
- Tdb : Database for the final translated data

Controller:

- Upload() : A method for uploading Json files
 - subMethods : process() - transfareData() - downloadJson()
- process(directory) : A method to process Json files and push data to the database
 - subMethods :processForTranslation()
- processForTranslation(name) To process data to be suitable for translation(parts of the name are separated for example “shimaa badawy-> [shimaa][badawy]”)
 - subMethods :translate()
- translate (wordToTanslate): To get tanslate data from the API
 - connectToApi()
- connectToApi(word.from,to): Connect to the API and getting the result
- transfareData(): Translate complete names (without separation) and push it to the database
- printResult(): Print result if the user requested so
- downloadJson() : Download json file if the user requested so
- reset () : Erase data from databases after finishing

Routes :

- /: view ('welcome')
- /upload: Controller -> upload()
- /view-result : Controller -> printResult()
- /done: view ('done')
- /reset: Controller -> reset()

Views:

- Welcome : where the user upload files
- Done : Is shown after translation successfully