

# Web Services Course

## Project

### Requirements

This project aims to implement an LLM-powered RESTful web service for translating from English to Moroccan Arabic Dialect (Darija). The web service is called **TranslatorResource**, and it has a business method called **translate()**, which takes an English text as an argument and returns its translation. The translation task is performed by an LLM (Large Language Model) such as Google Gemini ([https://ai.google.dev/pricing#1\\_5flash](https://ai.google.dev/pricing#1_5flash)) or other free-of-charge ones.

Your task is to implement the corresponding Java RESTful web service in the following way:

- Implement the REST web service class using JAX-RS API.
- Test your implementation with SoapUI and cURL.
- Implement a PHP app client.