

Lame Project

Due Dec 15 by 11:59pm **Points** 25

The idea of this project is to let the users define their own dictionary and then use it to translate the English text in input.

You will have to:

Build a web page that:

- Ensures a secure Session mechanism.
- Allows the user to submit a file (dictionary file) that contains English words of your choice and the direct translation in another language of your choice.
 - As designer of this web application, the format of the file is up to you.
 - An easy way to solve the format problem is to let the user upload two files (one containing English words, one per line, and the other containing the translation, one per line). This would be very Lame, but this is a Lame Project after all.
 - If you want to make it much better, you could think about a parsing function that is "format independent" (the project would become suddenly "very normal", though).
- Lets sign in and authenticate a User, allowing them to submit and then recover the dictionary (that is, the translation of each individual word).
- Lets input a text in a text box and apply a direct translation to it. Note: If the user didn't upload any file yet, it should translate with a build in translation model (aka, default translation). The default translation can be added directly in the database without further PHP code.

Build a web application that:

- Reads the file in input, interprets it and sends to the database the translations found in it.
- Reads the input from the text input and applies the translation based on the user dictionary (or the default one).
 - The "default dictionary" should be used in case the User didn't sign in, or if is logged in, by didn't upload any dictionary.
 - If the User is logged in and has uploaded a dictionary, this dictionary must be used by the web application for the translation.

Build a MySQL database that:

- Stores the information regarding the dictionary per each user.
- Stores the information related to each user account with username and password, in the most secure way of your knowledge.
 - The database doesn't need to be submitted.