**Java Top Coder: Challenge # 2**

**Requirement:**

Write a program to create and use a word dictionary. The key functionalities would include API to create and persist a word dictionary by uploading a text file having few paragraphs (file Size Max: 200 MB). User should be able to search if a given word is available in the dictionary.

Write an API that will take a text file as input. The unique contents of the file are then stored in the database (use any DB). The API should be consumed by web-based UI. The Solution should be packaged in a manner that is easy to deploy and does not have too many steps for deployment. Scalability and performance will be treated as important parameters for evaluation.

Example:

"Design is not just what it looks like and feels like. Design is how it works."

the program should store the following unique words from the file into the DB:

Design

Is

not

just

what

it

looks

like

and

feels

how

works

Write another API to check if a word searched by user exists in the DB, boolean is returned based on the search result.