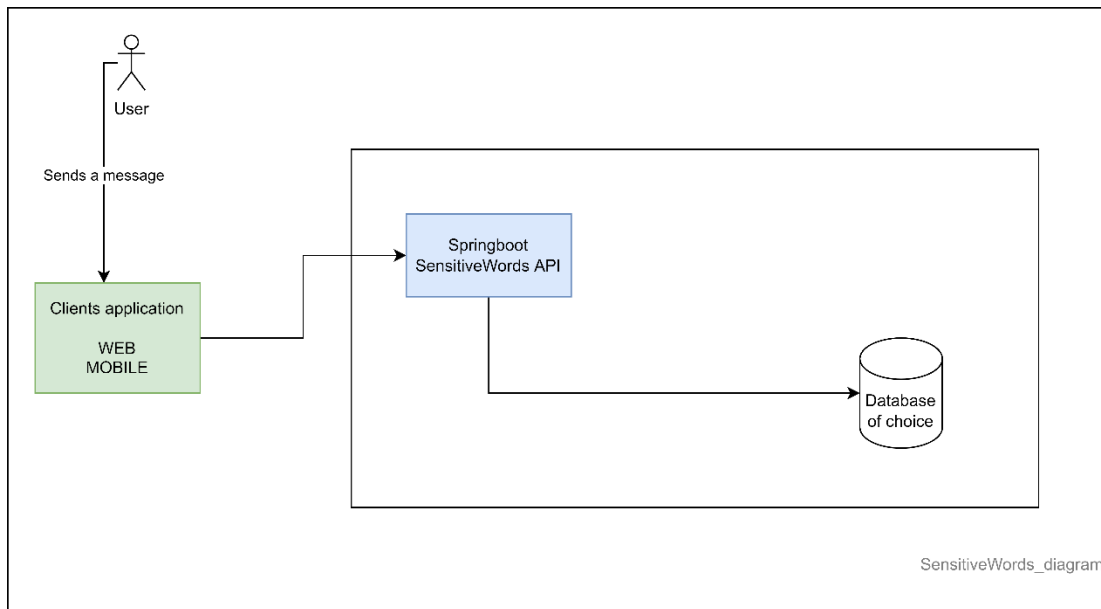


Definition

You are working for a start up company which would like to provide an additional piece of functionality to their clients. The definition of this service would be to “bloop” out sensitive words of the company’s choice, on their chat system i.e., SQL sensitive words, profanity, or anything the company deems “Sensitive”. As an example, we have chosen our words to be in line with SQL key words. An example of this would be “SELECT” or “DROP” but could be any other word on the companies Sensitive list.

Scenario:



Scenario description:

- User sends a message on the client application
- Client application receives this message and POST's to the SensitiveWords API
- SensitiveWords API reads the message and combined with the data that lives inside of the DB proceeds to *(star) out the sensitive words in the message.
- Once all the “sensitive words” are starred out SensitiveWords API sends back the amended message.
- Client application displays the amended message on the application.
- Example of starred message:
“***** * FROM sensitiveWords”

What needs to be done?

- Please supply the CRUD endpoints. (Internal consumption)
- Please supply one Business Logic endpoint for the scenario above. (External consumption)
- Finally, a walkthrough of how you think this should be deployed in a production environment.

List of words to be preloaded into the DB:

Accompanied with this document.

Please ensure you meet all the “What needs to be done” requirements when submitting your piece.