

There are two ways to proceed with this:

1. Desktop application in Java
2. Website

I will list the pros according to my opinion and my ideas what to do:

1. Desktop application
 - a. The pros:
 - i. It does not require a running server, for which we know neither where it is going to be nor if it going to be enough secured and reliable.
 - ii. It scales better, because it doesn't matter how many instances are running on different computers, their only intersection point would be blackboard (which is supposed to scale well).
 - iii. It requires less security, because no information would be stored by the application, neither locally nor in a distant database. It would only send information to blackboard / create pdfs.
2. Website
 - a. The pros:
 - i. The possibility of centralizing all the data
 1. This is basically useless because blackboard is for this
 2. It also means that there should be different privileges to different user
 3. It would also require strong security
 4. It would, in the end, still require the data to be moved to blackboard
 - ii. It might be the will of the client to explicitly have a database which is a buffer between the marks and the blackboard. If this is the case such database should already exist somewhere, so the creation of a new database would be unnecessary, while integrating the old one might require knowledge which is hard to gain and access which may not be granted

My idea for the moment is to propose an application, which has placeholders for the number of the student and the number of the tutor, it has falling list of the closest marks for every part of the text (for example there is a label "Introduction" and next to it a falling list for the different kinds of introduction success, it may show also the mark corresponding to each). Also the app should have the ability to show the definitions of different words when they are pointed at with the mouse. In the end it would have the calculated mark.

When everything has been decided the app would create a pdf with the "anonymous" identifying information of the student and the tutor, then the mark which was achieved overall and in the end the

different marks and what they mean for every part of the essay. It can also be made pretty by adding nice coloring and the emblem of CELFS.

1. Additional idea: The app to be able to open the essay file in Word-like text editor in order to be able to read it on the computer and not in another window or even physically.