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Constraints:

1-95% of the students should be able to use all the VLA features with no longer than 1 hour of training.

2-The system should be developed using the following programming languages: HTML, CSS, JavaScript (for frontend), PHP and MySQL (for backend).

3- The system should utilize the services provided by the Moodle LMS whenever required by calling the corresponding Web Service from within the VLA client.

4-If the user does not perform any activity for 15 minutes, the VLA logs the user out of the system.

5-The reviews and comments submitted on the review section should comply to the code of conduct. The code of conduct implies that the student should be polite and respect all the rules and regulations of LAU university.

6-All reviews and comments that are given by the students should be anonymous.

7-The delay and response time between any consecutive operations especially those related to database transactions should not exceed 2 seconds.

8-Tracking study hours can run in parallel with any other feature of the VLA (for example the student should be able to take notes and watch lectures while the system track the hours of study).

9-The System shall allow users to open and engage in the VLA pages of the courses that they are registered in only.

10-The VLA system shall be compatible with well-known browsers.