Web Development Test

Centre for the Enhancement of Teaching and Learning
The University of Hong Kong
2021

RESULT

Participant: Kelvin
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Grading Criteria	Feedback
Documentation quality	Installation documentation (readme.txt) is clear and complete (Markdown file (.md) is a better option for readme file where you can use various text formatting) Good code documentation and bugs list is very useful for ongoing and future development
Naming convention	Clear and following JavaScript naming convention (lower camel case)
Application performance and reliability	Whole application runs well and no operational issue so far
Number of errors	#1 ERROR: relation "public.OC7Qsp4F" does not exist LINE 1: SELECT * FROM "public"."OC7Qsp4F" Error in elephantsql.com where the token query must be lower-cased but stored token is a random string with combination of lower and capital-letter characters. Example stored token value: OC7Qsp4F (This is an error at database side, not interface side)
General code quality	Well-written and easy to read. Indentation is used properly as well.

UI/UX Design	Clicking "Edit" survey in questionnaires table doesn't redirect into selected survey No question field label (Prompt, Input Type, and Input Specification) in question form Input specification can't be changed after selecting one out of two available options (1-10 & agree-disagree) There is no remove/delete question button when creating or modifying the questionnaire -> Mentioned in bugs list #9 Question list in JSON format (at the bottom of build a questionnaire form and survey display) should be disabled in production server Multiple choice should use radio button instead of checkboxes Empty responses should be prevented before submission (Use required field in the survey form) -> Mentioned in bugs list #16 "Submit" button should be removed when previewing the survey Questionnaire/Survey search should be a textbox where participant type the survey token instead of choosing a survey from a drop-down list
Data Integrity	When a survey (token: FULcfJBF) is deleted, it's removed in the database, but the result can be accessed in the frontend if I open it manually through address bar: http://localhost:5000/bd/admin-config/view-result/FULcfJBF The survey responses may persist after deleting a survey, displaying all responses regardless a survey is deleted or not. If you implement soft delete in the database, you may ignore this feedback.