Databases & Web Services Project 2023 Assignment 5

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Submission: by team, through git repository

Deadline: 2023-oct-19 23:59

Input Component

Implement a data input facility for the entities and relationships used by the queries chosen in the earlier homework. For team size N, choose 2*N entity sets and N relationship set which are connected in your UML diagram and implement their input pages. Build a central maintenance page which contains only a list of links to your input pages and reference this maintenance page from the navigation bar (something you probably wouldn't do in real life). Per entity/relationship this needs at least the following pages

- input form
- input feedback page - telling about success of the operation / errors occurred, plus backlink to the maintenance page

For entity input, simply read values for all attributes except the identifier which must be determined by the server-side script. To preserve referential integrity during relationship link input, include a link to a popup box for each reference, displaying a list of the possible references (by reading the whole corresponding entity table). Hence, for a binary relationship you will have to provide two popups with reference lists (plus any alphanumeric attribute the relationship may have). Display for each reference some unique meaningful attribute (such as the login name in a user table), not its internal id.

Hint: You may use some advanced framework for interaction or simply HTML <select>.

Submission:

- Website, accessible via Web browser in the project's Web directory
- Code, in the repository (suitably structured to allow finding components, such as this input code)