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SoftDev1 pd07

K #18: Are You Devo?

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A list of program components with role of each specified.

- File folder, with file content, <update history?>
- Database, which contains path/to/file containing content, name, tags, and maybe updates to accept
- Database, perhaps containing user content
- Database, perhaps displaying proposed changes, with path, name, tags, submitted user, etc
- Html template(s) for displaying each data, and search bar
 - May add user verification to lead to edit feature(jinja if?)
 - Edit feature could be different file with text displayed in form "value=" maybe
 - May redirect to log-in page if not logged-in???
 - Perhaps additional functionality
- Html template for displaying search results (not file entry, but list of names, tags, etc.)
 - Create feature may lead to empty edit feature, or with some different components, that will lead to file-creating functions in the end
- Authentication mechanism
 - Access user-content db, checks if not-logged-out,
 - Redirects to relevant page where logged in displays different result
- Utility: (may be moved elsewhere as seem fit)
 - file-"editing" method, file-creating method if needs one
 - Search method for info database, and displays relevant info, returns as iterable
 - File displaying method
 - User-verification method???
 - Change-entry verification method (latter add on?)
 - File deletion/overwriting

Explanation of how each component relates to the others.

1. File components are accessed via database(R), displayed via python-html(D)
2. Users are verified via the user database, and can edit files based on the website
3. Proposed changes can be made simply by copying file content into an text-input box, and allowing user to change, and creates new file at proposed file folder
4. Proposed changes can be reviewed by the moderator, and overwrites original file

Python search → db → file → edit → proposed changes → pc db

Website → user db → User → profile → pc db → proposed changes → edit → proposed changes

Moderator → pc db & file db → proposed changes & file → overwrite file &&|| delete pc → change pc db, f db

Database Schema

- Path to File database
- User database

- Path to proposed change database

A breakdown of the different tasks required to complete this project. Include assignments of each task to each group member

1. Basic tasks: path db, file display, search display (Qian)
 - a. Assignments: (when not enough job to be done, simplify, check and test errors, comment, modularize, etc)
 - b. If it is not possible to divide at each step, or progress therewith as it goes
2. Editing tasks: file"edit", file "create", <verification of change (or make it automatic at first)> (Maggie)
3. Authentication tasks: user db, login mechanism, conditional in file editing authority, <verification of change> (Rubin)
4. Additional features: verification of change, moderator power, more features as tag, rating, profile