TDP003 Projekt: Egna datormiljön

Systemdokumentation

Författare

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1 Revisionshistorik

Ver.	Revisionsbeskrivning	Datum
1.0	Systemdokumentation	151008
2.0	Rubriker tillagt. Interaktionsdiagram och översiktsbild tillagt. Lagt till flaskkoden som saknades.	151027

2 Katalogstruktur

MyPortfolio/
    doc/
        emelieol873-reflektionsdokument.pdf,
        kenbo736-emeol873-lofi.pdf,
        kenbo736-emeol873-testdokumentation.pdf,
        kenbo736-emeol873-tidsplan-v2.pdf,
        kenbo736-reflektionsdokument.pdf,
        log-file-data-test.txt,
        Systemdokumentation-kenbo736-emeol873.pdf.
        tredjeparttest-log-file.txt,
        utvecklartest-log-file.txt
    static/
        images/
            emelie.jpg, kenneth.jpg, error.png
        style/
            style.css,
            background.png,
            header.jpg
    templates/
        about.html,
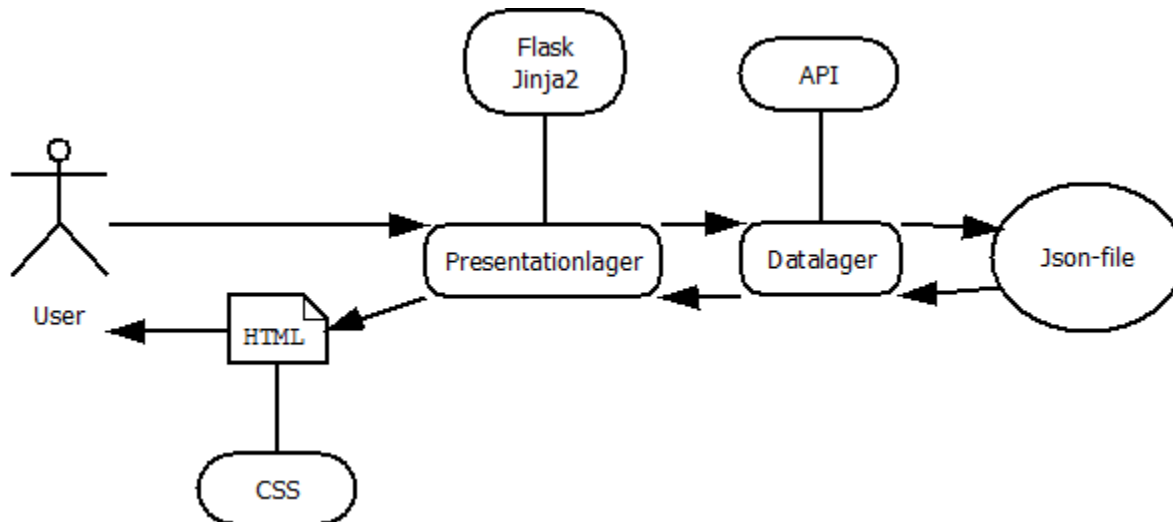   error.html,
        index.html,
        list.html,
        project.html,
        techniques.html
    testfiler/
        data.json, data-test.py
        README
        data.json
        myFlaskProject.py
        data.py

3   Översiktsbild

4   Data

load(filename)
Loads JSON formatted project data from a file and returns a list. Returns a list of all the project data from the read file, or None.

get-project-count(db)
Retrieves the number of projects in a project list. Returns the number of projects in the project list.

get-project(db, id)
Fetches the project with the specified id from the specified list. Returns a dictionary with the project with the specified id.

search(db, sort-by='start-date', sort-order='desc', techniques=None, search=None, search-fields=None)
Fetches and sorts projects matching criteria from the specified list. Returns a list with the projects matching the criteria given.

get-techniques(db)
Fetches a list of all the techniques from the specified project list. Returns a list of the techniques from the specified project.

get-technique-stats(db)
Collects and returns statistics for all techniques in the specified project list. Returns a dictionary of the statistics for the techniques in the specified project.

5   Presentation

@app.route('/')
The first page you see and also the homepage. Here an example project from the many projects is shown.

@app.route('/about')
A page about the people behind the portfolio with a photo and description.

@app.route('/project/<project-id>')
A page where all the different projects are displayed with a small photo of the project and short information. Clicking on a project leads to a new page where you can see all the information about the selected project.

@app.route('/techniques')
A page that lists all the techniques that are used in the projects.

@app.route('/<technique-id>')
The page that is shown when a technique is chosen. This lists all the projects that use the chosen technique.
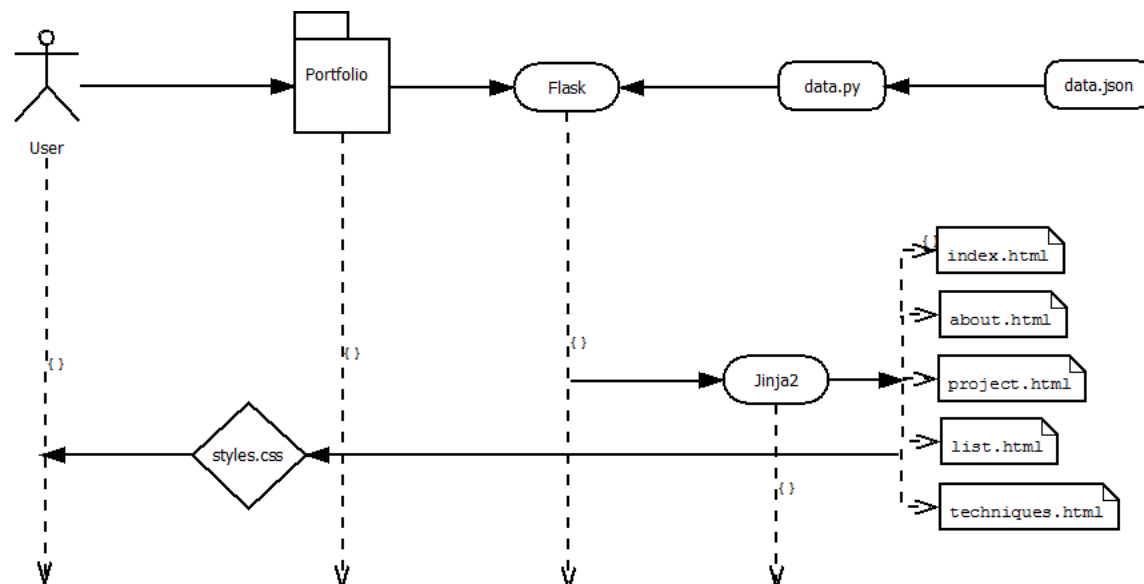
@app.route('/list', methods=[GET", POST"])
The search page that lists the projects with short description about every project and make it possible to sort them.

@app.errorhandler(404)
In case there is an error occurring it shows an error page with a message.

6 UML diagram

7 Links

7.1 API Specification

http://www.ida.liu.se/ TDP003/current/portfolio-api/data-module.html

7.2 System specification

https://www.ida.liu.se/ TDP003/current/resources/TDP003$_s ystemspecifikation.pdf$