

Multimedia Databases

Milestone 4

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1 Rationale behind design decisions

Our frontend is based on the Spring framework in combination with thymeleaf. The HTML itself contains only the necessary functions: the possibility to upload an image and an area for twelve similar images. The search results are retrieved using SQL within a JAVA class (Spring framework). The Oracle database then calls a REST web service, which checks for images and returns the twelve most similar ones including a percentage. Finally the images and their similarity percentage are displayed in the frontend.

2 Demonstration results

This was the chosen example image (9807.jpg):



This is the landing page:

Imaginator



Browse... No file selected.
UPLOAD & SEARCH

This is the result page:

Imaginator



Browse... No file selected.
UPLOAD & SEARCH



Score: 100%



Score: 92%



Score: 90%



Score: 89%



Score: 81%



Score: 81%



Score: 77%



Score: 76%



Score: 76%



Score: 74%



Score: 74%



Score: 74%