PRICE COMPARISON WEBSITE

REPORT

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Advanced Web Development with Big Data

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OBJECTIVE:

The objective here is to create a website that compares tuition fees of different courses of study between multiple universities across the globe. The idea of the website is to facilitate aspiring students to find the right university based on the financial resources. Instead of visiting multiple website the students can find the difference between multiple universities from one website.
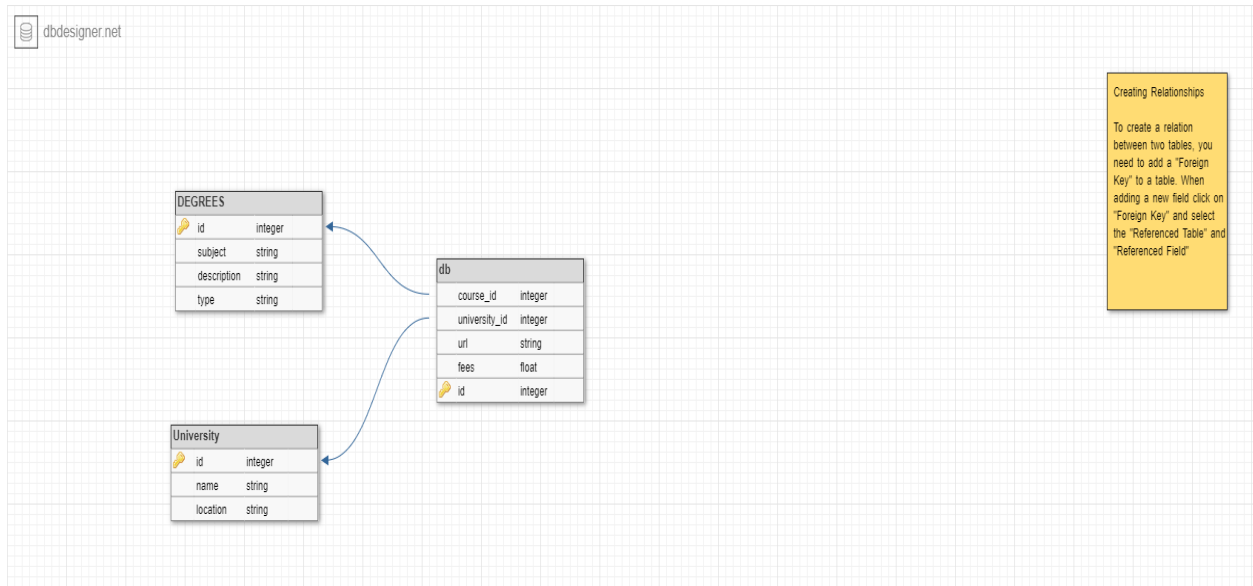
INTRODUCTION:

Website Design:

The website is designed to have dynamic single page each with its own functionality. It is expected to have three different web views. The landing page or Homepage which includes a search bar, which will help students to search for any courses or subjects. The Results view where users can select from the searched results. Once, the desired search result is selected it will switch to comparison view where the user will be presented with the list of universities and a comparison between the tuition fees and details about the course.

Database Design:

As it can been seen from the design below the entire database is distributed between three tables.

The "degrees" table contains the information of different degrees such as B.Sc Computer Science, M.Sc Computer Science etc. with their respective description.

The "university" table contains the information of different university with their location and name.

The "db_comparison" table contains the information cross referencing the degrees table and the university table along with the url and the fees for a given course in a particular university.

Screenshot Of Website:

Homepage:

UNIVERSITY COMPARISON WEBSITE

Search [   ] SEARCH

Subject : BA (Hons) Anthropology

University : Goldsmith

Location : London

Fees : 17370

[Compare]

Subject : BA (Hons) Anthropology & Media

University : Goldsmith

Location : London

Fees : 17370

[Compare]

Subject : BA (Hons) Anthropology & Sociology

University : Goldsmith

Location : London

Fees : 17370

[Compare]

Subject : BA (Hons) Anthropology & Visual Practice

University : Goldsmith

Location : London

Fees : 17370

[Compare]

Subject : BA (Hons) Arts Management

University : Goldsmith

Location : London

Fees : 17050

[Compare]

Subject : BA (Hons) Criminology

University : Goldsmith

Location : London

Fees : 17050

[Compare]

Subject : BA (Hons) Anthropology & Visual Practice

University : Goldsmith

Location : London

Fees : 17370

[Compare]

Subject : BA (Hons) Arts Management

University : Goldsmith

Location : London

Fees : 17050

[Compare]

Subject : BA (Hons) Criminology

University : Goldsmith

Location : London

Fees : 17050

[Compare]

Subject : BA (Hons) Curating

University : Goldsmith

Location : London

Fees : 17370

[Compare]

Subject : BA (Hons) Design

University : Goldsmith

Location : London

Fees : 21380

[Compare]

Subject : BA (Hons) Drama: Performance, Politics and Society

University : Goldsmith

Location : London

Fees : 17370

[Compare]

Subject : BA (Hons) Economics

University : Goldsmith

Location : London

Fees : 17050

Subject : BA (Hons) Economics with Marketing

University : Goldsmith

Location : London

Fees : 17050

Subject : BA (Hons) Education Studies

University : Goldsmith

Location : London

Fees : 17050

Search Results:

Comparison page:

Description : This degree is designed to equip you with a unique set of accounting and managerial skills to analyse and evaluate company and industry trends. You'll learn how to receive, interpret and communicate financial and other information in a globalised profession. Gaining a deeper understanding of how finances affect company performance, you'll be better placed to help firms make effective business decisions. Upon completion of the degree, students will be eligible to apply for eight CIMA (Chartered Institute of Management Accountants) exemptions and up to six ACCA (Association of Chartered Certified Accountants).

Link : https://www.westminster.ac.uk/accounting-and-finance-business-and-management-courses/2022-23/september/full-time/accounting-and-business-management-ba-honours

Type : Bsc

Fees : 14400

Subject : ACCOUNTING BSc Honours

University : WestMinster

Location : MARYLEBONE, CENTRAL LONDON

Description : This exciting specialist accounting degree is designed specifically to meet the needs of a talent pool for the changing accounting services sector. Education in this subject area is high in demand in a wide variety of sectors and industries where accounting specialists manage budgets, prepare financial and annual reports and also are involved at Board level to inform the development of strategy and guide business decisions. Our degree is the first step to becoming a qualified accounting professional with potential to develop a rewarding career in large and small firms as a consultant or in a business start-up.

Link : https://www.westminster.ac.uk/accounting-and-finance-courses/2022-23/september/full-time/accounting-bsc-honours

Type : Bsc

Fees : 14400

REST API:

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TECHNOLOGIES TO BE USED:

- Eclipse (Java and java Frameworks)
- Visual Studio Code (HTML, CSS, JavaScript)
- Chrome (Presentation and debugging)
- Ink Scape (Wireframes and design)
- XAMPP
- HeidiSQL (MySQL)

AUDIENCE:

This website will attract enormous aspiring student from throughout the world who takes interest in studying abroad, where they can compare different university of fame and global reach. The website will be focused on furthering the user experience and accurate information to be the prime priority.

TARGETS:

In order to assess the merit and standards of the project certain directives will be followed:

- Clear and easy navigation with efficient comments to aid with the updating and correction of the code if necessary.
- Audience congruous contents for targeted advertisement.
- User friendly and attractive design