

PRICE COMPARISON WEBSITE

REPORT

-Composed by-

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Advanced Web Development with Big Data

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Department Of Computer Science

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.

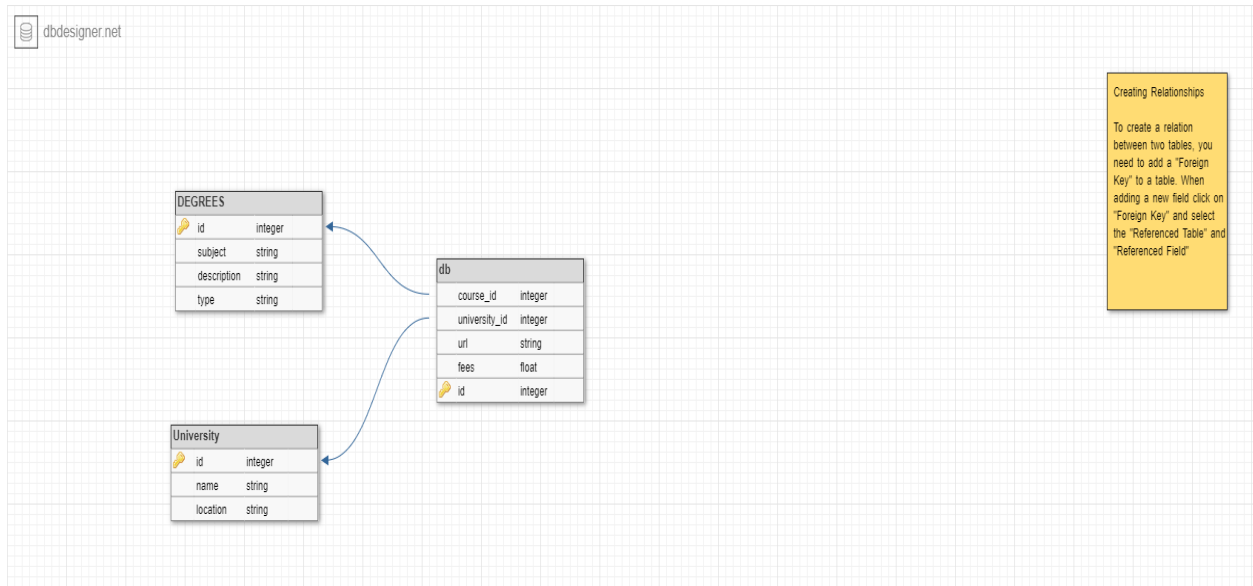
INTRODUCTION:

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 be 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

Compare

Subject : BA (Hons) Anthropology & Visual Practice

University : Goldsmith

Location : London

Fees : 17370

Compare

Compare

Subject : BA (Hons) Arts Management

University : Goldsmith

Location : London

Fees : 17050

Compare

Compare

Subject : BA (Hons) Criminology

University : Goldsmith

Location : London

Fees : 17050

Compare

Compare

Subject : BA (Hons) Curating

University : Goldsmith

Location : London

Fees : 17370

Compare

Compare

Subject : BA (Hons) Design

University : Goldsmith

Location : London

Fees : 21380

Compare

Compare

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

University : Goldsmith

Location : London

Fees : 17370

Compare

Compare

Subject : BA (Hons) Economics

University : Goldsmith

Location : London

Fees : 17050

Compare

Compare

Subject : BA (Hons) Economics with Marketing

University : Goldsmith

Location : London

Fees : 17050

Compare

Compare

Subject : BA (Hons) Education Studies

University : Goldsmith

Location : London

Fees : 17050

Compare

Search Results:

UNIVERSITY COMPARISON WEBSITE

Subject : ACCOUNTING AND BUSINESS MANAGEMENT BA Honours
University : WestMinster
Location : MARYLEBONE, CENTRAL LONDON
Fees : 14400
Compare

Subject : ACCOUNTING BSc Honours
University : WestMinster
Location : MARYLEBONE, CENTRAL LONDON
Fees : 14400
Compare

Comparison page:

UNIVERSITY COMPARISON WEBSITE

GO BACK

Subject : ACCOUNTING AND BUSINESS MANAGEMENT BA Honours
University : WestMinster
Location : MARYLEBONE, CENTRAL LONDON

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 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 : MARYLBONE, 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 in high demand in a wide variety of sectors and industries where accountants 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:

localhost8080/degrees

localhost8080/degrees

Apps | korolt | Login | Overview | Vue CLI | 5 Awesome Compo... | ML is Fun! Part 4: ML... | CST 3170 | FIX AI | Video | Reading list

["id":"1850","subject":"Information Technology Management for Business, BSc Hons","description":"Many of the world's most successful business leaders have studied engineering, so the mix of engineering and business offered on our information technology management for business course is a great start to your career journey. Designed with the help of leading companies, this degree will give you all the skills and experience you need to get ahead. nBased at our Midway Campus, this IT management course focuses on four areas: information technology, business management, project management and interpersonal and transferable skills. You'll emerge with the confidence to present, pitch and solve problems as well as hands-on experience from a placement or work experience.", "type":"BSc"), ("id":"1851","subject":"International Business (Extended), BA Hons","description":"Our extended degree in international business is identical to the three-year degree but includes a foundation year. The course covers international business management and strategy, internationalisation, trade and markets, and emerging economies - all essential if you're looking to start a successful business career with an international focus. nYou'll have two further opportunities: the first, to spend your second year on the Erasmus+ student exchange programme, the second, to undertake an optional placement year in an international organisation. nInternational business careers include banking and finance, IT, and logistics. Graduates from this course have joined companies such as PwC, JP Morgan, HP and Ericsson.", "type":"BSc"), ("id":"1852","subject":"International Business with Language, BA Hons","description":"The course addresses international business in theory and practice. You will explore business management and strategy, trade and markets, internationalisation, and emerging economies. You also learn about the socio-economic implications of international business, looking at ethics, corporate social responsibility, and emerging markets. nThis degree in international business with a language provides a thorough understanding of the issues faced in the international business world. To build your experience, you can spend your second year on the new Turing Scheme student exchange programme and/or take an optional placement year in an international organisation. nPopular international business with language careers include banking, finance, logistics, and IT. Our graduates have found roles with companies such as PwC, JP Morgan, HP and Ericsson.", "type":"BSc"), ("id":"1853","subject":"International Business, BA Hons","description":"This course covers the theory and practice of international business, exploring business management and organisational functions, international strategies, and different international business environments. We introduce you to the socio-economic implications of international business, looking at business ethics and corporate social responsibility, emerging markets, and economics. nOverall, this international business degree provides a critical understanding of the contemporary issues at work in the international business world. You'll have the opportunity to spend a year abroad on the new Turing Scheme student exchange programme and/or to take an optional placement year in an international organisation. nPopular careers for international business graduates include banking and finance, IT, and logistics. Our graduates have found roles with companies such as JP Morgan, PwC, HP and Ericsson.", "type":"BSc"), ("id":"1854","subject":"Landscape Architecture, BA Hons","description":"Our landscape architecture degree is the only course of its kind in London and is accredited by the Landscape Institute. Teaching takes place in our state-of-the-art Stockwell Street Building, which has extensive design studios, a living wall and green roofs for teaching and research purposes. nYou'll study a range of approaches to landscape design, from public spaces and waterfronts to town planning, urban development and regional strategies. As well as design studio work, you'll learn about the history and theory of landscapes, ecology, conservation, and digital communication. Your course portfolio will support employment opportunities in world-class landscape architecture practices around the world.", "type":"BSc"), ("id":"1855","subject":"Languages and International Relations, BA Hons","description":"You can expand your knowledge of culture and politics with our degree in languages and international relations. You can also study up to two languages, chosen from Mandarin, Spanish, French or Italian, at a level that suits you. This will enable you to take a final-year work placement in an international organisation. Taking part in an Erasmus+ student exchange is also an option. nOur languages and international relations graduates develop valuable transferable skills that are attractive to employers, including an ability to communicate across cultures. Possible careers include roles in national and international government, non-governmental organisations (NGOs), public services, management, education, business, tourism, PR, translation and media.", "type":"BSc"), ("id":"1856","subject":"Law (Extended), LLB Hons","description":"You will study essential areas of legal knowledge such as public law, land law, equity and trusts, contract law, criminal law and tort law. In your final year, you choose from a range of specialist modules, including commercial law, intellectual property law, financial services law, and international law. nWith links to a range of legal, and related, employers in London, you'll have - as a law student - access to a range of employability events, including talks and networking opportunities. You can also apply to assist volunteer lawyers on real cases at the university's Legal Advice Centre or apply to assist with the Innocence Project London.", "type":"BSc"), ("id":"1857","subject":"Law Senior Status, LLB Hons","description":"As well as teaching substantive law, this degree explores legal issues from a social, political, moral and economic perspective. nMuch like our other LLB courses, this senior status course is geared towards employability. With links to a range of legal, and related, employers in London, you'll have access to a range of employability events, including talks and networking opportunities. You can also apply to assist volunteer lawyers on real cases at the university's Legal Advice Centre or apply to assist with the Innocence Project London.", "type":"BSc"), ("id":"1858","subject":"Law in Practice, LLB Hons","description":"The LLB in Practice offers a range of legal knowledge, including contract law, criminal law, public law and human rights law, plus essential skills for the workplace. It covers the essential areas of legal knowledge such as English Legal System and Legal Skills, Criminal and Civil Procedure in Practice, Professional Ethics and Conduct, and Advocacy and Mooting. nThis law course is part of our new Elevate portfolio and has been designed with flexibility in mind. Classes take place on campus one day per week, with additional learning and support provided online. You can begin the course from September 2022. nSkills development is provided at each stage of the course to help you to develop your employability and technical legal skills. The course also has an optional sandwich year between your second and third years, where you can take an extensive work placement or study abroad. This helps you gain valuable transferable skills that employers are looking for, such as versatility, languages, and workplace experience.", "type":"BSc"), ("id":"1859","subject":"Learning Disabilities Nursing, BSc Hons","description":"Learning disabilities nurses play an important role in the health and well-being of people with learning disabilities, as well as their families and carers. They work in a variety of specialist settings and within generic services to provide support. nOur degree provides you with the skills to meet the needs of people with learning disabilities, including those with complex needs. You will experience practice-based learning in the community with patients, families and carers in south-east London and Kent. nWe prepare you to apply for registration in a learning disabilities nurse with the Nursing and Midwifery Council (NMC). Our course helps you achieve the outcomes identified in the NMC Realising Professionalism: Standards for education and training, Part 3 (2018) and Future Nurses: Preferences for registered nurses (2018). nAll nursing students on courses from September 2020 will benefit from guaranteed, additional support of at least £1,000 a year, which they will not need to pay back. See more information.", "type":"BSc"), ("id":"1860","subject":"Learning Disabilities Nursing, BSc Hons (Degree Apprenticeship)", "description":"Our pre-registration Learning Disabilities Nursing Apprenticeship Degree provides the knowledge, skills and confidence to work as a Registered Nurse. You will train to work as part of a team in a variety of health and social care settings with individuals, their families and carers, professionals and agencies. nYou will learn to enable people with learning disabilities and those who support them to develop knowledge and skills in meeting their specific health and other challenges. nOur apprentices will have a wide range of training opportunities and have an excellent reputation for delivering health and social care education. nThe course leads to a bachelor's degree (BSc Hons) over either three or four years of study at university and in the workplace. Please note that the 3-year course is full-time throughout the course. The four-year course is full-time in years one and two, part-time in years three and four. nApplicants should agree in advance with their employer Education Apprenticeship Lead which course they will be applying for.", "type":"BSc"), ("id":"1861","subject":"Marketing Management (Extended), BA Hons","description":"Our extended degree in marketing management starts with a foundation year to prepare you for degree-level study. After this, you will study the same modules offered on our three-year course. nThis degree covers the essential marketing principles you need for a successful marketing career. Modules include brand management, customer insight and social media, with the option to study specific fields of marketing consultancy.", "type":"BSc"), ("id":"1862","subject":"Marketing Management, BA Hons","description":"Based on essential marketing principles, our degree in marketing management provides the skills and knowledge you will need to start your marketing career. Modules include customer insight, brand management and social media analytics. Work on live briefs from businesses such as the Institute of Data and Marketing, providing you with practical experience using digital simulation games. nPopular career options for our marketing graduates include marketing management, branding specialist, marketing research and consultancy. Recent graduates have gained positions with companies such as Google, Coca Cola and QuinOne.", "type":"BSc"), ("id":"1863","subject":"Mathematics and Computer Science, BSc Hons","description":"Our mathematics courses are highly regarded, we are ranked 3rd in the UK in Mathematics for Student Satisfaction (Complete University Guide, 2022). Also, we are ranked 3rd in London overall. 1st for student satisfaction with the course, and also with feedback, and 2nd for student satisfaction with teaching (Guardian league table, 2022). nOur degree in mathematics and computer science is designed to develop your skills in advanced programming and software engineering as well as in mathematics and computing software tools. You will also explore logical analysis, deduction and mathematical modelling and gain the skills to apply these to computer systems. nThis degree also explores cutting edge topics such as machine learning and artificial intelligence, and provides students with the skills necessary to pursue careers in these exciting contemporary fields.", "type":"BSc"), ("id":"1864","subject":"Mathematics with Business, BSc Hons","description":"Our mathematics courses are highly regarded, we are ranked 3rd in the UK in Mathematics for Student Satisfaction (Complete University Guide, 2022). Also, we are ranked 3rd in London overall. 1st for student satisfaction with the course, and also with feedback, and 2nd for student satisfaction with teaching (Guardian league table, 2022). nThis includes our mathematics with business degree, which covers topics such as logical analysis, deduction, mathematical modelling, business processes and calculation. You will also learn to use some of the mathematical software packages to analyse data. nYou will gain a theoretical and practical knowledge of mathematics, enabling you to solve a range of complex business problems. Business is a major component of the degree and accounts for a quarter of your studies. nMany industries can benefit from graduates able to combine intellectual and mathematical abilities with business awareness and acumen, so our graduates can explore a variety of career options.", "type":"BSc"), ("id":"1865","subject":"Mathematics with Economics, BSc Hons","description":"Our mathematics courses are highly regarded, we are ranked 3rd in the UK in Mathematics for Student Satisfaction (Complete University Guide, 2022). Also, we are ranked 3rd in London overall. 1st for student satisfaction with the course, and also with feedback, and 2nd for student satisfaction with teaching (Guardian league table, 2022). nThey include our mathematics with economics degree, which will sharpen your ability to analyse and solve problems, and enable you to apply mathematics to real-life situations informed by economics. You will learn to use mathematical software and consider how economics-related problems can be solved through applied mathematics. nWith a new understanding of logical analysis, deduction, modelling and calculation, you will have the kind of skills and knowledge many employers are looking for. You will be ready to pursue careers in a range of business and financial roles.", "type":"BSc"), ("id":"1866","subject":"Mechanical Engineering, MEng","description":"You will study areas such as structural mechanics, electrical circuits, fluids and powder dynamics, and thermodynamics. The final year

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