



Database Management System Laboratory

Course Code: CSE 3522

Presented by

Team HAI

Project Name: University Review System

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Section: A

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Project Statement:

The aim of the University Review website is to provide a complete platform for users to search and contribute information on different universities in Bangladesh. Detailed evaluation and rating information on academic programs, faculties, facilities at the university as well as student life will be available on this website. The essential components and features, as well as an implementation plan to successfully develop and launch the University's review website are outlined in this project report.

Project Motivation:

The challenges and uncertainties that prospective students often face when choosing a university are the reason for the University Reviews website. There is a lack of central, user friendly and community-based approach to university information on the current Internet Platforms.

Project Solution:

Our goal is to make a user friendly website, where students from different cities can connect and gather information about their desired universities. Build a community collaboration, where students share their common interest in education. Provide detailed profiles for each university, including academic programs, faculty details, and campus facilities.

Project Overview:

In the rapidly evolving landscape of higher education, students face many difficulties in choosing the perfect university to fit their aims and aspirations. The project is designed to address this problem through the creation of an integrated online platform which provides students with information on different universities and enables them to make informed decisions about their educational journey.

Project Features:

It is possible to substantially improve user experience and give students valuable information through the features of our website. By adding few features, we ensure that,

1. **Search & Functionality:** Allow user to search for their desired university and shows them the basic information about the university.
2. **Diversity of data:** Our website will illustrate the diversity of information regarding each university, such as educational programs, tuition rates, campus facilities, faculty profiles and other exceptional elements that distinguish one institution from another.
3. **Comparison tool:** Shows user the ranking of the university and the user can compare the basic ranking and the QS-ranking and the THE-ranking of every university.
4. **User-Friendly Interface:** In order to ensure that students are able to navigate through a wide selection of information and find out what universities they like, the website will have an intuitive and user-friendly interface.
5. **User Reviews:** Students from the universities can give reviews about their university and guide the freshmen about the university.

Technology:

For Front-end Development:

- **CSS3:** Cascading Style Sheets (CSS3) is a crucial web technology that plays a fundamental role in the presentation and styling of web pages.
- **JavaScript:** For structuring content, styling and add interactivity.

For Back-end Development:

- **PHP:** The PHP will be inserted into HTML code and run on the server, generating an interactive content that is exported to a client's web browser.

Database:

- **MySQL:** An open-source RDBMS widely used for its performance and scalability.

Limitation:

- **Data Accuracy:** The data source of our website is the websites of numerous universities, so it is technically infeasible to update the data frequently.
- **Dependency:** We take data from various websites and any disruptions of those data can impact the quality of our website.
- **User Review:** User reviews may differ according to their experiences, so it is essential to summarize the data subjectively.

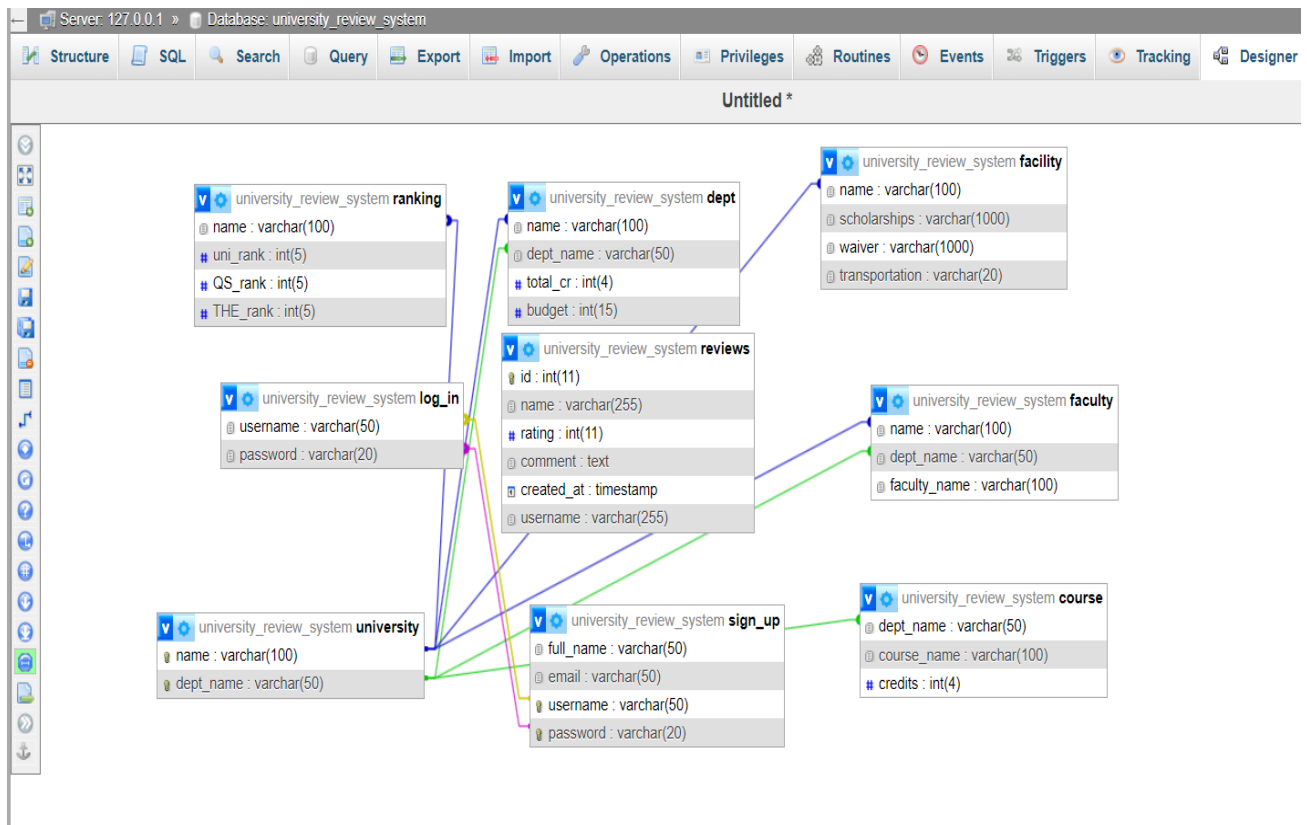
Future Work:

- **Enhance Interactivity:** Make an interactive feature, such as virtual reality campus tour which will give you a tour of your desired university.
- **Machine Learning:** Add machine learning algorithm which will recommend students and assist them to explore the website.
- **Build Community:** Students can connect and share their experiences directly on the platform.

Life-Long Learning:

- **Research and Information Gathering:** We had to gather information from Multiple websites and research for our requirements.
- **Web Developing Skills:** We developed an enhanced website to present our data.
- **Data Management and Database:** Identify and collect relevant data that meets our criteria and manage the data.
- **User Experience (UX) Design:** Influencing user interaction with the platform and perceive the information present about universities.
- **Project Management:** Clearly define the scope of the project, outline the objectives and features.

Database Design:



Screenshots of the project:

University Departments

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Select Department

CSE

University Name	Department Name	Total Credit	Budget
Ahsanullah University of Science and Technology	CSE	170	834500
American International University of Bangladesh	CSE	148	1031000
Daffodil International University	CSE	155	931800
East West University	CSE	140	812000
Independent University of Bangladesh	CSE	143	1098000
Islamic University of Technology	CSE	150	1540000

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Welcome to the University Review System!

"Find your desired university more easily and faster"

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Select Department

Select Department

BBA

CSE

ECO

EEE

ENG

PHARM

	Course Name	Credit Hours
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Select Department

CSE

Department Name	Course Name	Credit Hours
CSE	Intensive English 1	3
CSE	Intensive English 2	3
CSE	Society, Environment and Engineering Ethics	3
CSE	History of the Emergence of Bangladesh	2
CSE	Economics	3
CSE	Introduction to Sociology	3

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Full Name:

Email:

Please use your university email only!! For example: xyz@uiu.ac.bd

Username:

Password:

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Ranking Table

University Name	Uni_Rank	QS_Rank	THE_Rank
BRACU	1	1001	800
North South University	2	851	830
Daffodil International University	3	1203	1132
American International University of Bangladesh	4	1277	1369
Independent University of Bangladesh	5	1362	1455
Ahsanullah University of Science and Technology	6	1456	2344
East West University	7	1250	1835
United International University	8	1270	1998

Conclusion:

It's not just our website, but an interactive tool to guide students through the complex selection process for a university of their choice. The website provides students with a wide variety of information in an easy-to-understand format, enabling them to learn new things and contribute to their success in the pursuit of Higher Education.