Database Management System

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ABSTRACT

The need for structured storage, modification and maintenance of huge amounts of data has resulted in the emergence of the Database Management System (DBMS) as one of the core fields in the Computer Science industry. DBMS is the system of computer software that is aimed to provide a managing tool for maintaining the data, through various data models.

Course registration system to help student to gather information about a particular course and then they can easily register them self in a particular course.

The system provides a real-time, complete platform for online course enrollment at a University.
There are two types of users for this system admin and students. Based on their user role stored in the database, users can access their respective resources.

➢ System will allow the registration of students in particular course
➢ System has inbuilt validation system to validate the entered data after successful submission, system will give unique registration no. for each student.
➢ Student can login into system by using username and check the details of course, faculty and department

The purpose of implementing this project is to understand the data modelling concepts that is
used in a real time scenario and to implement a fully functional database system which interacts with a front end interface.

The main aim of the project is to learn the intricacies of modelling the database with the database with the given requirements and using a web based interface to interact with the backend keeping in mind the data consistency and the stability of the entire system

Student Priviledges	**Admin Priviledges**
View currently enrolled courses	View all courses offered by the University
View courses taken in the past	Add new courses to the catalog
Add courses to Cart	Remove courses from the catalog
Delete courses from Cart	Register courses for a particular user
Register Courses	Drop courses for a particular user
Drop Courses	
View course schedule for the current semester	

Tools Used: My SQL, PHP, HTML, CSS, JS