Database Management Systems (CSE2004) – J Component Details

Project Title: Gym Management System

Project Abstract:

Any business that does not have its own website is lacking of one of the most powerful marketing skills that is available to them in today's day and era. A customer greatly benefits form the information and facilities that are provided in the form of an easy to use and comprehensible websites. Usually, it is seen that the client makes use of software such as MS Excel or paper, to maintain their records, however it is not possible them to share the data from multiple system in multi user environment, there is lot of duplicate work, and chance of mistake. When the records are changed they need to update each and every excel file. This dependency of the user on a virtual platform led us to our project idea. Through this project we plan to create an interactive interface based on a Gym Database that the user can exploit to gain information regarding the services provided by a certain gym. We as a team plan to integrate database creation software such as MySQL, Oracle SQL, PostGreSQL with frontend development languages such PHP, JavaScript, HTML, and CSS to produce a website environment based off of web-based servers. We will also incorporate into our project the concepts of web scrapping, enhanced entity relationships, multilevel indexing, etc. Our Gym Management System eliminates most of the limitations of the existing software along with increasing efficiency and effectiveness, automation, accuracy, user-friendly interface, information availability, communication capacity, maintenance, cost reduction makes our system smarter than most of the existing system.

Team Members:

Team Members	Register Number	Roles
Aman Anand (Team Lead)	19BCE0521	Frontend Development via PHP/JavaScript + Architecture analysis of the Database + Backend Development using MySQL/Oracle SQL/PostGreSQL
Ayush Khare	19BCE0498	Data Accumulation + Backend Development of

		Database via MySQL/Oracle SQL/PostGreSQL
Lokesh Mishra	19BCE2672	Frontend Development + Web Scrapping + Backend Development via MySQL/Oracle SQL/PostGreSQL
Rayirth Reddy	19BCE0529	Data Accumulation + Backend Development of Database via MySQL/Oracle SQL/PostGreSQL

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