Abstract

Automation has gained universal popularity these days. This paper lays emphasis on a web-based department automation system which is currently under development process and is primarily aimed at keeping track of faculty details and records. Also, another fundamental aspect considered is the reduction of overall paperwork involved. The application is designed at providing systematic, well planned and well organized working environment for the faculty of institution. Concept of modern-day technologies like data mining and web technology are the understructure of the system. The system focuses at overcoming the drawback of existing method by reducing errors and mistakes in record keeping as data is stored digitally. Computation of queries is processed swiftly to fetch data from a massive database. The application is designed using Eclipse (kepler version), Apache Tomcat server 7.0 along with wamp server to host the database locally. J2EE, JSP along with Html have been used for designing the user interface whereas MySQL database is used for storing data.
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Index Terms

   Computer Science  Security
Keywords

Automation, Web Technology, Data Mining, J2EE, MySQL, Faculty