**DATABASE MANAGEMENT AND SYSTEMS PROJECT SYNOPSIS**

**Batch No:** B1  **Date:** 26th September,2018

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| **Project Title:** Proof Of Concept of Blockchain using SQL | | | |
| **Brief description:**  1.Previous results:Students can view their previous semesters results.  2.Current Results:Students can view their current semesters results(includes CIE and Sem End marks), as soon as it is updated a mail is sent.  3.Seating arrangements:The students are sent a mail regarding his/her seating in the examination hall.  4.Time table:The students are sent a mail of the time table of internals and examination.  5.Previous Question Papers: Students can view and download previous internals and examination question papers.  6.Provisional Marks card: Students can download their provisional marks card.  7.Update marks:Teachers can update students marks.  8.Teachers can Upload Question Papers, generate Seating Arrangement and Time table.  The principles of Blockchain are used to ensure data security, integrity and consistency. This is done by adding the attributes of a block in a blockchain to the tables in the database.  **Objective:**  Our application is user-friendly and bridges the gap between students and the examination procedure.  **Software requirements:**  We are using HTML and CSS for the front end. The backend is powered by MySQL. Flask is used to connect the frontend and backend, and also acts as a server. Programming is done using Python and its modules like MySQL and Flask.  Operating System : Windows, Linux(Unix) | | | |
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