Department Of Information And Communication Technology

Report On

Participative Learning

SUBJECT: - MCA-107 Database Management Systems

Activity   : Group Discussion
Subject   : **MCA-107 Database Management Systems**
Department   : Department of ICT
Faculty in Charge : Dr. Shalini Goel

Participants   : MCA- 1st year students
Date: : 22/11/2023

Objectives:

- Ensure participants have a clear understanding of fundamental key concepts in DBMS, including primary keys, foreign keys, unique keys, composite keys, super keys, and candidate keys.

- Explore the role and significance of different types of keys in a database.

- Discuss how keys contribute to data integrity, uniqueness, and relational database design.

- Relate key concepts to real-world scenarios and applications.

- Discuss examples from various industries to illustrate how keys are used to establish relationships between tables and maintain data consistency.

- Discuss practical aspects of implementing keys in database design.

Execution of Activity:

Discussion began with the introduction of various types of databse keys and continued with exploring the difference between each of them. The discussion included real time scenarios and importance of using different typs of keys in real world projects.

Learning Outcomes:

- Participants should gain a thorough understanding of various types of keys in Database Management System (DBMS), including primary keys, foreign keys, unique keys, composite keys, super keys, and candidate keys.

- The group discussion should enable participants to apply key concepts in real-world scenarios. They should be able to identify situations where specific types of keys are most suitable, and understand how these keys contribute to data integrity, consistency, and efficiency in database management.

- Participants should develop problem-solving skills related to key selection in database design. The group discussion should encourage critical thinking in evaluating different scenarios, helping participants make informed decisions about choosing appropriate keys based on specific database requirements. This outcome promotes a practical and hands-on understanding of key concepts.

- A successful group discussion on DBMS keys should foster a collaborative learning environment. Participants should enhance their communication skills by actively engaging in discussions, asking questions, and articulating their thoughts. The exchange of experiences and insights among participants contributes to a richer understanding of the topic and promotes a collaborative approach to problem-solving in database design.

Photograph:

List of participants:

S.No.	Enroll.No.	Name
1	00117004423	Bhavya Choudhary
2	00217004423	Hitesh
3	35217004423	Harshit Bansal
4	70117004423	Himanshu Tyagi

Shalini

Course Faculty (Dr. Shalini Goel)

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List of participants:

S.No.	Enroll.No.	Name