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DEPARTMENT OF INFORMATION TECHNOLOGY

Collaborative Learning

Academic Year 2022-2023 Odd Semester

Degree, Semester & Branch	: IV Semester B.TECH.IT
Course Code & Title	: JCS1302 Database Management Systems
Name of the Faculty member	: MS.Aishwarya S AP / IT

Innovative Practice: Technical Connection Game
Topics: Learning the basic technical terms in DBMS

Date: 09.01.2020

Objectives:

- **O1:** To encourage the students to think, identify the basic terminologies in DBMS.
- **O2:** To improve the communication skills of the students.

Justification for choosing this topic:

To make the students to understand the basic terms related to Database Management Systems. The prime objective of this technical connection game is to promote interest among the students and to make them participate in this discussion of identifying the technical terms. This activity also ensures the students (even weak students) to participate enthusiastically in identifying the technical terminologies in the subject and recollect the definition of the technical terms and understand the concepts very clearly.

Procedure of this Technical Connection game:

- Decide upon the text or subject topics to be covered and identify the technical terms in those topics.
- Populate with a set of images relevant to the words (technical terms) that should be identified. Each term can be identified with a set of images.
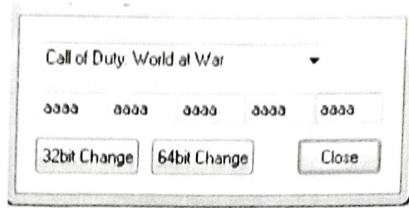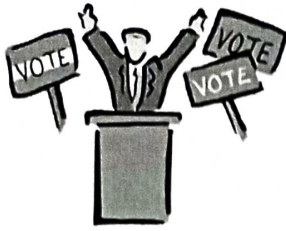
Activity:

- The images are provided in the Power point slides and display. The students should identify the images and connect those words to find the technical terms.
- After identifying the technical word, any individual should share the points/definition and related content on that technical word and share it to all the students.
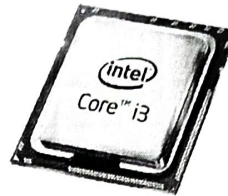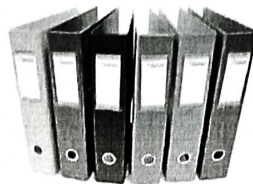
Outcome of this Activity:

- It helps students to think identify the technical terminologies in the subject and recollect the definition of the technical terms.
- It motivates the students to build oral communication skills.
- It helps focus attention and engage students actively in the technical connection game.

Samples of the activity:


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Call of Duty. World at War          ▼

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CANDIDATE KEY

FILE PROCESSING SYSTEM

Relevance Mapping - This activity helps in attaining the following Objectives – PO mapping:

Course Outcome / Programme Outcome	PO1	PO2	PO3	PO9	PO10	PSO
O1 - To encourage the students to think, identify the basic terminologies in DBMS	3	1	1	-	-	1
O2 - To improve the communication skills of the students	-	-	-	3	3	2

Reflection Critique

Challenges:

- Students can identify the technical words but felt difficult in reproducing the definitions.
- Some students in the team did not participate actively (very few). Same student repeatedly answered few questions.
- Individual assessment/observation was difficult.

Steps taken for address the challenges:

- After identifying the technical word, few hints are provided to the student to come up with the definition.
- I motivated the students who did not involve in activity.
- To observe the understanding of individual student, at the end of the session, I asked few students to answer some of the definitions.

Prepared by:

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