



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University) Established by U.G.C. Act, 1956



School of Computing
Department of Computer Science & Engineering
(Artificial Intelligence and Machine Learning)
ACADEMIC YEAR 2025-26 (SUMMER SEMESTER)

LAB RECORD NOTEBOOK

10211CA207 - DATABASE MANAGEMENT SYSTEMS

NAME: R. Akshitha
VTU.NO: 29072
REG.NO: 24UECL0045
BRANCH: CSE (AIML)
YEAR/SEM: II / IV
SLOT: S10L12



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BONAFIDE CERTIFICATE

NAME : R. Akshitha

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Certified that this is a bonafide record of work done by above student in the "10211CA207-DATABASE MANAGEMENT SYSTEMS LABORATORY" during the year 2025-2026 (Summer Semester).

R.T. Thiyagarajan 31/10/25

SIGNATURE OF LAB HANDLING FACULTY

[Signature]

SIGNATURE OF HOD

Submitted for the Semester Practical Examination held on 04.11.25 at
Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology.

INTERNAL EXAMINER

EXTERNAL EXAMINER

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3.	07/08/25	Developing queries with DML Single-row functions and operations	8-11	17	<i>[Signature]</i> 7/8
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11.	09/10/25	CRUD operations in Graph databases	40-43	19	<i>[Signature]</i> 9/10
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Completed

Total Marks: *217* / 240

R.T. Thapa
Signature of Faculty

24/7/25

Lab 1

Task 1

A temple ticket online booking management system

A temple ticket online booking management system allows devotees to book tickets for temple visits, special darshan, poojas, and other events online, reducing physical queues and improving crowd management. These systems often include features like date and time slot selection, Payment processing and the generation of tickets or passes.

Entity:

The real-world object or concept that can be definitely identified. examples included students, courses, or products.

Entity set:

A collection of entities of the same types. for instance all students in a university would form an entity set.

Attributes:

A property or characteristic of an entity. for example, a student might have attributes like name, ID and major

Relationships

An Association or interaction between two or more entities for example, a student might enroll in a course. establishing a relationship between the "student" and "course" entities.

Diagram :-

