



# DBMS PROJECT

DATA ENGINEERS (Group 1)



# CONTENTS

1. **Aim**
2. **Motivation**
3. **Scope**
4. **Software Requirements**
5. **Timeline**



## AIM

This project provides an overall understanding of theoretical and practical concepts of DBMS, this project help us in learning advanced modelling, normalization, transactional relational database design, SQL and Procedural language and SQL coding. In this project we get an experience to work on 'MYSQL WORKBENCH'.



# MOTIVATION

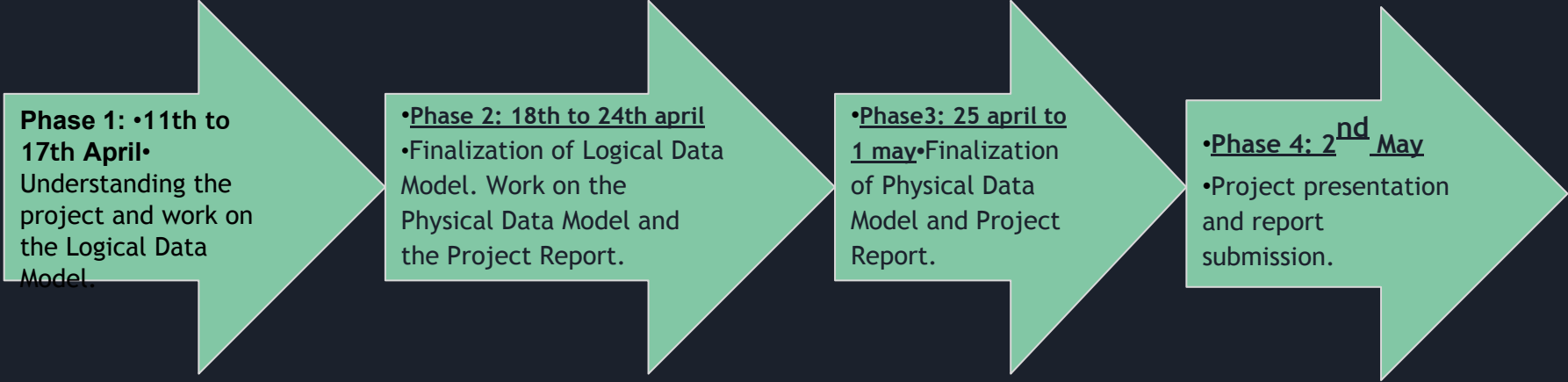

The motivation of this project is to gain comprehension as well as practical experience in advanced entity modelling, normalisation, transactional relational database design, SQL , and generation of database management reports.



## SCOPE

The scope of this project is restricted to a database administrator or a software engineer who is well-acquainted with the concepts of Database Management Systems (DBMS), and who has basic knowledge of python along with that can write queries to retrieve data from database. In this project, the entire database in MySQL Database has been implemented. For better understanding of project, basic knowledge of MySQL Workbench and MySQL Server is essential .

# TIMELINE



**Phase 1: •11th to 17th April•**  
Understanding the project and work on the Logical Data Model.

•Phase 2: 18th to 24th april  
•Finalization of Logical Data Model. Work on the Physical Data Model and the Project Report.

•Phase3: 25 april to 1 may•Finalization of Physical Data Model and Project Report.

•Phase 4: 2<sup>nd</sup> May  
•Project presentation and report submission.



# OUR TEAM

**The team working on this project consists of the following students**

- 1)Aakash Chaurasia (20BCS001)
- 2)Abhishek Dubey (20BCS002)
- 3)Aditya Sushil Tiwari (20BCS007)
- 4)Pruthviraj Digambar Kamble (20BCS104)
- 5)Tushar Dhotre (20BCS042)
- 6)Ankit Kumar (20BCS017)
- 7)Anup Jujagar (20BCS065)
- 8)Kartik Bhamare (20BCS066)
- 9)Devansh Mahant (20BCS039)
- 10)Mahendra Singh Puniya (20BCS082)