

# Meeting Minutes - DAY 7

Meeting Topic	Date	Time
Reviewing Progress And Addressing Challenges In Database Schema Development	02/05/2024	11:30 AM to 1:00 PM
Company	Location	Mode
FUTURENSE	Jain University - SET	Online: Via Zoom

ATTENDEES
<ul style="list-style-type: none"><li>FUTURENSE TECHNOLOGIES</li><li>SPEAKER: MR. AKASH DAS</li><li>2ND YEAR STUDENTS OF CSE - ARTIFICIAL INTELLIGENCE &amp; DATA ENGINEERING OF JAIN UNIVERSITY SET: FROM USN: 22BTRAD001 -22BTRAD030</li></ul>

## AGENDA

- DATABASE SCHEMA DESIGN: IDENTIFYING CONSTRAINTS, ENSURING FOREIGN KEY INTEGRITY, AND ENABLING HIERARCHICAL STRUCTURES.
- DISCUSSION ON CHALLENGES FACED AND SOLUTIONS TO BE
- IMPLEMENTED
- INTRODUCTION TO MOM
- KEY COMPONENTS OF MOM

## DISCUSSION

- CLARIFY THE PURPOSE AND IMPLICATIONS OF THE FOREIGN KEY CONSTRAINT.
- REVIEW THE NECESSITY OF THE "REPORTSTO" COLUMN AND ITS ROLE IN THE TABLE.
- DISCUSS THE IMPORTANCE OF MAINTAINING REFERENTIAL INTEGRITY THROUGH FOREIGN KEY CONSTRAINTS.
- EXPLORE HOW HIERARCHICAL STRUCTURES IMPACT ORGANIZATIONAL OPERATIONS AND REPORTING RELATIONSHIPS.
- IT'S BEEN ACKNOWLEDGED THAT CLEAR, CONCISE NOTES ARE ESSENTIAL FOR EFFECTIVE COMMUNICATION AND ACCOUNTABILITY.
- WE'VE AGREED TO THOROUGHLY DISCUSS HOW TO MANAGE MEETING MINUTES, INCLUDING DETAILING DISCUSSION TOPICS AND NOTING DECISIONS MADE.

## DECISION

- FINALIZE THE INCLUSION OF THE "REPORTSTO" COLUMN IN THE TABLE DESIGN.
- APPROVE THE IMPLEMENTATION OF FOREIGN KEY CONSTRAINTS TO ENSURE DATA CONSISTENCY.
- ENDORSE THE USE OF HIERARCHICAL STRUCTURES TO REPRESENT REPORTING RELATIONSHIPS.
- ESTABLISH A STANDARD FORMAT FOR MEETING MINUTE AND CREATE ONE FOR TODAY'S SESSION.

## ASSIGNMENTS

- ASSIGNED STUDENTS: DEVELOP DDL STATEMENTS FOR TABLE CREATION BASED ON THE ER DIAGRAM'S SPECIFICATIONS.
- IT HAS BEEN ASSIGNED TO THE STUDENTS TO DRAFT A DOCUMENTATION PROTOCOL OUTLINING THE FORMAT AND CONTENT GUIDELINES FOR MEETING MINUTES.
- THE STUDENTS HAVE BEEN TASKED WITH CREATING A STANDARDIZED TEMPLATE FOR RECORDING MEETING MINUTES THAT INCLUDES SECTIONS FOR DISCUSSION POINTS, DECISIONS, AND ACTION ITEMS.
- MENTORS: PROVIDE SUPERVISION AND ASSISTANCE THROUGHOUT THE PROJECT, ENSURING ADHERENCE TO REQUIREMENTS AND BEST PRACTICES.

## ACTION ITEMS

- STUDENTS ARE TASKED WITH CREATING DDL STATEMENTS BASED ON THE PROVIDED ER DIAGRAM.
- UTILIZE ALTER TABLE COMMANDS TO ADD FOREIGN KEY CONSTRAINTS TO THE TABLES.
- BEGIN BY CREATING TABLES WITHOUT FOREIGN KEYS, ADHERING TO THE SPECIFICATIONS OUTLINED IN THE ER DIAGRAM.
- IMPLEMENT THESE TASKS USING VISUAL STUDIO CODE (VS CODE) AS THE DEVELOPMENT ENVIRONMENT.
- INTEGRATE THE CODE AND PROJECT FILES INTO GITHUB REPOSITORIES FOR VERSION CONTROL AND COLLABORATION.

## NEXT MEETING

SCHEDULED FOR 03/05/2024 FROM 11:30 AM TO 1:00 PM AND 2:00 PM TO 3:00 PM.