

# 01

02

03

04

05

#### **INTRODCTION**

Brief overview of the UCMS project

#### **NORMALZED TBLES**

Overview of normalized tables in the UCMS database

#### **USER INTERFACE DESIGN**

Overview of user interface design for UCMS

#### **REFERENCES**

references

#### **CONCLUSION**

Summary of UCMS project accomplishments

# CONTENTS

#### CONTEXT

The University Course Management System (UCMS) project aims to revolutionize academic administration by providing an integrated platform for students, faculty, and administrative staff. Through streamlined processes for course enrollment, grade management, and reporting, UCMS enhances efficiency and transparency in university operations, ultimately enriching the academic experience for all stakeholders.

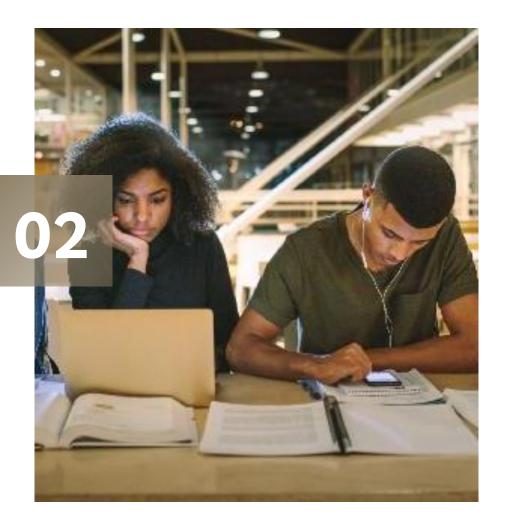




# INTRODUCTION

Brief overview of the UCMS project

• **Objectives**: Streamline course-related activities for students, faculty, and administrative staff



# NORMALIZED TABLES

Overview of normalized tables in the UCMS database

- Normalization: Tables designed to 3NF with integrity and domain constraints
- Table Definitions: Detailed documentation of table structures and attributes (provided in project report)

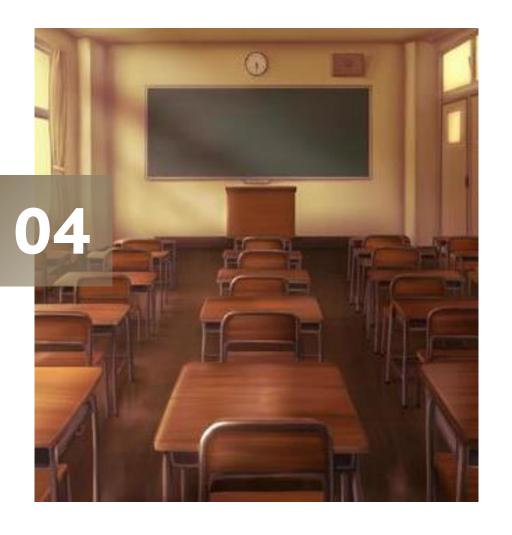


# USER INTERFACE DESIGN

Overview of user interface design for UCMS (future enhancements)

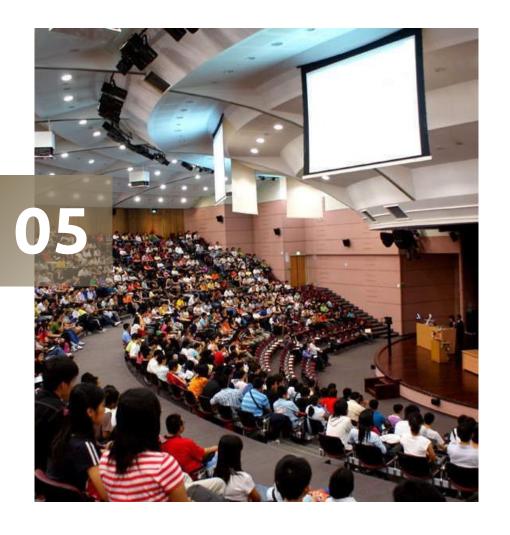
**Forms:** Input forms for student enrolment, course creation, etc.

- **Reports:** Generated reports for grade submissions, enrolment statistics, etc.
- Triggers: Implemented triggers for automation and business rule enforcement
- User Roles: Different interfaces tailored to student, faculty, and administrative roles



## REFERENCES

- List of references used in the UCMS project
- Korth, H. F., & Silberschatz, A. (2006). Database System Concepts (6th ed.). McGraw-Hill Education.
- Elmasri, R., & Navathe, S. B. (2016). Fundamentals of Database Systems (7th ed.). Pearson.
- Connolly, T., & Begg, C. (2014). Database Systems: A Practical Approach to Design, Implementation, and Management (6th ed.). Addison-Wesley.



## CONCLUSION

Summary of UCMS project accomplishments

- Success Factors: Thorough analysis, comprehensive design, and meticulous implementation
- Impact: UCMS delivers a user-friendly and reliable platform for academic management
- Appreciation: Thanks to team members, and peers for their contributions and feedback