IT 352: Project
(BIM 6th Sem)

Course Description:
The Project represents the culmination of study within the Bachelor of Information Management. The project course provides students the opportunity to apply both theoretical and practical aspects learned to develop a real-world software application. Main focus will be given in enabling students with the skills pertaining to the planning, analysis, design, and implementation of a real-world application. The project can be done in groups preferably with **TWO** members in each group. The emphasis is necessarily on facilitating student learning in technical and project management spheres.

Course Objective:
Up on successful completion of this course, students will be able to:
1. Develop real-world software application
2. Learn to develop high-quality project report
3. Develop technical knowledge in software development
4. Learn to manage time and resources
5. Learn effective team skills

Phases:
The overall project work is divided into three phases, proposal defense, pre-defense, and final defense.
1. **Proposal Defense**
   Each student must prepare a document in the prescribed proposal format proposing a specific plan for her or his project work. This document is expected to make a convincing case that the proposed project work is likely to make an original contribution. Students must present their project proposal in the college. Once accepted, students can start their project work under the supervision of a supervisor assigned from the college.
2. **Pre-Defense**
   Each student must prepare draft of the project report and present this report in the college before final defense. Once approved, students will be allowed to participate in the final defense.
3. **Final Defense**
   During final defense, each student must prepare a final report in the prescribed format and present this final report. Students are expected to explain the project work justifying the methods employed and the conclusions reached. An external examiner will be appointed from the Dean Office for the final defense.

Proposal Contents:
- Title Page
- Introduction
  - Introduction
  - Problem Statement
  - Objective
  - Development Methodology

- Methodology
  - Requirement Identification and Feasibility Study
  - Related Work / Literature Review
  - Analysis and Design Tools
  - Implementation tools (Front End, Back End)
- Expected Outcome
- Project Schedule
- References

Report Contents:
- Title Page
- Student's Declaration
- Supervisor's Recommendation
- Approval Sheet
- Acknowledgements
- Abstract
- Table of Contents
- List of Figures
- List of Tables
- List of Abbreviations
- Introduction (Chapter I)
- Related Work / Literature Review (Chapter II)
- Analysis (Chapter III)
- Design (Chapter IV)
- Implementation (Chapter V)
- Conclusion and Recommendation (Chapter VI)
- References
- Appendices

Evaluation:
Head / Program coordinator, Supervisor, Internal examiner, and External examiners will evaluate the overall project work. Marks allocation for overall evaluation is as follows
- Supervisor – 50
- Internal Evaluator – 10
- Head / Program Coordinator – 10
- External – 30