

# Global Reciprocal Colleges

College of Computer Studies

## System Integration and Architecture 1

### Project Documentation Format

1. Acknowledgements and Dedication
2. Table of contents
3. Student – Company Engagements (letters, visits, virtual meetings, etc)
4. Introduction – describes the course objectives, technological trends, and the reasons behind choosing the target system as study material
5. Scope and Objectives – serves as the capsulated project information
  - a) *Project name and description*
  - b) *Project objective and deliverables*
  - c) *Project scope – features and functions of the target system and the different activities needed to finish the project*
  - d) *Projects constraints – limitations and conditions based on time, cost and change management*
6. Company Profile – basic information, business functions, organizational structure and business philosophy
7. Existing System – characteristics and processes
8. Statement of the Problem – describes the problems encountered in the existing system that will be addressed by the proposed system
9. Proposed system
  - a) *Characteristics and processes*
  - b) *Functional decomposition diagram*
  - c) *System flowchart*
  - d) *Data flow diagram (DFD-0, DFD-detailed)*
10. Prototypes – screen layouts of the target system
11. Cost & Benefit Analysis
  - a) *Development cost*
  - b) *Comparative benefit justification (cost-based or output-based)*
12. Appendix
  - a) *Definition of terms*
  - b) *Database Structure*
  - c) *Exhibits - forms and deliverables (comparative - existing vs proposed if possible)*
13. Group profile
  - a) *group picture*
  - b) *course testimonials*
  - c) *individual curriculum vitae,*
  - d) *pictures during feasibility study and company visits*