*Florida International University*

*School of Computing and Information Sciences*

CIS 4911 Senior Capstone Project – **Software Engineering Focus**

**Format of Deliverable 1 - Feasibility Study and Project Plan**

**The bullets represent the sections before chapter 1 “Introduction”, numbers on the left represent the corresponding chapters and sections.**

* Cover page – Name of course and section, name of system, project team number, group member names, date, and names of mentor and course instructor (if different).
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* Abstract – one or two paragraphs giving a brief overview of the document.
* Table of Contents

1. Introduction
   1. Problem definition
   2. Background
   3. Definitions, Acronyms, and Abbreviations
   4. Overview of document
2. Feasibility Study
   1. Description of Current System (Limitations and Constraints)
   2. Purpose of New System
   3. High-level Definition of User Requirements (must include security/privacy requirements)
   4. Alternative Solutions
      1. Description of Alternatives
      2. Selection Criteria (Briefly describe the feasibility criteria used in the analysis component)
      3. Analysis of Alternatives (refer to Appendix C – Feasibility Matrix) – you should provide a score so that the alternatives can be compared.
   5. Recommendations
3. Project Plan
   1. Project Organization
      1. Project Personnel Organization
      2. Hardware and Software Resources
   2. Identification of Tasks, Milestones and Deliverables (work breakdown)
4. Appendix
   1. Appendix A - Project schedule (Gantt chart or PERT Chart)
   2. Appendix B – Feasibility Matrix
   3. Appendix C – Cost Matrix
   4. Appendix D - Diary of Meetings
5. References (you should reference any work that is not your own)