ITEC 3700 Systems Analysis and Design Course Project

To gain practical experience into the of systems analysis and redesign your team will envision a solution to a current user need on campus, analyze existing systems, prototype the design for a new or enhanced system that add functionality and meet the user need. The new system can be in the form of a mobile app, web-based or stand-alone software. However, the new system must be envisioned to interface with an existing system on campus.

You will be required to interview potential end users (other students) and IT workers at Georgia Gwinnett College.

You will not be required to write code to actually implement the system. However, you will use tools to develop a prototype for demonstration purposes. The final project provides a cumulative application of the concepts and skills covered in the course.

The Project will be completed in two phases. All Documents including presentation submitted to D2L by the due date. Teams will lose points if all items are not submitted by the due date.

Project Part 1: Analysis Deliverables

1. Systems Request
2. Feasibility Study
3. Project Plan – Gantt Chart
4. Interview Summaries (1 user interview per team member, 1 or more interviews with GGC IT Staff)
5. Requirements Definition Document
6. Use Case/Diagram
7. Business Process Model
8. 15-20 Minute Presentation before the (fictitious) CIO
9. Peer Evaluation

Project Part 2: Design Deliverables

1. Alternative Matrix
2. Physical Data Model (ERD)
3. Interface Design
4. Test Plan
5. Support Plan
6. 15-20 Minute Presentation before the (fictitious) CIO
7. Peer Evaluation