**Republic of the Philippines**

# BATANGAS STATE UNIVERSITY

**The National Engineering University**

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**College of Informatics and Computing Sciences**

IT 332

**INTEGRATIVE PROGRAMMING AND TECHNOLOGIES**

## ACTIVITY # 1: CASE STUDY

Name: John Marky S. Lundag

Course/Year/Section: BSIT-3201

**Personal Trainer, Inc**., owns and operates fitness centers in a dozen Midwestern cities. The centers have done well, and the company is planning an international expansion by opening a new “supercenter” in the Toronto area. Personal Trainer’s president, Cassia Umi, hired an IT consultant, Susan Park, to help develop an information system for the new facility. During the project, Susan will work closely with Gray Lewis, who will manage the new operation.

*Background*

Susan finished work on system architecture issues, and her system design specification was approved. Now she is ready to address system implementation tasks, including quality assurance, structure charts, testing, training, data conversion, system changeover, and post-implementation evaluation.

1. Identify the specific groups of people who need training on the new system. For each group, describe the type of training you would recommend and list the topics you would cover.

* Member- Information Technology Awareness
* Manager- Data Privacy and Security
* Staff- Information Security Training
* Instructor- Leadership Training

1. Suggest a changeover method for the new billing system and provide specific reasons to support your choice. If you recommend phased operation, specify the order in which you would implement the modules. If your recommendation is for pilot operation, specify the department or area you would select as the pilot site and justify your choice.

* I would recommend the pilot operation, with this strategy, the new system replaces the old one in one operation but only on a small scale. Pilot operation is easy to train staff by letting them learn new skills on the pilot system.

1. Develop a data conversion plan that specifies which data items must be entered, the order in which the data should be entered, and which data items are the most time-critical.

* The data conversion as well as system changeover plan is as follows, the implementing life cycle processes, Identifying the planning for the system changeover and specifies which data items must be entered.

1. You decide to perform a post-implementation evaluation to assess the quality of the system. Who would you involve in the process? What investigative techniques would you use and why?

* To assess the quality of the system, the person involve in the evaluation process is the System Analyst. The investigate technique I would use is the new inspectional process is known as the "Quality System Inspection Technique" or "QSIT". Because This document provides guidance to the FDA field staff on a new inspectional process that may be used to assess a medical device manufacturer's compliance with the Quality System Regulation and related regulations.

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