



De La Salle University - Dasmariñas

**Quality Control Gate System
For
Amkor Technology Philippines**

1488

**An Undergraduate Special Problem
Presented to
The Faculty of Computer Studies Department
De La Salle University – Dasmariñas
Dasmariñas, Cavite**

**In Partial Fulfillment
Of the Requirements for the Degree
Bachelor of Science in Computer Science**

By

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AKLATANG EMILIO AGUNALDO ARCHIVES



Abstract

Amkor Technology Philippines (ATP) was established in 1989 in the Philippines to specialize in semiconductor packing and testing. The company is engaged in the production of microchips for the production of cellphones, computers, televisions and other electronic devices, which uses microchips. As a subcontractor of various electronic companies it wanted to improve services by maintaining the quality of their products and create a better relationship with its customers.

The proponent thought of creating an automated system called the "Quality Control Gate System for Amkor Technology Philippines" for their data archiving. The proposed system will implement security measures; passwords and access levels that will limit entry to the system. The system is capable of knowing whether the data is passed or failed.

This software was developed in Microsoft Visual Basic 6.0 – an object oriented programming language that can be easily used to create database system.

QC Gate System is a stand-alone windows application with easy to use interface. The program is exclusively for Amkor Technology Philippines use only.