



De La Salle University – Dasmariñas

**Transaction Processing System of
The Professional Group Corporation – Imus**

An Undergraduate Research

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by

Buendia, John Gaynor K.

Camuyag, Catherine Ann C.

Viray, Kathleen E.

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AKLATANG ENILIO AGUINALDO ARCHIVES



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ABSTRACT

The Professional Group Corporation - Imus (TPGC-I) is a public service corporation currently handling a large volume of operations. This is due to the fact that the demands of the client gets higher and more sophisticated, and the number of plan holders is increasing annually. This makes task tedious, which in turn results to the decrease in employee efficiency, and at times inaccuracy of data. The main problem of TPGC-I is the slow generation of report. TPGC-I stores these very important documents manually, wherein they are using cabinets that consume large space inside the office. Reports made are done not on time due to the said circumstances. This leads to low productivity in the part of TPGC-I.

The proponents used Visual Basic 6.0 in developing the system because of its efficiency in administering databases and its object-oriented programming capability. The databases that will be used will be created in Microsoft Access (MS Access). One of the features of the system is, plan holders' records are in a single database wherein searching would only require their plan holder number. There is no possibility of duplicating the plan holder's number because the system will automatically produce a distinct number upon filling up the application form. During payment, the system automatically shows the remaining balance of the plan holder. There is also a list of all the payments made by the plan holder. The proposed system would provide a built-in security feature to avoid unauthorized users from tampering data.