

### **ABSTRACT**

This “Expert system for early Diagnosis HIV/AIDS sufferer “built to help people who want to do pre test about themselves to know whether they have a risk to be a HIV/AIDS sufferer. The ability of Expert system are: Processing diagnosis based on input by user, beside that expert system provide facility to add, change, and delete behavior and symptoms data. Another facilities that give for expert are decide basic rule and basic diagnosis based on behaviors and major and minor symptom which exist in patient body ( people who do diagnosis).

This final project built using analysis and structured design with waterfall model. And the database built with MySQL servers and clients 3.23.47, with Microsoft Visio as a tool for system modeling, and Visual basic 6.0 for developer tool.

Keywords : *Expert System, HIV/AIDS, Visual Basic 6.0*