SIGNATURE TRACER

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ABSTRACT

The signature tracer is a project mainly to overcome the counterfeit signature problem. As today signature is less reliable and it is facing the problem of being obsolete. The aim of this project is to make our signatures more reliable.

This project requires knowledge in control system, computer architecture, computer interfacing, and visual basic programming language.

This project is consists of both hardware and software components. The hardware converts the applied pressure into a signal, which is stored in a computer. This is done by using pressure transducer. Software is built to analyze the pressure input data. VB6.0 is the programming language used in this project. The program created includes reading and sampling of pressure data with respect to time. A graph of the original pressure input corresponding to the stored signature and the new pressure input corresponding to the sample signature is plotted in program. Analysis of this data will be based on the graph.

Tests on the project, results and analysis are available in the report. From the results, most of the tests are successful. Even though, the project can be improved by adding more analysis test and new features.

This report includes the introduction and construction of the project. The details and specifications are available here. The VB source code is given in the appendices at the end of project.