

# **STUDY OF ARTIFICIAL INTELLIGENCE AND ENCRYPTION TO IMPLEMENT AN EXPERT SYSTEM CALLED SMART INSURANCE CUM INVESTMENT SYSTEM (SIIS)**

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## **ABSTRACT**

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This project addresses issues related to the insurance industry. It identifies the problems faced by insurance agents and attempts to improve their efficiency at work. It also helps potential clients to choose insurance policies that best for their lifestyle. This project also protects the privacy of a client's personal particulars. Using both AI and encryption, the author will demonstrate the findings in an expert system called the smart insurance cum investment system (SIIS). The main function or feature of the system includes; i. The system is capable to of recommending the best insurance/ investment policy based on information provided by the client ii. Because clients are very hard to convince, SIIS can also give explanation and additional information as to why the insurance/ investment policy was recommend. iii. Encryption is implemented to protect a client's welfare. It is also to avoid other insurance agents from viewing or tampering with a client's private and sensitive information. In order to develop this system, the author will perform an assessment of various tools so as to select the most appropriate. Some potential tools, which can be implemented, include C, C++, Java, Jess, Visual Basic and Visual Prolog.