

TO STUDY AN EXPERT SYSTEM IN IMPLEMENTING A PROTOTYPE SKIN DISEASE DIAGNOSIS EXPERT SYSTEM

Prepared by: Lee Szee Ling

ABSTRACT

The aim of this project is to study on the use of expert system in order to design a medical expert system, which in this case, a skin disease diagnosis expert system. This system aims to provide decision support information for various major symptoms, signs or conditions of skin diseases conveniently without the trouble of paying a visit to the doctor personally. It intends to simulate the decision making ability of a human expert. This system will contain knowledge about certain skin symptoms caused by skin diseases and based on the knowledge base; the system will be able to prescribe suitable medicines and treatments. Last but not least, this system will be able to offer simple diagnosis function for users' skin type and problem; hence a solution will be prescribed to the user.