2. Proposed Solution

This project addresses these problems of Sexual, Viral, and Respiratory Disease through a recognition system designed to tackle and solve the many issues that can be found in the gathering of information within a doctor’s appointment.

This project aims to create an expert system, in which will gather crucial information from the patient prior to or during a doctor’s appointment, and will also be an aid in helping doctors make an accurate diagnosis. The project will create an environment where both patients can feel comfortable describing their symptoms, and doctors can easily identify patient’s symptoms and provide a proper diagnosis.

This project will focus on shortening the amount of time spent gathering personal information (such as symptoms, medical history, and other information) from the patient. Based on patient information that is entered into the system, the system will purpose a possible diagnosis to shorten the time in making a diagnosis. The diagnosis will not always be accurate, but it will provide doctors with a starting point.

This software system will be a web based application, the software system will also be platform independent as well as portable. The recommended software development tools recommended are a PHP front end with a well-designed UI, and MYSQL on the back-end with DBMS.