

Patient Diagnostic Assistant and Prescription Generation System

Abstract

The aim of this project was to construct a single system that could coherently track and store the results from a clinical trial and use the information to better diagnose a patient and produce a more accurate prescription. There are two main elements to this project. Firstly, to decrease the risk of misdiagnosed prescriptions, a framework was developed and implemented to assist doctors when diagnosing patients. Secondly, to decrease the risk of lost or stolen prescriptions, a system was built to replace traditional paper based prescriptions with unique secure online prescriptions.