

Project Proposal

Laboratory Information Management System

Introduction

This system is to manage the patient test sample information and the details about medical tests. In this system the user can register patients and add the medical test results for them. At last a bill is generated according to the patient. So that this will help to enhance the efficiency of laboratory because of less paper work used and less time consumed per patient.

Proposed System

In here when the patient gets registered by the receptionist, patient will get a RFID tag. When the patient goes near to the relevant machine or device, the RFID detector detects the tag and identify the patient. So, the laboratorian does not want to enter the patient details.

Methodology

Every patient assigned to a specific RFID tag and the RFID detector check is it a patient RFID tag or not when the RFID tag is near. After the test results have been entered, the system check for the next patient.

Tools

- HTML
- CSS
- PHP
- Arduino

Comments from supervisor

Try to implement the patient assign to the machine using a RFID tag.