

PHOTO LAB MANAGEMENT SYSTEM

ABSTRACT:

Introduction:

About Project:

This project is aimed at developing an Photo Lab Management System (PLS) for a photo studio. This system can be used to store the details of the customers, employees, work details and update the details based on the customer details, material details.

DEO enters the details about the customer, materials, deletion of the customer details and admin mainly checks the details of customer, materials and enters the details about the employees and updates the details of employees in frequent intervals. Admin also deals with deletion of the DEO and employee details and he also plays a role in releasing the lock of the DEO account when it is locked.

Project Analysis:

Purpose of the project:

The Photo Lab Management System (PLS) is a complete system for managing photo processing labs in a most efficient way. By implementing the computerised management for Billing, Inventory you could utilise your resources to the fullest extent of efficiency thereby stepping up the productivity levels. This has been designed and developed after a thorough study of Photo Finishing Industry's needs and manual system of operations. So this product has come out as whole and Smooth Solution for your needs. In every data entry, before storing the data in computer, the system will confirm with the user, asking questions like 'Is this Ok?' to ensure correctness of entered data in all respects. If it is not, then the user is in his liberty to correct it.

Existing System:

Commonly every details about photo lab are entered in the form of paper work. All the details about billing, employee salary, materials used for photos development and customer details comes under the paper work of photo lab. Person should be able to enter entire details about every thing in the paper work every work. But this is a difficult work for

any one which takes a lot of time and this is the main disadvantage of the existing system. Customer should be satisfied with product and should give the output to the customer in time. We should not test the patience of the customer which definitely affects the business side.

Problem in Existing System:

Problem is mainly the paper work. This should be rectified.

Proposed System:

The system has full validation process in each and every data input element, to ensure that the user has entered only valid data. So the mistakes are eliminated in a great way. In every data entry, before storing the data in computer, the system will confirm with the user, asking questions like 'Is this Ok?' to ensure correctness of entered data in all respects. If it is not, then the user is in his liberty to correct it. This manual is split into sections like Operations, which covers entering of day to day and periodical transactions that take place in a lab. Various reports that are available in the system are explained in the Report section. Usually data entry operator mainly makes a detail analysis every day and updates the data every day in the system about billing, salaries, materials, etc. Administrator checks about status of the photo lab every day.

System Requirements:

Technologies Used:

1. UML.
2. J2EE. – JSP, Servlets.
3. XML.
4. AJAX .

Tools Used:

1. Eclipse 3.3
2. Apache Tomcat 5.0
3. Oracle 9I

4. Rational Rose 2002

5. VSS