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## Textile System

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### ABSTRACT

*The proposed system is developed to create a simple, user-friendly and to use software that avoids the tedious task done by the existing system. The proposed system is accessible only to the authenticated user of the system wherein all users of the system contain their valid user id and password. The proposed system handles the various requirements of the textile. The administrator of the system has been assigned to make their settings of the system. He also has the right to see the login details. The main requirement of this project is to make the task of inserting the employee related details, product related details and maintain them very simple and time-saving. After inserting the details it must be retrieved whenever necessary by search criteria which will give the actual information needed by the valid user. There are several reports that are generated based on the employees and room which will show employee information, salary records, and attendance. It will also showroom check-in details and check out details.*

**Keywords**— Textile Management System, Front office module, Back office module, Human Resource Management module, Accounts module

### 1. INTRODUCTION

Textile Management System is software for textile industries, which aimed at reduce the workload in the textile industry.

The Textile Management System is designed to allow the industry to keep track of all employee details, textile details, product details, banquet details and agent details. It keeps tracks of active employees as well as employees who have left the textile industry.

The Textile management System includes Front Office Module, Back Office Module, Human Resource Management Module, and Accounts Module. This will help authorized user to insert, delete, update or view the various records related to employees, products and many more details. This makes the software flexible to use.

### 2. LITERATURE REVIEW

In the textile industry, many different processes are used and almost all of them generate wastewater. The effluents resulting from these processes differ greatly in composition, due to differences in processes, used fabrics and machinery. Textile wastewater is usually treated as a mixed stream. For water and chemicals reuse purposes however, it is preferable to keep process streams apart and treat them separately. Characterization of textile industry effluents is of great importance for the separate treatment of process streams. This literature review provides an overview of what is known about the wastewater of the separate processes, and the methods used for characterization of these streams.

#### 2.1 Objective

- The authorized department of the company will be able to log into the application using different logins, which will give them access permission.
- The Back Office department head will able to view and manage the loading status of the material.
- The HR department head will be able to manage employee details, such as adding, updating and deleting employee detail.
- In case of cancellation, it is done in two ways pre-cancellation and post-cancellation and necessary changes in payment details are updated.
- The accounts department will generate the reports for material booked, quantity booked, Employee details, customer details etc.

### 3. WORK CARRIED OUT

The purpose of the project is to develop a 'Textile management system', which will be used by the company through which all purchase details of textile can be managed by the company.

The system deals with a very popular interface tool and retrieval of the records is much faster than the present system. Hence it causes to saving time for further work.

The user can have fast interaction with the system by inserting, update Customer etc. Because not only the front end provides the faster interaction with the records but with back end also provides the proper interaction with the records and gives or prompts the information to the end user if he is making an error during work.

#### 4. IMPLEMENTATION

First, it creates the database with all the tables if it is used the first time or uses the databases as soon as the application is started.

Provides access rights to different departments and then to different users such as manager, staff, etc. Front Offices department handles front desk operations such as inquiries, booking and cancellation of textile products. The top level department manages the product to be provided to the customers assigning prescheduled reports to different staff, etc.

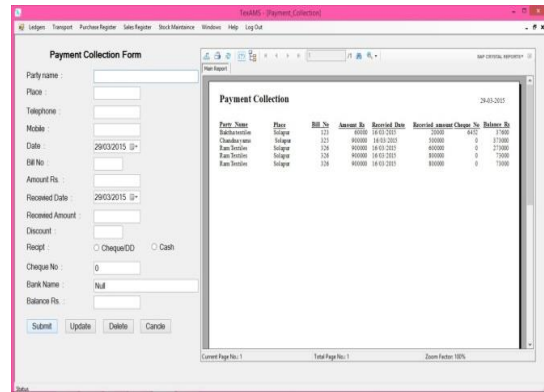


Fig. 1: Implementation results

HR department manages the activities such as addition, updating and deletion of product records.

Payroll Departments is concerned with employee salaries, etc.

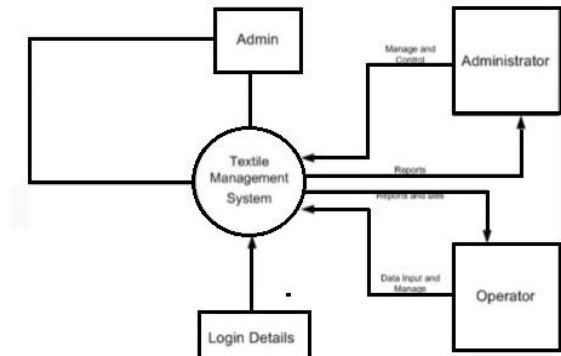
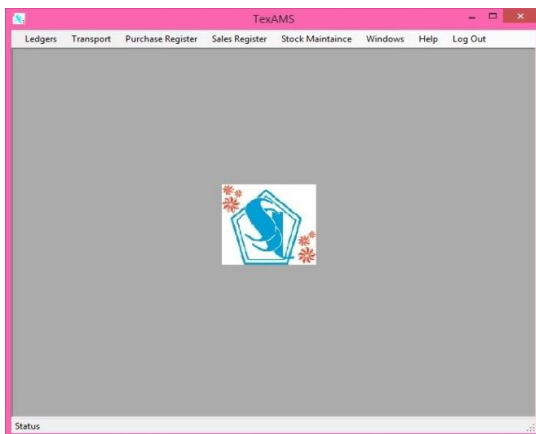


Fig. 2: Textile System

#### 5. CONCLUSION

The main objective of the software is to computerize the manual system and reduce the time consumption of the textile industries work. By using the various sections systematically it will keep the records inserted into its respected departments. As the values are inserted into forms such as production, departments and waste, its calculation will be carried out by the logic implemented in the program. Dispatching segment of order can be generated. Production details are maintained in the report.

#### 6. ACKNOWLEDGEMENT

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