



**Antler Holdings (Pvt) Ltd.**

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# **Office Automation System**

System Analysis and Design

**Group No: 23**

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## **Company Overview**

From its humble beginnings in 1978, Antler steadily grew and expanded its Antler's to become the leading fabric printing company in the country.

Growing exponentially over the last 38 years, Antler strategically diversified their services to form the Antler Group, which apart from fabric printing also manufactures internationally recognised fabric printing inks and cleaning products.

Antler Fabric Printers dispenses their services to the ever-growing apparel industry in Sri Lanka whilst catering to its highly demanding fashion brands. With their latest cutting-edge fabric printing and embellishment technologies; their maintenance of exceptionally high standards in quality, delivery and compliance has made them the pioneers in the fabric printing industry. Antler Fabric Printers strive to pursue excellence through creating an innovative product range with the speed to match the ever-changing demands of the fashion world. This is part of Antler's great secret formula, which has made them the champions of the industry.

The other arm is Antler General Industries, which focuses on manufacturing various types of inks. Conceived as a backward integration strategy to reduce the cost of manufacturing for Antler Fabric Printers, they have expanded to cater the various local businesses and international clientele.

The Antler Industries business entails in producing various detergents to the local market using the prestigious brand known as Britol. Through the Britol brand name, Antler is able to cater the demands of the Sri Lankan community's cleaning needs with high quality and harmless ingredients.

Antler's founder and visionary Mr. Ananda Jayasinghe, was solely responsible for establishing the organisation which today consists of over 1500 employees. With immense passion, commitment and strength Mr. Jayasinghe brought the organisation to new heights. He is the driving force that empowers Antler's recognised international standards, methodical management and inspiration

including Antler's prosperous work ethic and workforce, which is highly respected and governed by the company's own set of standards focusing on humanistic values and a harmonious culture.

### Company Vision :

Creative chemistry for communication.

### Company Mission

to reach expected company goals in 2020  
To be the benchmark in printing industry

### Company Objectives :

- To open more job opportunities for Sri Lankan people.
  - The main goal is to give lots of job opportunities to the Sri Lankan people because they are using lots of manpower to product manufacturer
- to become the leading fabric printing company in the country
  - Antler general industries always work hard to achieve their goals and they are gradually coming to the one of the leading printing companies in Sri Lanka.
- To give best solutions for ink and fabric needs.
- Make the products as the best to be environment friendly.

# **Scope of Study**

## **1. Internal Environment**

Internal Environment is Composed of the element within the Organization.

- Antler Holdings is a family owned business.
- They have more than thousand five hundred employees including the staff
- Antler Holdings have their own and rented buildings and vehicles.
- They Have trusted Customer background based all over the Country.
- Their main product is fabric painting and ink manufacturing.

## **2. External Environment**

- Antler Holdings exports products for world class brands like Nike, Adidas, Victoria Secret, Pooma, Tommy Hilfiger and many more.
- They import goods from Germany, United States and China.
- Antler has maintained a very stable financial background.
- They also innovative solutions to the ever-changing demands of the fashion around world.

## **3. System Boundary**

- The system boundary contains the tasks which are done by the employees at the company laboratory. The samples has to be tested and give detailed reports of the results, testers details and testing conditions. Functions of the system will be explained further in details of the existing system and the next chapters.

## **4. Automated Boundary**

- Currently there is no automated system in the laboratory. All tasks are recorded by the employees manually.

## **Details of the Existing system**

All records at the laboratory are maintained by hand, without using a computer system. All tasks are done and tested by laboratory staff. Lab tests results are recorded in documents daily. Currently, the reports will be kept for about 03 years and get removed from the system. The properties of samples such as PH value, Viscosity, density etc, gets tested at the lab and recorded. The final detailed report and summary will be prepared as the outcome of the laboratory.

## **Drawbacks of the existing system**

- Document and file based manual system requires a lot of time
- Data duplication occurs in the system
- Takes a considerable amount of space to store files.
- The records can be stored about 03 years only due to limited storage capacity.

## **Details of the Proposed system**

- Propose a new computerized office automation system
- Standalone, local storage program
- A system to read, write, store and generate custom detailed reports
- Adding an option to view date wise report of test results.

## **Expected benefits from the proposed system**

- Remove data redundancy of the system
- The records and forms can be stored locally without a time limitation.
- The system process will become faster and more user friendly
- New system will dramatically reduce the storage cost and workload to be done by the staff
- Easy to access all in one place