**Web-Based Purchase Order Management System**

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# Chapter 1

## Introduction

The advancement of technology has revolutionized the way organizations handle their internal processes. One critical area is the management of purchase orders. Many organizations still rely on traditional methods such as paper-based or email-based ordering, which can lead to inefficiencies, delays, and errors. A web-based purchase ordering system offers a streamlined solution, providing businesses with a digital platform to create, manage, and track purchase orders in real time.

This project proposes the development of a web-based purchase ordering system that automates the procurement process, providing a user-friendly interface for submitting, approving, and tracking purchase orders. The system will reduce errors, improve process efficiency, and offer data analytics for better decision-making.

### Background of the Organization

Upper Awash Agro Industry Enterprise is a prominent agricultural company based in Ethiopia. The establishment of the company can be traced back and attributed to 4 farms during the rule of *Emperor Haile Selassie, Melka Awara* Farm Development (*est 1904*), *Nura Hera* Farm Development (*est 1956*), Tibla Farm (*est 1957*), and *Merti* *(est 1963)*. After the fall of the Emperial rule, Derg regime took control over all four farms in 1972 and started operating them as one entity under the name of Nura Hera Farm Development. Since then the company have changed it’s name, product, and ownership throughout the years. Currently It’s owned and operated by MIDROC Investment Group.

Currently Upper Awash Agro Industry operates farms in two zones: East Shewa, specifically in the Bosset district, and in the Arsi zone, covering the Merti and Jeju districts. with a branch office in Addis Ababa. The company is primarily involved in the production and processing of a diverse range of agricultural products, including:

* Fresh and processed fruits and vegetables
* Cereals
* Cut flowers
* Seeds
* Fiber crops

The company currently employs over 7,000 individuals, including full-time, contractual, and seasonal workers. Monthly payroll expenses exceed 14 million Birr. In the 2014 Ethiopian Calendar year, the company paid over 150 million Birr in revenue tax. Additionally, the company demonstrates its commitment to social responsibility by donating over 10 million Birr annually.

Upper Awash Agro Industry Enterprise is a major player in Ethiopia's agricultural sector, contributing to food security and export earnings. The enterprise has recently been included in a list of government-operated enterprises slated for privatization by the Privatization and Public Enterprise Supervisory Agency of Ethiopia (PPESA). This move is part of broader efforts to streamline the Ethiopian economy and attract private investment to the agricultural sector.

### Statement of the Problem