

# High Level Document (HHD) E-Commerce Dashboard

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## Document Version Control

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	1.0	First version of complete HLD	Riya Suri
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## Abstract

Sales amount is an important reflection of the company and sales amount are of great interest for the policy makers as well as the employees. Sales are directly proportional to the profit and it reflects the overall performance of a business. Visually the sales of different product category help in understanding the performance of different products and the factors that are affecting sales amount.

# 1 Introduction

## 1.1 Why this High-Level Design Document?

The purpose of this High-Level Design (HLD) Document is to add the necessary detail to the current project description to represent a suitable model for coding. This document is also intended to help detect contradictions prior to coding, and can be used as a reference manual for how the modules interact at a high level.

The HLD will:

- Present all of the design aspects and define them in detail
- Describe the user interface being implemented
- Describe the hardware and software interfaces
- Describe the performance requirements
- Include design features and the architecture of the project
- List and describe the non-functional attributes like:

- o Security
- o Reliability
- o Maintainability
- o Portability
- o Reusability
- o Application compatibility
- o Resource utilization
- o Serviceability

## 1.2 Scope

The HLD documentation presents the structure of the system, such as the database architecture, application architecture (layers), application flow (Navigation), and technology architecture. The HLD uses non-technical to mildly-technical terms which should be understandable to the administrators of the system.

## 2. General Description

### 2.1 Problem Statement

#### Problem Statement:

E-commerce (electronic commerce) is the buying and selling of goods and services, or the transmitting of funds or data, over an electronic network, primarily the internet. These business transactions occur either as business-to-business (B2B), business-to-consumer (B2C), consumer-to-consumer or consumer-to-business.

#### Business Scenario

The Analytics team of an Online E-Commerce Company wants to design a Sales dashboard to analyze the sales based on various product categories. The company wants to add user control for product category, so users can select a category and can see the trend month-wise and product-wise accordingly.

The Analytics team also wants to create a histogram to analyze number of shipping days. The company's database keeps track of the following data fields: Brand Name, Company Name, Disease Medical Use, Invoice date, Company code, Ship-to-Country, Ship-to-Country Full Name, Sold-to party- Code, Sold-to party Country, Sold-to party Country Full Name, Delivery Plant, Payment terms, External Agent, Sales quantity, Price TC /Kg, Revenue, External commissions, Month.

### 2.2 Tools Used

Microsoft Excel, it is a software program created by Microsoft that uses spreadsheets to organize numbers and data with formulas and functions. Excel analysis is ubiquitous around the world and used by businesses of all sizes to perform analysis.



