Low Level Design

(SCOPE DOCUMENT)

for

\<Ecommerce Dashboard\>

Version 1.0

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Bachelor of Science in Computer Science (2018-2021)

SCOPE DOCUMENT REVSION HISTORY

No.	Comment	Action

Supervisor Signature

Date:

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1. Introduction

We are going to design a Sales dashboard of an online Ecommerce company to analyze the sales based on various product categories. The main part of this project is to analyze the sale data to see the trends, patterns and correlations of data. And after analyzing data, do some statistical analysis and at the end build dashboard by creating some charts.

2. Architecture

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 having their record in excel.

3. Architecture Description

3.1. Data Description

The Dataset contains customer's sales data with product categories. Some important features are as follows:

1. Order ID: Unique order id against each customer order

2. Order Date: Date at which customer place an order

3. Ship Date: Date at which customer have his order

4. Product Category: Category of product which customer ha ordered

5. Product: Name of product

6. Sales: Total sales across that order

7. Quantity: Quantity of products that has sale at that order

3.2. Data Transformation

In the Transformation Process, we will convert our original datasets with other necessary attributes format. In this project data is already processed with every perspective, So we don't to process the data.

3.3. Analyze Data

This process is used to see trends, patterns and correlations among data. So, after analyzing data, we will figure out that on which basis we are going to create charts to build the dashboard i.e. columns.

3.4. Create Charts

After analyzing data, we apply formulas on specific columns i.e. (sales, profit) with respect to product category column for required table.

3.5. Dashboard

After creating different chart, we will place some of important charts (i.e. that describes our data more specifically) at our dashboard window.

4. Conclusion

Data Analytics is essential to see trends and patterns of data and nowadays it's so important because of data is everywhere and if you require important analytics then there comes data analysis. So, we build a dashboard to analyze the sales based on various product categories. And add user control for product category, so users can select a category and can see the trend month-wise and product-wise.