CSE1005 : Software Engineering - Embedded Lab Report

<u>WEB BASED BILLING SOFTWARE</u>

I. Our Team :

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II. Report :

1. <u>Problem Identification</u> :

a. This project **"Web based Billing Software"** is an application to automate the process of billing and managing a Departmental store.

b. This web-based application is considered based on a network of department stores with locations around the country.

2. <u>Problem Statement</u> :

i. Problems of Existing Softwares:

a. Difficult to maintain bills and manage huge data manually.

b. Reports are difficult to generate from existing data.

c. Full or a lot of paperwork and Time consuming.

d. Inability of modification of data.

ii. Specifications of the Proposed Software:

a. Easiness in maintaining and modification of sold products.

b. Reports are simple to implement, create, generate within no time.

c. No or very few paperwork.

3. <u>Project Objective</u> :

   a. Generating and Managing Invoices in a matter of few seconds.

   b. Maintain all the products with their shorthand notation.

   c. Provides summary reports to the owner monthly or weekly and yearly.

   d. Provides a convenient solution to the billing pattern.

   e. Make an easy to use environment for owners and customers.

   f. Secured User Authentication and Validation.

   g. User Giveaway generator.

4. <u>Feasibility Study</u> :

   The purpose of the feasibility study is to see if the proposed system is worth implementing. A feasibility study evaluates a proposed system's capacity to operate, as well as its influence on the organization's ability to fulfil user demands and make efficient use of resources.

S.No.	Feasibility Analysis	Type	Feasibility ?
1.	Technical Feasibility	Software, Hardware, OS	Yes
2.	Behavioural Feasibility	Computer, User Knowledge	Yes
3.	Economic Feasibility	Man Power cost, Hardware / Software cost	Yes
4.	Timeline	Duration of 28 days approximately	Yes