

CHANDIGARH COLLEGE OF
ENGINEERING AND TECHNOLOGY
CHANDIGARH



CCET

Software Engineering

Electronics Shop Management System

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SOFTWARE RERUIREMENT SPECIFICATION

INTRODUCTION

SRS is a document that completely describes what the proposed software should do without describing how the software will do it. The basic purpose of SRS is to bridge the communication gap between the parties involved in the development of the software. SRS is the medium through which the client and the user needs are accurately specified. A good SRS should satisfy all the parties some thing very hard to achieve and involves trade offs and persuasion. Another important purpose of developing an SRS is helping the users to understand their own needs.

PURPOSE

Electronic Shop Management software helps Electronic showrooms owners and management staff by producing different kind of financial and stock tracking reports, etc. This software is able to manage all electronic stocks i.e. Television, Radio, Computers, DVD Players, Mobile phones, ACs, etc. In this software shop owner can manage the data of customers and buyers. Also tax information and other government charges including recycle charges.

SCOPE

Hence six types of data can be imported into Flow: Companies, Products, Sub products, Customers, Inventory and generated reports.

The project provides the following facilities to the customers.

- Accurate billing date and Time
- New offers and discounts can be communicated easily with the customer.

The project provides the following facilities to the administrators.

- It tracks products with serial numbers.
- Creating a Purchase Order
- Entering Product Information
- Creating a Sales Order
- Managing the Companies dealing with

The project provides the following facilities to the companies.

- This software is perfect for Electronic Showroom.
- Systematized data storage.
- Easy generation of bills.
- Automatically stores the details of the customers

GLOSSARY

SRS – Software Requirements Specifications

OVERVIEW

Electronic Shop Management Software is application software utility that efficiently maintain the inventory of the Electronic Showroom. This software is capable of recording details of sales and purchase order.

Similarly keeps track of expenses and income of the company. This billing accounting software can be used to generate various reports including Item, Ledger, Sales order, Purchase order and Expenses ledger and more.

2. OVERALL DESCRIPTION

2.1 SYSTEM ENVIRONMENT

This software is totally self contained and works relatively as efficient as other packages related to the subject. It provides simple database rather than complex ones for high requirements and it provides good and easy graphical user interface to both new as well as experienced user of the computer.

2.2 PRODUCT FUNCTIONS.

The operations like add, update, delete, view and generation of reports has been provided to user to efficiently manage the software.

2.3 USER CHARACTERISTICS

- Should know English
- Should be able to use and do according to the graphical user interface.

2.4 GENERAL CONSTRAINTS

The system should have windows XP or higher version of windows operating system. This project works well in PCs having Visual Studio 2008 and Microsoft SQL Server 2008 installed properly.

2.5 ASSUMPTION AND DEPENDENCIES

This project works to cover the needs of the customer. The product is user-friendly.

3 SPECIFIC REQUIREMENTS

3.1 EXTERNAL INTERFACE REQUIREMENTS

3.1.1 USER INTERFACE

The software provides good graphical interface for the front end of the database so that new users can make use of the system with ease.

3.1.2 HARDWARE INTERFACE

- 1) 40 GB hard disk
- 2) 2 GB RAM
- 3) Peripheral devices

3.1.3 SOFTWARE INTERFACE

- 1) Visual Studio 2008
- 2) Microsoft SQL Server 2008

3.1.4 COMMUNICATION

- 1) LAN

FUNCTIONAL REQUIREMENTS

1. Setting up your Business Data

Electronic shop keeps track of various different types of business data, including your products, customers, vendors, and inventory status.

2. Count Stock

A count sheet can be used to record the counted quantities. After everything is counted, stock adjustments can be made to the software to correct discrepancies found during the count.

PERFORMANCE CONSTRAINTS

- Good working pc with all requirements stated above.
- Should not be overloaded.

DESIGN CONSTRAINTS

The Electronic Shop Management System shall be a stand-alone system running in a Windows Environment.

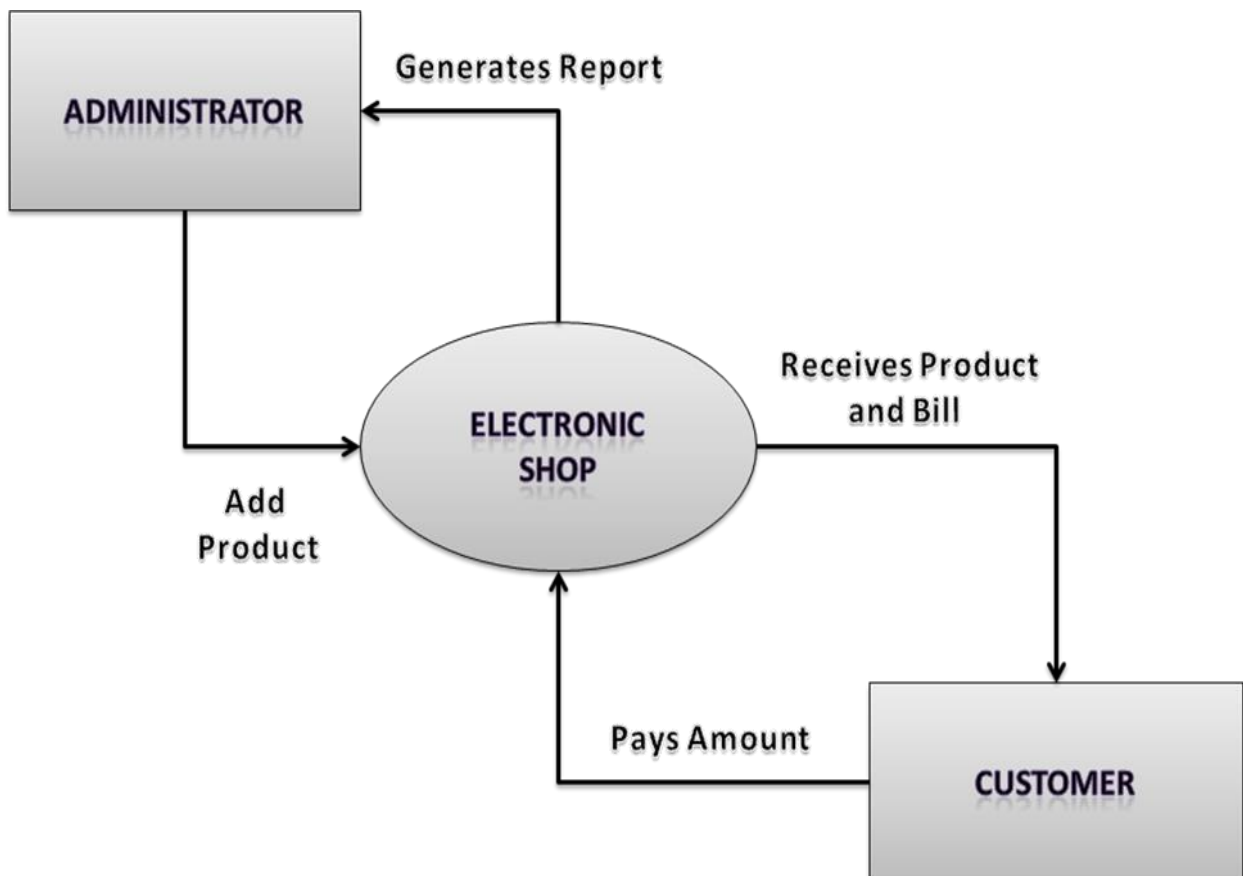
SYSTEM ATTRIBUTES

Reliability: The system shall be available 99.9% of the time.

Maintainability: The system shall provide the capability to back up the database.

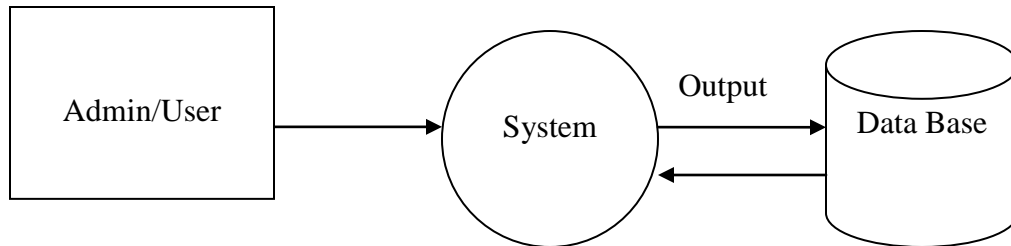
Portability: The Electronic Shop Management System shall run in any Microsoft Windows environment that contains VB.NET Programming and the Microsoft SQL Server Database.

Context Flow Diagram (CFD):

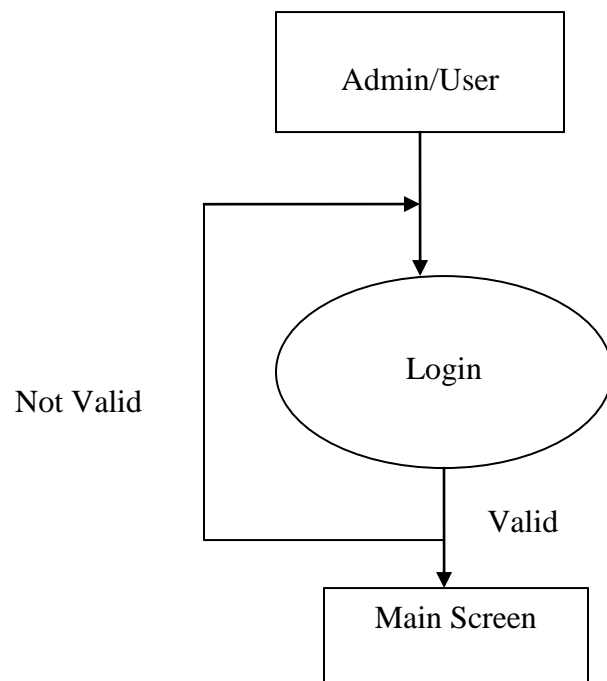


Data Flow Diagrams

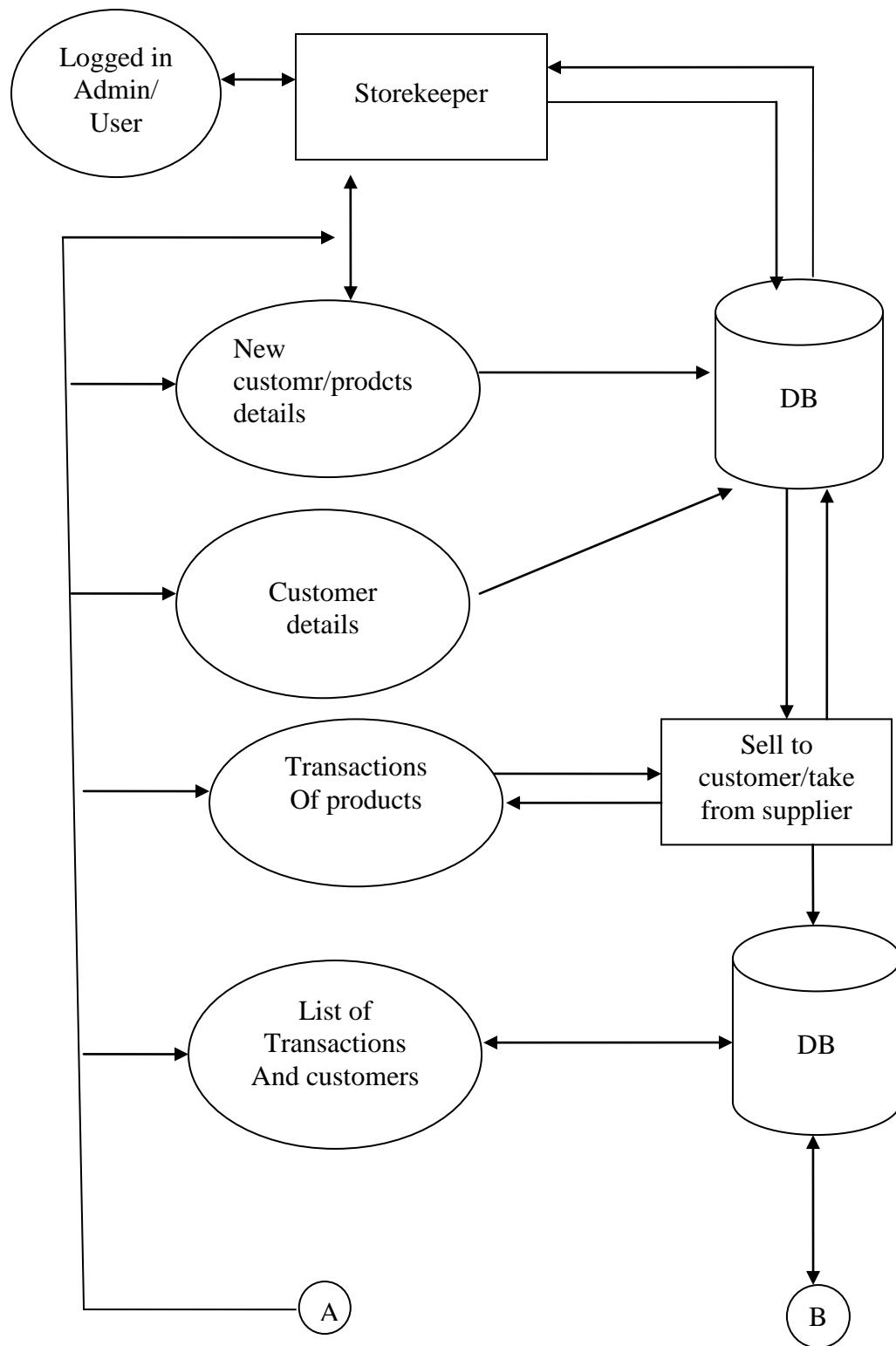
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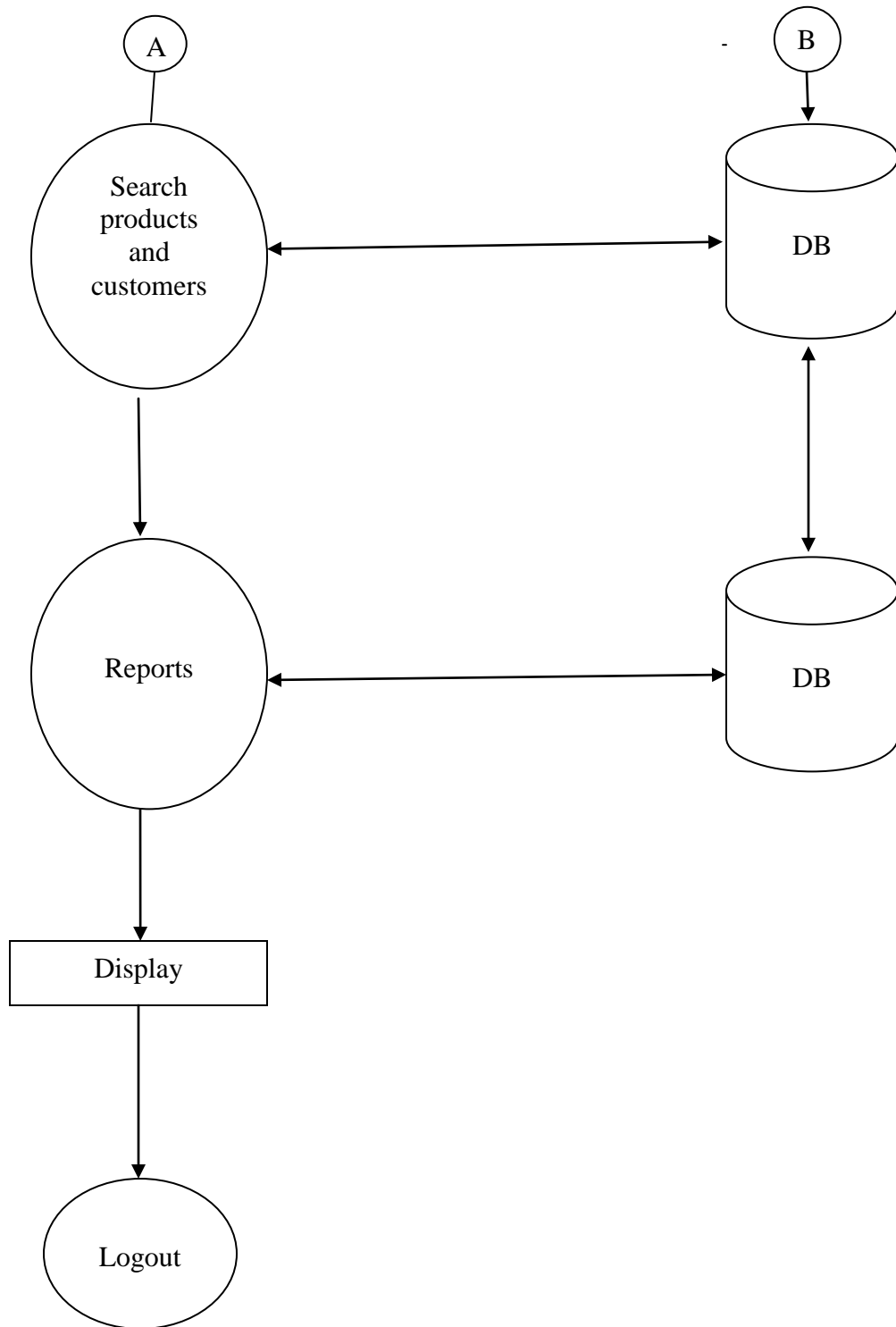


Level 1:



Level 2:





Level 3:

