

PROFESSIONAL TRAINING REPORT
at
Sathyabama Institute of Science and Technology
(Deemed to be University)

Submitted in partial fulfillment of the requirements for the award of
Bachelor of Technology Degree in

Information Technology

By

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SCHOOL OF COMPUTING

BONAFIDE CERTIFICATE

This is to certify that this Professional Training Report is the bonafide work of KAVIYA V (37120039) who underwent the professional training in “DEPARTMENT STORE MANAGEMENT SYSTEM” under our supervision from DEC 2020 to JAN 2021.

Internal Guide

Dr. V.NIRMALRANI Ph.D.,

Head of the Department

Dr. R.SUBHASHINI M.E., Ph.D.,

Submitted for Viva voce Examination held on_____

Internal Examiner

External Examiner

DECLARATION

I, KAVIYA V (Reg.No:37120039) hereby declare that the Professional Training Report on 'DEPARTMENT STORE MANAGEMENT SYSTEM' done by me under the guidance of **Dr.V.NIRMALRANIPh.D.**, at Sathyabama university is submitted in partial fulfillment of the requirements for the award of Bachelor of Technology degree in Information Technology.

DATE: 18-01-2021

PLACE: Chennai

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to **Board of Management of SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY** for their kind. encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr. T.Sasikala M.E., Ph.D, Dean**, School of Computing , **Dr.SUBHASHINI M.E., Ph.D. ,** Head of the Department of Information and Technology for providing me necessary support and details at the right time during the progressive reviews.

I would like to express my sincere and deep sense of gratitude to my Project Guide Dr. Jeberson Retna Raj M.E., Ph.D.,for his valuable guidance, suggestions and constant encouragement paved way for the successful completion of my project work.

I wish to express my thanks to all Teaching and Non-teaching staff members of the **Department of Information Technology** who were helpful in many ways for the completion of the project.

TRAINING CERTIFICATE:



ABSTRACT

Department Store Management System is a simple console built application using C programming language. In this project, you can manage a typical 'fashion wear' department store. You can add goods, edit goods, search, delete and also display the goods. File handling has been used to record the information (rate, quantity, name and code) of the added goods. You can search the goods by rate, code or quantity. And the same goes for display; you can display the items by quantity, rate or code. It leads to an error- free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. It can maintain computerized records without redundant entries, which means that one need not be distracted by information that is not relevant, while being able to reach the information. Basically this project describes how to manage for good performance and better services for the clients.

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CHAPTER 1

1. INTRODUCTION

Stores are required for the following purposes :-

1. Capital works
2. Operation and Maintenances Works
3. Other Commercial activities like hiring equipment etc.,

The ‘Stores Management System’ is targeted to automate the almost all of the processes mentioned above to reduce the clerical labor of the staff working in Stores both technical and as well as Accounts departments using the software Industry’s latest technologies and cost effective tools there by providing the better control to the management by avoiding manual errors etc.,

In this project modules under study are Material Issues module, Reports module.

Material Issues module deals with the Issues functionality of the application. It mainly contains two operations namely Material issues i.e. Issues issued to works based on field requisitions and Inter stores issues i.e. material issues to other stores based on inter store requisitions. For these two operations, we have to issue the gate passes for both types of operations.

CHAPTER 2

2. SYSTEM ANALYSIS

2.1. Software Requirement Specification (SRS)

What is SRS?

Software Requirement Specification (SRS) is the starting point of the software developing activity. As system grew more complex, it became evident that the goal of the entire system cannot be easily comprehended. Hence the need for the requirement phase arose. The software project is initiated by the client needs. The SRS is the means of translating the ideas of the minds of clients (the input) into a formal document (the output of the requirement phase.)

The SRS phase consists of two basic activities:

1) Problem/Requirement Analysis:

The process is order and more nebulous of the two, deals with understanding the problem, the goal and constraints.

2) Requirement Specification:

Here, the focus is on specifying what has been found giving analysis such as representation, specification languages and tools, and checking the specifications are addressed during this activity.

The requirement phase terminates with the production of the validated SRS document. Producing the SRS document is the basic goal of this phase.

Role of SRS

The purpose of the Software Requirement Specification is to reduce the communication gap between the clients and the developers. Software Requirement Specification is the medium through which the client and user needs are accurately specified. It forms the basis of software development. A good SRS should satisfy all the parties involved in the system.

2.2. Hardware And Software Requirements

2.2.1. Hardware requirements

Processor	:	Pentium IV
Speed	:	1.7 GHz
Memory Capacity	:	256 MB
Hard Disk Capacity	:	20 GB
Monitor Make	:	HP

2.2.2. Software Requirements

Operating System	:	Windows OS 8
Programming Language	:	C
Compiler	:	Turbo

SYSTEM SPECIFICATION

3.1 System Specification

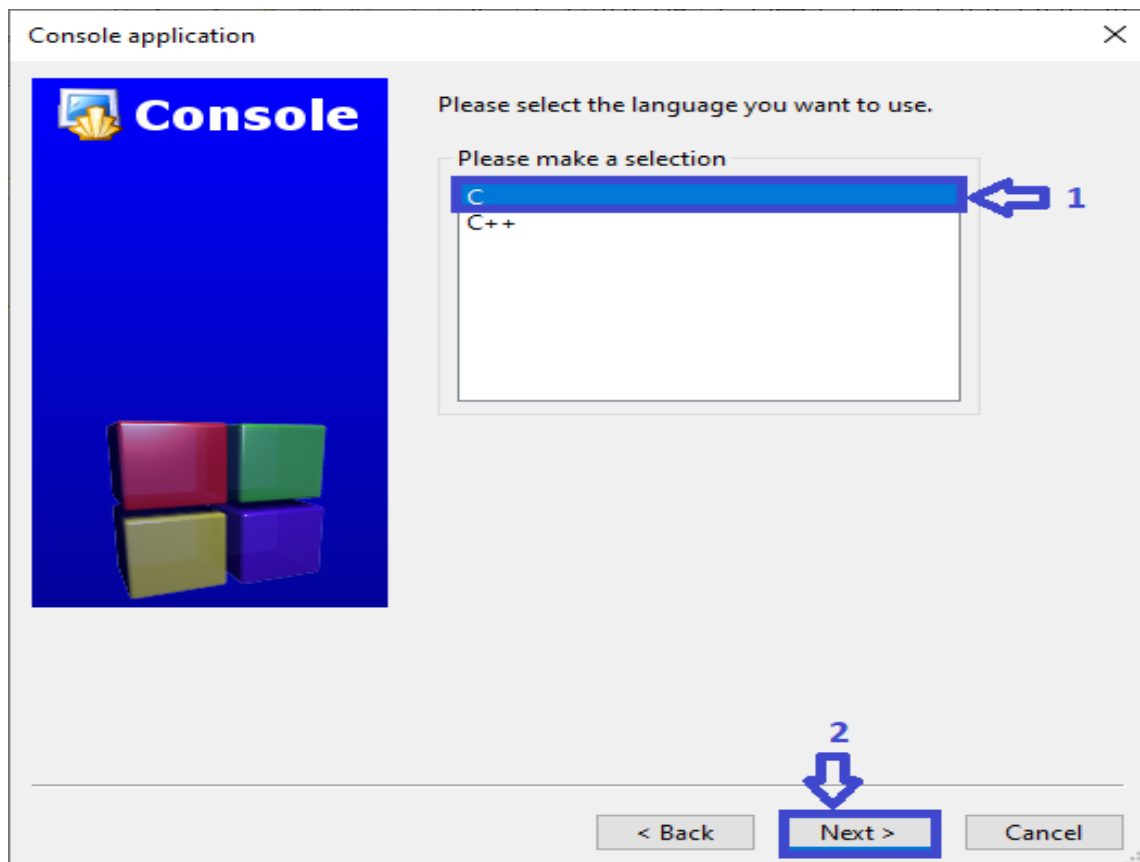
C Programming

C programming is a general-purpose, procedural, imperative computer programming language developed in 1972 by Dennis M. Ritchie at the Bell Telephone Laboratories to develop the UNIX operating system.

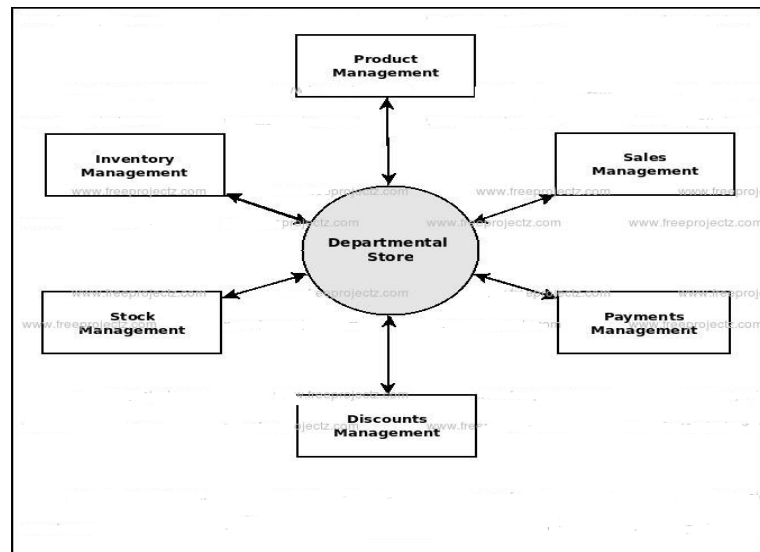
C is the most widely used computer language. It keeps fluctuating at number one scale of popularity along with Java programming language, which is also equally popular and most widely used among modern software programmers.

SYSTEM DESIGN

The Department Store Management System Project in C is a console based application and created using c programming language. This system is a simple mini project and compiled in **Code::Blocks IDE** using **GCC compiler**. This simple mini project for Department Store Management System is complete and totally error free and also includes a downloadable Source Code for free, just find the downloadable source code below and click to start downloading. Before you start to click the download now first you must click the Run Quick Scan for secure Download.



SYSTEM ARCHITECTURE



RESULT



The result was positive and the system responded well. The diagram below shows the complete prototype implementation of the proposed system.

BRAND	ID	BRAND NAME	AVAILABILITY	QUANTITY	PRICE
Apple	8	iphone8	yes	5	99999
Apple	7	iphone7	yes	7	73000
Samsung	101	Note7	yes	2	89999
Samsung	44	GalaxyS7	yes	1	69000
Sony	4745	XperiaXZ5	yes	2	55000
LG	5454	G3stylus	no	0	29000
HTC	60	Desire650	no	0	20000
HTC	2	Desire830	no	0	22900
Samsung	36	GalaxyS8	yes	4	96000

Press ENTER to return to main menu

4.2. CONCLUSION AND FUTURE WORK

Conclusion:

We have been given the problem of automating the material of stores in earlier the materials of stores have only been automated. In our project **“STORES MANAGEMENT SYSTEM”** we have automated the stores of the central power distribution company limited.

In Issues module, we have tracked the information regarding the issues of the receipts for the material that have been stored in the stores of the central power distribution company limited at **CPDCL**. This information can be easily made available to all the stores throughout the AP through intranet/ Internet.

As a result of this automation, manual workload is reduced and data retrieval becomes easy. This project can be helpful for centralization of information regarding the stores.

SCREENSHOTS:

MEDICINE PURCHASE

MEDICINE ID	:	1232	MEDICINE NAME	:	Sinex
ENTER RACK NO	:	12	CABINET NO	:	104
COMPANY NAME	:	Herbal	SUPPLIER NAME	:	Om Pharmacy
UNIT COST	Rs.:	10	SALE COST	Rs.:	15
QUANTITY	:	50			
MFG.DATE<dd-mm-yyyy>: 2014-04-06					
EXP.DATE<dd-mm-yyyy>: 2014-12-30					
=====					
TOTAL SALE COST = Rs. 750.00 TOTAL UNIT COST = Rs. 500.00					
Save Cancel					
Press First charecter for the operation :					

codewithc.com

References:

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<http://www.phpreferencebook.com>

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