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A

MICRO PROJECT REPORT

SUBJECT: Database Management System

Subject Code: 22319;   Course: CO3I

Year: 2019-20;   Semester: Third;   Term:ODD;

ON

"Phonebook Management System"

SUBMITTED BY

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INTRODUCTION

Phonebook Management System

Similar to Phonebook and Contact Management System, this phonebook management system project in dms is a simple console application built without graphics. In this project, users can add a new phone record, display existing phone records, search a particular phone record and delete phone records. This simple project will teach you file handling operations such as how to add, search, modify, list and delete records using file.

The source code is complete and totally error-free. It is just over 300 lines, simple to analyze and understand. The source code of phonebook management system can be compiled in both Turbo C++ and Code::Blocks (might require some modifications to the code).

Aim:- Project for "Phonebook

MANEGEMENT SYSTEM"

Action plan:-

Sr no	Detail of activity	Plan start date	Plan finished date	Responsible of team member
1	Topic search			Ashutosh Palhare
2	Topic implementation			Ashutosh Palhare
3	Actual implementation			Tejas Phatke
4	Result and analysis			Jawale Paresh

Title :- " Develop a Project report Of Phonebook MANEGEMENT SYSTEM"

Brief Description:-

This Phonebook Management System dms is a simple console application developed without the use of graphics component. It is more of a database project in sql, and is built using the language's file handling mechanism. It is suitable for beginners who want to learn how to add, edit, search, delete or modify records in a file, and how to use file as database overall.

Actual process followed:-

1. First we identified total project.
2. We define basic project specification.
3. First define initial plan.
4. Then add people to project.

Actual resoucessrequired:-

SR NO	Name	Specification of	Quantity
1	Computer	2gb ram 500hd	1
2	Technical books	Use of internet	5
3	Teacher guidance	Information about project	2

Abstract:-

1. Add phone record: This features adds a new phone record to the file. It asks for the phone number and name of the person whose record is to be created. Upon successful creation of a new phone record, the phonebook management system program displays the message – "Phone details successfully stored." If the new phone record already exists in the file, it displays the message – "Phone id already exists! Try again…"
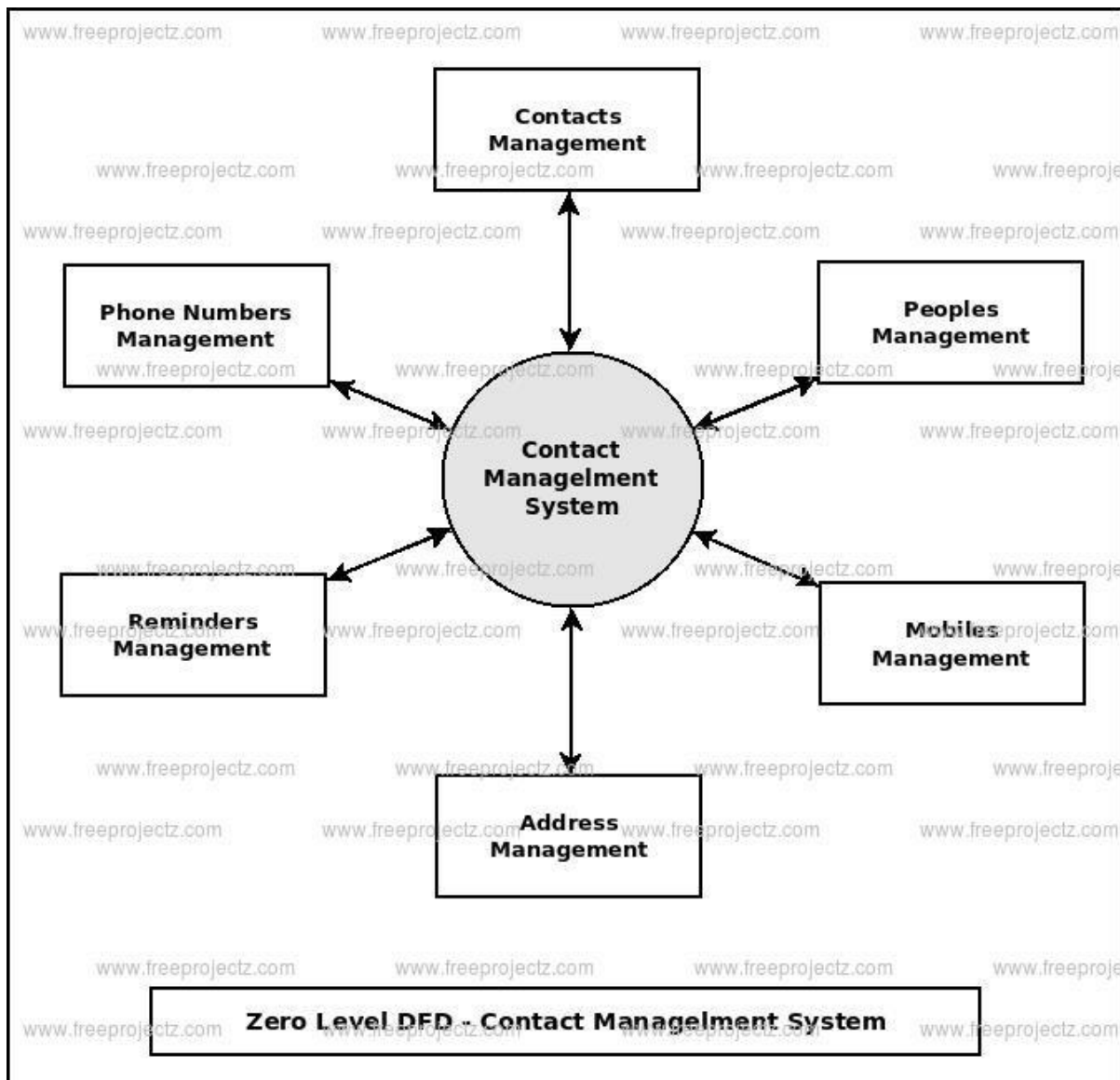
2. Search phone records: This function is very simple, and with it users can search for a phone record either by providing the phone number or by the name of a particular person whose record has already been added in the file.

3. Show phone records: In phonebook management system, this feature allows user to list all the phone records stored in file. The information displayed here are phone record number, phone number and the person's name.
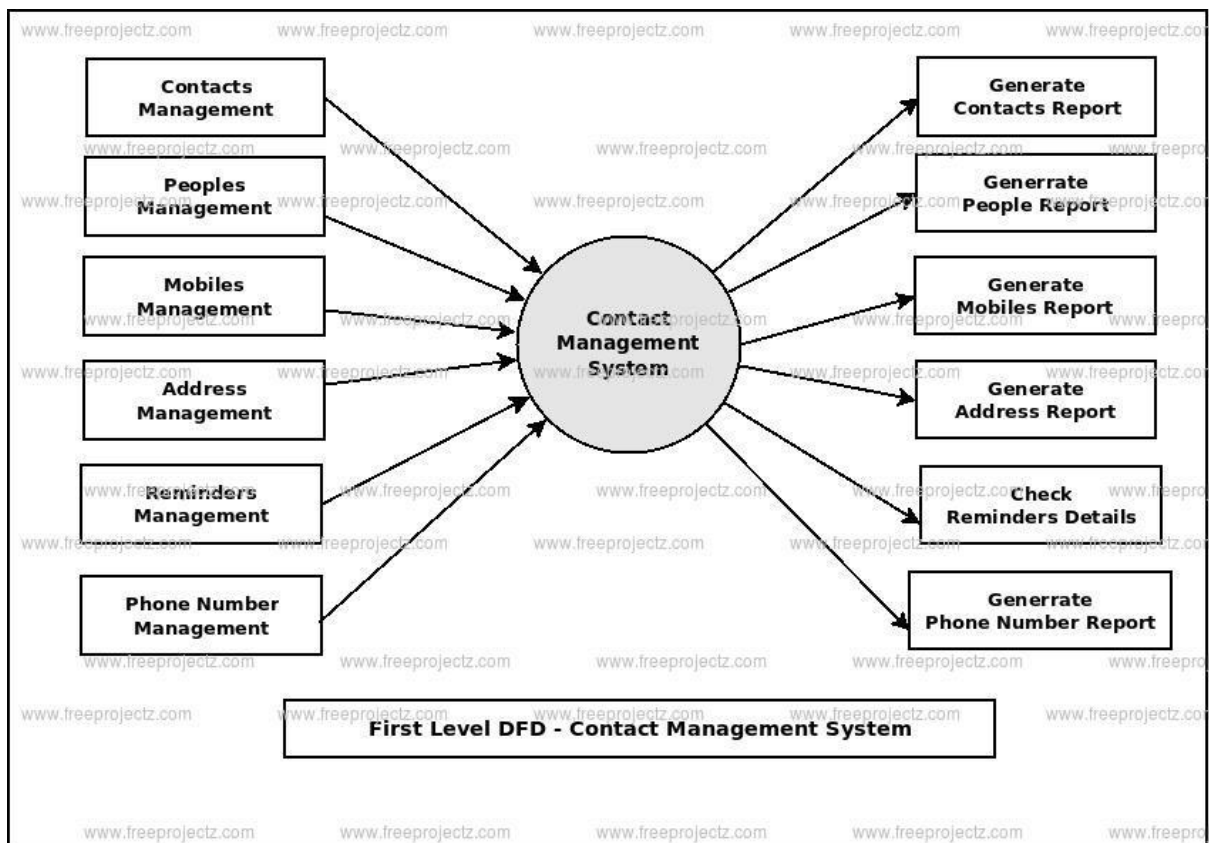
4. Modify phone record: This simple feature allows user to edit the phone number and person name corresponding to a particular phone record. Upon successful modification, the program displays the message – "Record modified successfully!"

5. Delete phone record: This feature deletes added phone record from the file. The user needs to provided the phone number to be deleted from phonebook management system. Upon successful deletion, it displays the message – "Record deleted!". If the phone number provided is not found in file, the program displays the message – "Record doesn't exist! Try again…"

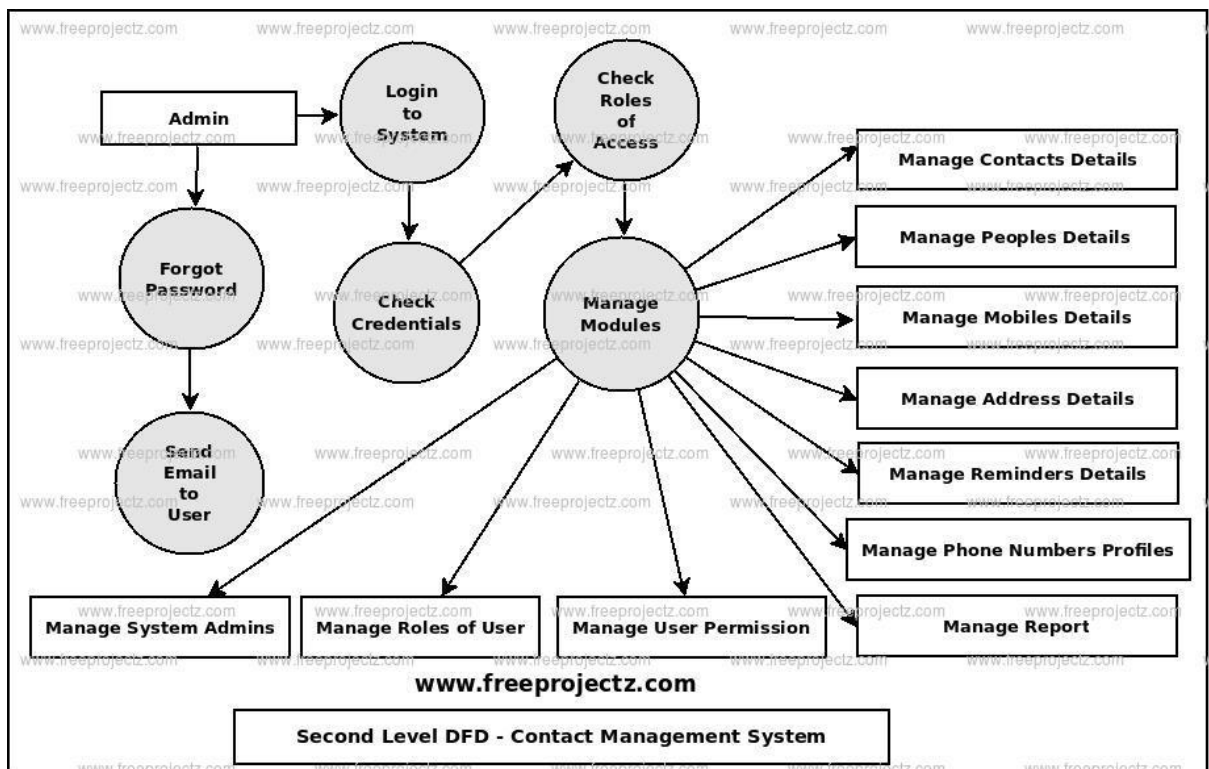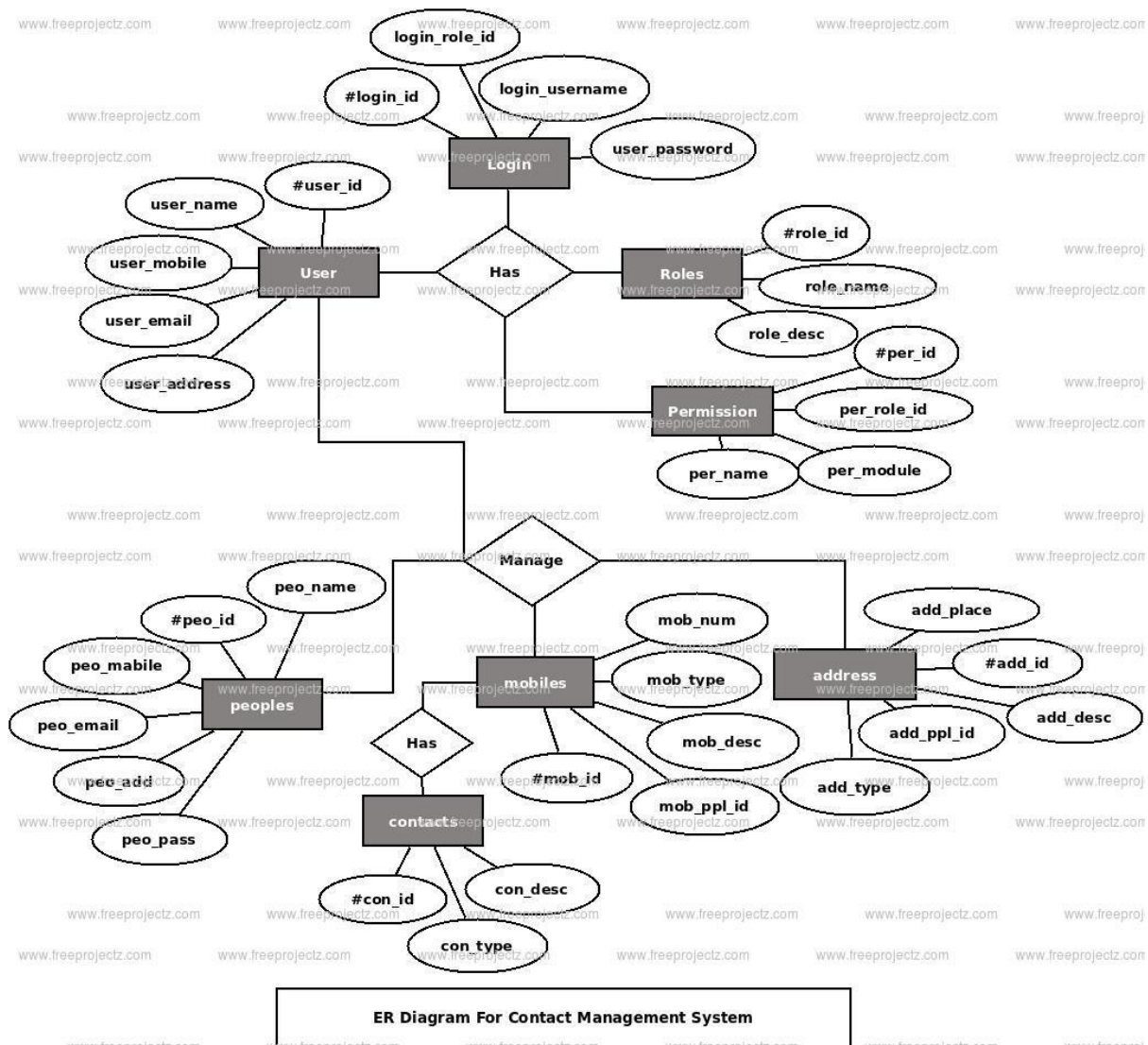# 0 LEVEL CONTEXT LEVEL DFD

Contacts Management

Phone Numbers Management

Peoples Management

Contact Managelment System

Reminders Management

Mobiles Management

Address Management

Zero Level DFD - Contact Managelment System

1 LEVEL CONTEXT LEVEL DFD

Contacts Management

Peoples Management

Mobiles Management

Address Management

Reminders Management

Phone Number Management

Contact Management System

Generate Contacts Report

Generrate People Report

Generate Mobiles Report

Generate Address Report

Check Reminders Details

Generrate Phone Number Report

First Level DFD - Contact Management System

2 LEVEL CONTEXT LEVEL DFD

Admin

Login to System

Check Roles of Access

Forgot Password

Check Credentials

Manage Modules

Send Email to User

Manage Contacts Details

Manage Peoples Details

Manage Mobiles Details

Manage Address Details

Manage Reminders Details

Manage Phone Numbers Profiles

Manage System Admins

Manage Roles of User

Manage User Permission

Manage Report

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Second Level DFD - Contact Management System

Entity Relationship Diagram

ER Diagram For Contact Management System

CONCLUSION

This PHONEBOOK MANEGEMENT SYSTEM project will server as a useful;
approach to data base dialog box to add and delete the contast for the
person.if server as helpful approach for the user.it provide easy way of add
and delete the contast. It reduces time taken by the user to save the
contast.thus the project is the user friendly approach.