

**A PROJECT REPORT ON
COLLEGE DATA BASE MANAGEMENT SYSTEM**

The project submitted in partial fulfilment of the requirement

For the award of

BACHELOR OF COMPUTER SCIENCE

SUBMIT

PUJALA MAHENDRA (REGNO: Y193037077)

KUNCHALA LAKSHMI PRASANNA (REGNO: Y193037068)

UNDER THE ESTIMATED GUIDENCE OF

MR.J. HANUMANTHARAO



**DEPARTMENT OF COMPUTER SCIENCE
TRR GOVT DEGREE COLLEGE, KANDUKUR
(AFFILIATED TO ACHARYA NAGARJUNA UNIVERSITY)
KANDUKUR -523105**

ACKNOWLEDGEMENT

The successful completion of any task would be but incomplete without the mention of the people who made it possible, with constant guidance and encouragement crowns all the efforts with success.

My sincere thanks to our internal guide, Lecturer in computer science, TRR Govt. DEGREE COLLEGE Mr. J. HANUMANTHARAO, for her over all guidance and support through out the course of my project work.

My sincere thanks to Sri. Dr. M. RAVIKUMAR Sir, Principal, TRR Govt. DEGREE COLLEGE, KANDUKUR for his continues encouragement incompletion of this project.

My special thanks and regards to D. SWETHA for encouraging me to carry out the project in and for the kind cooperation rendered during the project

CERTIFICATE

This is to certify that following student with name **PUJALA MAHENDRA** Bearing the Reg.No.Y193037077, name **KUNCHALA LAKSHMI PRASANNA** Bearing the Reg.No.Y193037068 from **TRR Govt. DEGREE COLLEGE KANDUKUR**, has successfully completed the project titled "**COLLEGE DATA BASE MANAGEMENT SYSTEM**" as a part of the course curriculum in our organization

This project has not been submitted previously in part or in full to this or any other university or institution forward of any Degree

D. S. S. S.

10/10/2021

11/11/2021

LECTURER IN COMPUTER SCIENCE
T.R.R. GOVT. DEGREE COLLEGE
NAAC Accredited B+
KANDUKUR, Prakasam Dist., A.P.

**A PROJECT REPORT ON
CHAT SERVER APPLICATION USING JAVA**

The project submitted in partial fulfilment of the requirement

For the award of

BACHELOR OF COMPUTER SCIENCE

SUBMIT

YASARAPU VENKATA HEMANTH (REG NO: Y193037082)

VELPULA VINEENDRA (REG NO: Y193037081)

UNDER THE ESTIMATED GUIDENCE OF

MR.J. HANUMANTHARAO



DEPARTMENT OF COMPUTER SCIENCE

TRR GOVT DEGREE COLLEGE, KANDUKUR

(AFFILIATED TO ACHARYA NAGARJUNA UNIVERSITY)

KANDUKUR -523105

2019-2022

CERTIFICATE

This is to certify that following student with name **YASARAPU VENKATA HEMANTH , VELPULA VINEENDRA** Bearing the Reg.No.Y193037082, Reg.No.Y193037081 from TRR Govt.DEGREE COLLEGE KANDUKUR , has successfully completed the project titled "CHAT SERVER APPLICATION USING JAVA PROJECT" as a part of the course curriculum in our organization

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22/06/22



LECTURER IN COMPUTER SCIENCE
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ABSTRACT

Now-a-days the job market is so extensive that a variety of industries and companies are searching for right candidates and the prospective candidates are searching for right companies for growth opportunities. This purpose is served by most of the job portals on line. This is another job portal with an open environment for the job seekers and recruiters to meet on the same dais and know about each other so that the right candidate is placed in a right company.

The aim of Web based Job Miller Package is facilitates both the candidates seeking jobs as well as the employers looking for employees for their companies. In this online application, any job seeker can search for the available jobs at any moment with updated information. When he finds a job, he can post his application to the job on line. Employers can advertise the vacancies by taking the membership, logging in and posting the job information with the eligibility criteria for the jobs. This software establishes a direct connection between the employer and the job seeker.

A job seeker can directly visit this portal and view the jobs availability information along with downloading the required information. When he logs into the system, he would be able to upload his application and post walk-in details which he knows would be held by a company. This information helps other users very much to attend the same. Further, the user will be able to view the list of companies for which ha has already applied. This enables him to take a decision when he gets a call from a company and how much time elapsed since he has applied for the company.

A registered user will be able to get useful information regarding the placement papers and sample resumes which help him to create his own resume according to industry standards. Common interview questions and sample covering letters are also available online along with FAQ's which aid the candidate to pave his route into the job world.

A recruiter or employer can view some part of the information of job seekers initially. When the recruiter logs into the system, he would be able to view the user profiles separately along with uploading the information of newly created jobs and walk-ins. He can also see all the applications received for a particular job in response to his advertisement. Thus Job Miller is a common platform where corporate recruiters and job seekers come under the same roof.

**A PROJECT REPORT ON
ELECTRIC BILLING SYSTEM USING JAVA**

The project submitted in partial fulfilment of the requirement

For the award of

BACHELOR OF COMPUTER SCIENCE

SUBMIT

SHAIK RAHAMAN (REG NO: Y193037078)

JADA ISSAC (REG NO: Y193037065)

UNDER THE ESTIMATED GUIDENCE OF

MR.J. HANUMANTHARAO



**DEPARTMENT OF COMPUTER SCIENCE
TRR GOVT DEGREE COLLEGE, KANDUKUR
(AFFILIATED TO ACHARYA NAGARJUNA UNIVERSITY)
KANDUKUR -523105**

CERTIFICATE

This is to certify that following student with
name **SHAIK RAHAMAN**,

name **JADA ISSAC** Bearing the
Reg.No.Y193037078,

Reg.No.Y193037065 from TRR Govt.DEGREE
COLLEGE KANDUKUR, has successfully
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SYSTEM USING JAVA PROJECT" as a part of the
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D. S. S. S.

*LC NAVER
22/06/22*

H. M. S. S.

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1. INTRODUCTION:

1.1 Introduction to Proposed System

Our project entitled “**Electricity Billing System**” aims is to generate electricity bill with all the charges and penalty. Manual system that is employed is extremely laborious and quite inadequate. It only makes the process more difficult and hard.

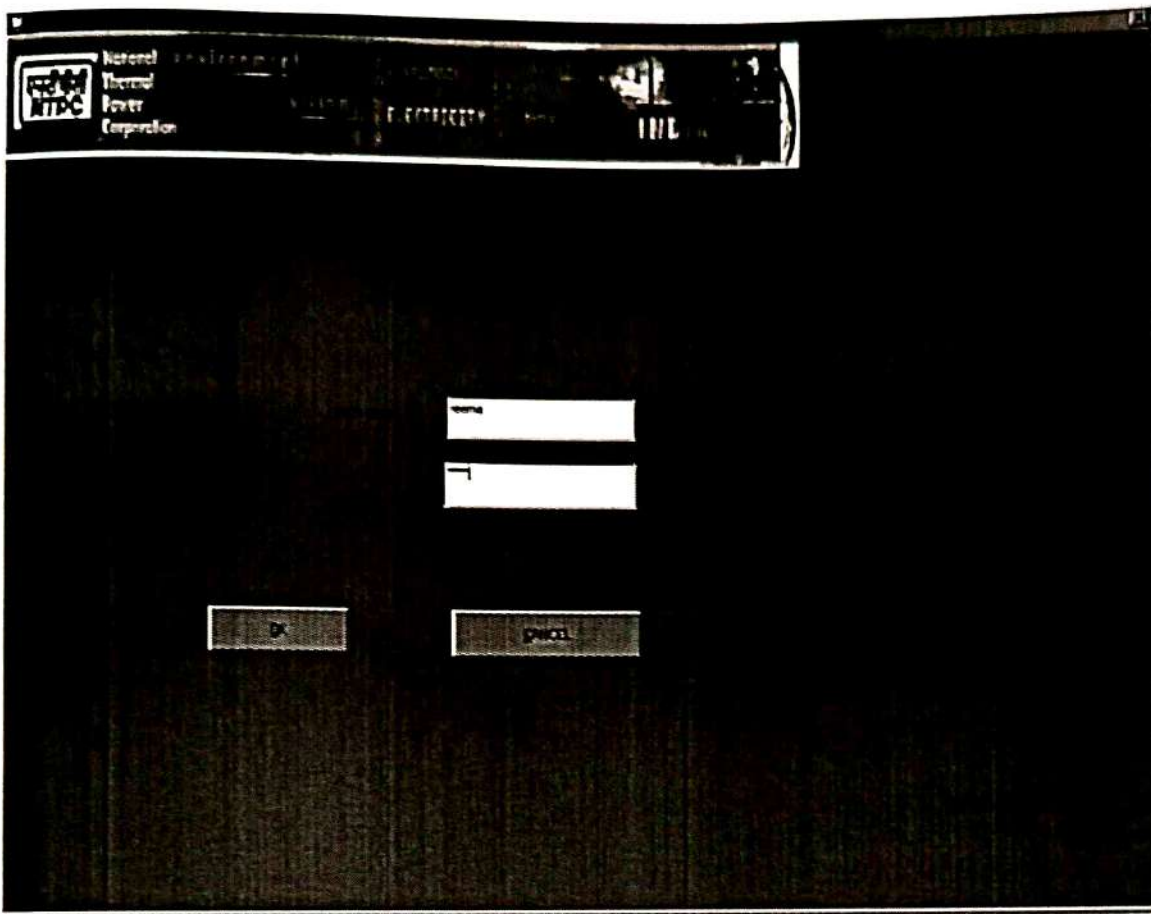
The aim of our project is to develop a system that is meant to partially computerize the work performed in the Electricity Board like generating monthly electricity bill, record of consuming unit of energy, store record of the customer and previous unpaid record.

We used Microsoft Visual Basic 6.0 as front end and MS-Access 2000 as back end for developing our project. Visual Basic is primarily a visual design environment. We can create a VB application by designing the form and that make up the user interface. Adding visual basic application code to the form and the objects such as buttons and text boxes on them and adding any required support code in additional modular.

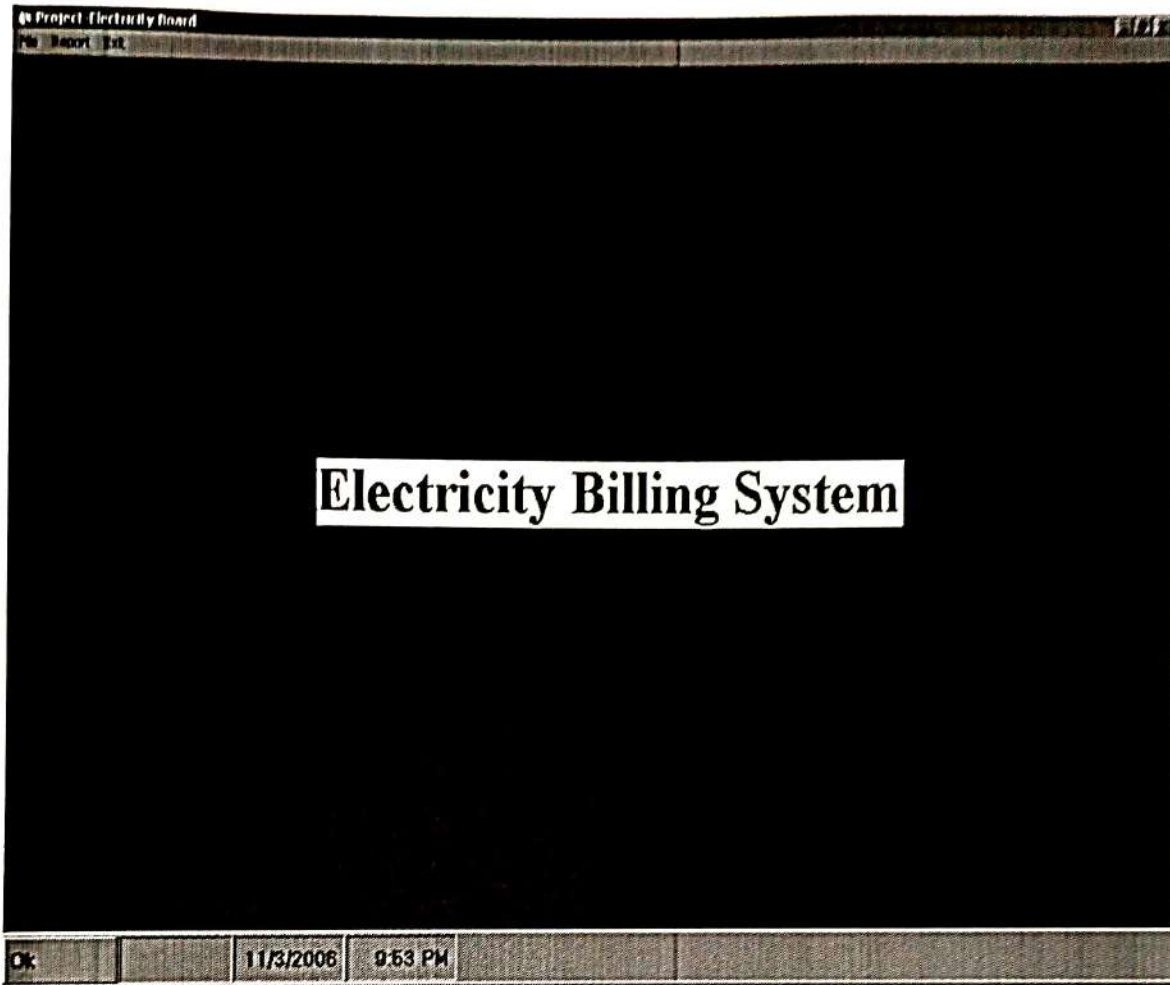
Microsoft Access 2000 is a powerful relational database application with which a desktop user can efficiently create and manipulate database systems. Access targets the desktop category and works best for individuals and workgroup
Managing megabytes of data for multi-user access to the same database, Access uses file-server architecture, rather than client-server architecture.

Access is included in the professional and developer editions of Microsoft office.

The overall project report is divided into some parts. These parts are further divided into their subparts. In the parts we have described the purpose, scope of the project, objective of the project i.e. approach which used for developing this software. It includes the topics like the problems with the existing system and the functionality of the organization. Introduction to tools, design, coding, testing and debugging of the system are discussed in very detail. We have also provided the names of the books from which we have taken guidance to complete the work. Last section contains the matter about the overall work performed and the efforts taken to complete the project.



MDI FORM OF PROJECT



DESCRIPTION FORM FOR ELECTRIC
CHARGES

Project-Electricity Board - [DESCRIPTION]

Bill Information

1.30 Rs	DOMESTIC 0
3.00 Rs	
3.50 Rs	
50.00 Rs	

OK

EXIT

11/3/2006 9:52 PM

DOMESTIC BILL CALCULATION FORM

Project: Electricity Billing System [BILL CALCULATION]

File Report Exit

DOMESTIC BILL

CUSTOMER INFORMATION		BILL DESCRIPTION	
Name	Raema Motta	Bill Month	5/10/2006
Address	1023 Usha Nagar Indira	Bill Number	221
Service Center	City Div W Indira	Bill Date	10/10/2006
Customer Id	102	Bill Pay Date	21/10/2006
		Total Bill	Ru278.2
		Bill Pay Amt	278.2

BILL CHARGE	
TOTAL UNIT	90
PRCHARGE	Ru 60.00
ENERGY CHARGE	Ru182
ELECTRIC DUTY	Ru27.3
SER.CHARGE	Ru8.9
TOTAL CHARGE	Ru278.2

OK | 11/3/2006 | 9:18 PM

COMERCIAL BILL CALCULATION FORM

Domestic Electricity Billing System - [Commercial Bill Form]

File Report Edit

COMMERCIAL DESCRIPTION

NAME	Reema Mahla	BILL MONTH	2/11/2006	TOTAL BILL	Rs1362.07125
ADDRESS	scheme, no 71 Usha N	BILL DATE	10/11/2006	SHOP NO	10
SERVICE CENTER	Gumasta nagar	BILL-DUE DATE	1/10/2006	BILL-PAY Rs	2167.96

commercial record

OK CLEAR

BILL CHARGE

TOTAL UNIT	267	OK	PREVIOUS
FX-CHARGE	Rs 100.00	CLEAR	NEXT
ENERGY CHARGE	Rs1103.75	EXIT	
ELECTRIC DUTY	Rs125.62125		
SER-CHARGE	Rs26.7		
TOTAL CHARGE	Rs1362.07125		

Ok 11/3/2006 9:26 PM

DOMESTIC CUSTOMER RECORD FORM

Project: Electricity Board [CUSTOMER RECORD]
File Report Edit

CUSTOMER RECORD OF ELECTRICITY BOARD

CUSTOMER INFORMATION		BILL DESCRIPTION	
Name	Roena Mehra	Bill month	1/2/2006
Address	1023 Jaha naga Indore	Tel no	600
Service Center	City Div W Indore		
Customer id	102		

Navigation buttons: [Home] [Back] [Forward] [Refresh]

Navigation buttons: [Up] [Right] [Left] [Down]

Buttons: [NEW] [SAVE] [DELETE] [Last View] [EXIT]

Buttons: [Home] [Back]

Footer: Ok | 11/3/2006 | 9:37 PM

COMMERCIAL BILL RECORD FORM

Project Electricity Board - [SEARCH FORM]

Customer Name: Rohit jain
Address: scheme, no 71 gumasta nagar
Service-Center: Gumasta nagar
Shop-No: 10

Bill Month: 2/13/2004
Total Bill: 2348 SCR

NEW SAVE DELETE LAST

Ok 11/3/2006 9:48 PM

DOMESTIC BILL REPORT FORM

The screenshot shows a software window titled "DataReport1" with a zoom level of 100%. Inside the window, a report titled "HOME CUSTOMER BILL REPORT" is displayed. The report contains a table with the following columns: name, address, centre, cus_id, bill date, and total bill. The data is as follows:

name:	address:	centre:	cus_id	bill date	total bill
Ranaj shukla	1023,Sudama	City Div W Indore	102	1/2/2004	600
Ranaj shukla	1023,Sudama	City Div W Indore	102	5/5/2004	578
Jmesh Singh	125,Jisha Neger	City Div-W Indore	103	3/3/2004	568
Madan Lal	Gumesta Neger,	Annapurna Indore	104	1/3/2004	500
Vishwaroop	12- gumesta nega	21	111	10/10/2004	458

At the bottom of the window, there is a status bar with the text "Ok", "11/3/2006", and "9:56 PM".

COMMERCIAL BILL REPORT FORM

The screenshot shows a software application window titled "Project-Electricity Billing". Inside, there is a sub-window titled "DataReport1" with a zoom level of 100%. The main content of the report is a table titled "COMERCIAL REPORT". The table has six columns: name, address, scenter, shop_no, billete, and totalbill. There are three rows of data in the table. At the bottom of the application window, there is a status bar showing "Ok", the date "11/3/2006", and the time "9:56 PM".

name:	address:	scenter:	shop_no:	billete	totalbill
Rohit Jain	scheme, no 71	Gumasta nager	10	2/13/2004	156
Ajay Kumar	299-A, Sudama	Annapurna Jhore	1	3/2/2004	345
Rajesh Patwari	44-c, Rajendra	Rajendra	2	1/24/2004	3456

8.2 DATA DICTIONARY:

This is normally represented as the data about data. It is also termed as metadata some times which gives the data about the data stored in the