

A
PROJECT REPORT
ON
"GYM
MANAGEMENT SYSTEM"

FOR



Arts, Commerce & Science College Sonai



SUBMITTED TO SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

BY

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Under the Guidance of

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IN PARTIAL FULLFILLMENT OF BACHELOR OF COMPUTER
APPLICATIONS

FOR THE ACADEMIC YEAR

2018-2019



Mula Education Society's
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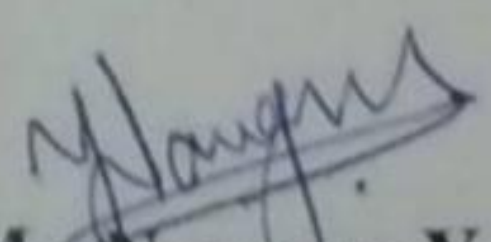
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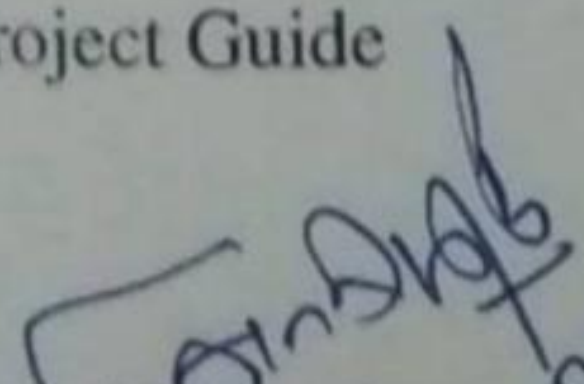
CERTIFICATE

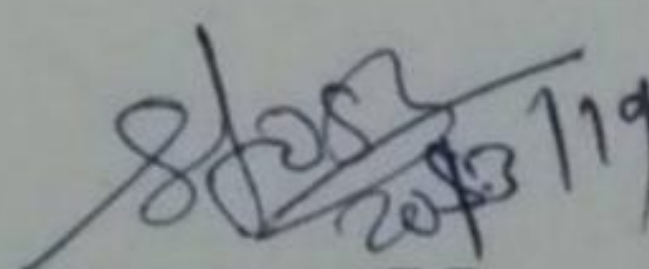
This is to certify that **Mr. Kadam Nanabhau Babasaheb & Mr. Kadam Nilesh Arjun** are bonafide students of **Arts, Commerce and Science College, Sonai** have successfully completed the Mini project work as prescribed by the Savitribai Phule Pune University, Pune in the partial fulfillment of the requirement of Third Year, Bachelor Of Business Administration (Computer Application). Program for the academic year **2018-2019**.

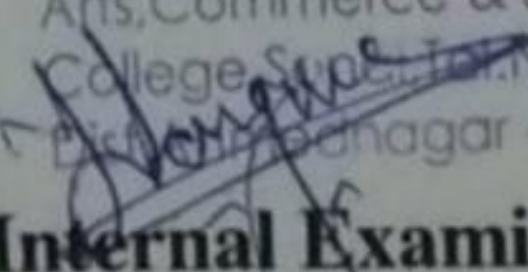
The Project Work titled as "**GYM Management System**".


Mr. Nangare Y.L

Project Guide


External Examiner 22/03/19


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H.O.D.
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DECLARATION

We hereby declare that the project work entitled, "**GYM Management System**" submitted under the guidance of **Mr. Nangare Y.L** is our original work completed under the four walls of our institute.

The Report submitted is our own work and has not been duplicated from any other source. We shall be responsible for any un pleasure moment/situation.

Mr. Kadam Nanabhau Babasaheb
Mr. Kadam Nilesh Arjun

ACKNOWLEDGEMENT

At every outset we express my gratitude to almighty lord for showering his grace and blessings upon me to complete this project.

Although our name appears on the cover of this book, many people had contributed in some form or the other form to this project development. We could not done this project without the assistance or support of each of the following we thank you all.

We wish to place on my record my deep sense of gratitude to my project guide, for his constant motivation and valuable help through the project work. Express my gratitude to **Dr. Laware S.L.(Principal)** and **Prof .Admane.S.L(H.O.D.)** of Arts, Commerce & Science College, Sonai for her valuable suggestions and advices throughout the **B.B.A(CA)**course. We also extend my thanks to other faculties for their Cooperation during my Course.

Finally we would like to thank my friends for their cooperation to complete this project.

Mr. Kadam Nanabhau Babasaheb

Mr. Kadam Nilesh Arjun

INDEX

Sr. No.	Title	Page No.
1.	INTRODUCTION	
1.1	Existing System and need for Proposed System	
1.2	Scope of the work	
1.3	Operating Environment-H/W, S/W	
2.	Chapter 2: PROPOSED SYSTEM	
2.1	Proposed System	
2.2	Objective of System	
2.3.1	Fact Finding Techniques	
2.3.2	Feasibility Study	
3.	Chapter 3: ANALYSIS AND DESIGN	
3.1	E-R Diagram	
3.2	DFD	
4.	Future enhancements (If Any)	
5.	Conclusion	
	User Interface/Input Screens with data and Output Reports with data	

Introduction

We have done a project on Gym Management for database management and transactions. This system is proposed to be an automate database management & transactions. This stores employee, member, pay roll, receipts, and products information. It also provides the facility of search & advanced search for searching the records efficiently & immediately. This system provides data storing & report generation with graphical user interface(GUI).

Existing System and Need for Proposed System

Existing System: -

- The existing system was consisting of the manual work which was written by hand on the paper. All the record are maintained manually.
- Limitation of GYM management system
- Require Light Connection
- Computer must require
- Reduction

Need of the proposed system

- 1 To keep the GYM record accurate for long years.
- 2 The proposed system help in reducing the paper work up to the large extent.
- 3 All important data is maintained.
- 4 Data accuracy.
- 5 Fast and reliable information distribution

Scope of the Work

The proposed system is designed by taking into consideration all the limitations of manual system. Existing manual system & as per the requirement suggested by user. It is designed in such a way that it hold all the information that we need for data processing & to generate various reports as per requirement.

- 1) Time sharing.
- 2) Rapid information processing.
- 3) Accurate report generation.
- 4) Less paper work.
- 5) Fast & reliable information distribution.
- 6) Reduction in cost.

Operating Environment-H/W, S/W

Minimum Software Requirements:

Software is the collection of programs. For running of the system Software is needed.

Operating System Software	:	Windows 7/xp
Software	:	NetBeans IDE 8.1
Documentation	:	MS Office

Minimum Hardware Requirement:

Physical requirement i.e. Monitor, CPU, Mouse, Printer etc. are called as Hardware requirements.

- RAM : 512 MB
- Hard Disk : Minimum 160 GB
- Printer : Laser printer
- Keyboard : Standard 102-key Keyboard
- Display type : Standard VGA Monitor.

Need for Proposed System: -

The need for computerized system in our 21st century. A computer is needed in every field in everywhere and it is the fact that the computerized system is much better than existing system. (Manual system) In this system less time required. There is no risk of lost of details. Also the data feeding and updating is easy. Previously it was the job of more people at different departments. But by using this system all above problems are overcome. Only few persons are required to operate computerized system.

Advantages Of Computerization: -

The computerized system is very useful because of following points

1) **Economy: -**

These systems can analysis the data at the lower cost than the manual system.

2) **Speed: -**

Computers work at a very high speed.

3) **Accuracy: -**

Accurate result can achieve. Result of report generation is very accurate.

4) **Security: -**

As the data stores in magnetic device such as hard disc and floppy disc.

5) **Reliability: -**

As the data is saved one can add, modify and delete when required. Machine is always reliable the human.

FEASIBILITY STUDY

INTRODUCTION:

This is always essential to evaluate the various aspects before we develop the system. Evaluation should always justify the cost and benefit ratio. It is found that benefits are less as compared to the cost of avoided going in for computerization.

Feasibility project is justify by: -

1. Economical feasibility.
2. Technical Feasibility.
3. Social and Operational feasibility.
4. Behavioral feasibility.

ECONOMICAL FEASIBILITY: -

This also called as COST BENEFIT ANALYSIS. Cost and benefit analysis gives us for computerization, the cost will reduce in some aspects and respective increase in not as much as compared to reduction computerization will reduce the requirement staff. It will also reduce the cost of non-reusable stationary; the computer stationary will replace the various types of bills and registers.

TECHNICAL FEASIBILITY: -

In this type of feasibility we have to see that whatever existing system in the organization supports the computerized systems or not.
In other words, is the computerized system working same as that of the existing system?

The computerized system may not create any problem, if any problem regarding to the system occurs, then the manner can contact to the software consultancy firm, so that they can remove the problems or bugs.

The system can also be expanded if the need arises. There are technical guarantees of accuracy reliability and easy to access of data and data security.

SOCIAL AND OPERATIONAL FEASIBILITY: -

As the new system involve less persons the confusion arising in the process, the time lagged, the labor and other cost are reduced.

Operating with records in both situations in quite different. Manual system was also disliked, because of completion and other hassles involve maintaining records. After computerization it becomes the job of single operator with no risk involved on posting and report generation. Speed of the operator is also increased substantial.

BEHAVIORAL FEASIBILITY: -

As computer do the job of many people, less number of peoples required. Replacing the existing system with the computerized system will not affect the job employment of the existing employee as the employee can be shifted to other departments. For this reason the current staff does not oppose the computerized system. Users should be trained through courses, so they will become familiar to the system and operate the. System easily

TRAINER DETAILS

The screenshot displays a software application window titled "TRAINER DETAILS". The window contains a form with several input fields and buttons. The form fields include:

- ID: 1
- Name: 123
- DOB: 3/11/2018
- Salary: 8000
- Shift time: 7-9

Buttons visible on the right side of the form include: Add, Save, Update, and Exit. A message box is overlaid on the form, displaying an information icon and the text "Saved!".

The background of the application window shows a photograph of a gym with people on treadmills. The Windows taskbar at the bottom shows the Start button, a search bar, and several application icons. The system tray on the right shows the date and time as 10:47 AM on 14-Mar-19.

EQUIPMENT COLLECTION

The screenshot displays a Java Swing application titled "EQUIPMENT COLLECTION" running in an IDE. The application window features a background image of a person and contains several text input fields and buttons. The IDE shows the source code for the application, including a database connection and an update method. A "Saved" message dialog is also visible.

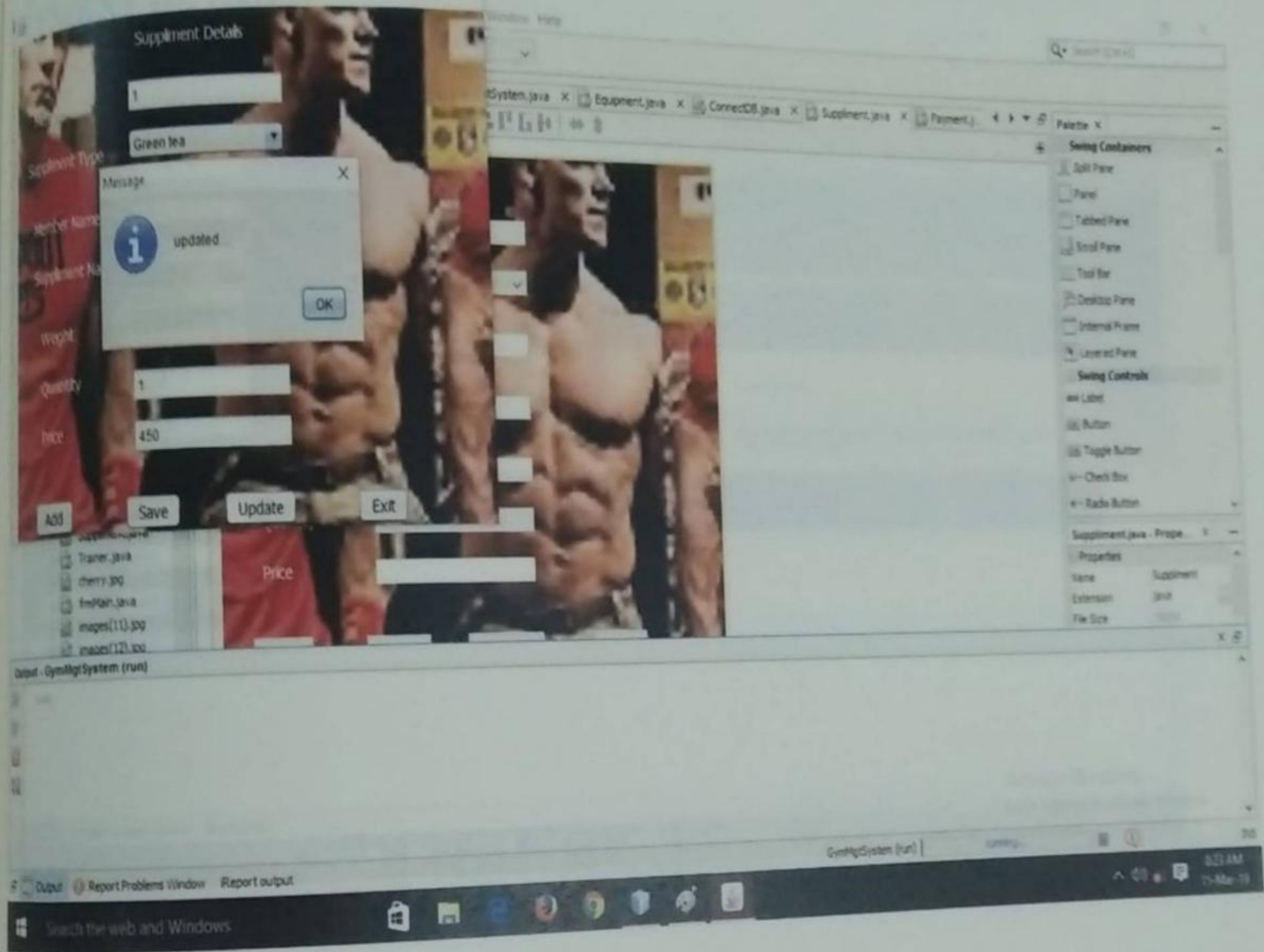
Application Window:

- Buttons: Add, Save, Update, Exit
- Input fields: 10, weight bar, DB SCALE, 10, 3

Source Code:

```
private void txtupdateActionPerformed(java.awt.event.ActionEvent evt) {  
    conn=ConnectDB.connect();  
    try {  
        pstmt = conn.prepareStatement("update equipment set extension=? where extension=?");  
        pstmt.setString(1, extension.getText());  
        pstmt.setString(2, txtid.getText());  
        pstmt.executeUpdate();  
    }  
}
```

SUPPLIMENT DETAILS



PAYMENT DETAILS

YOU DON'T GET WHAT YOU WISH FOR. YOU GET WHAT YOU WORK FOR.

Payment Detail

ID	<input type="text"/>
Refresh	<input type="text"/>
887884321	<input type="text"/>
Account No	348978
Party(merchant)	3332019
Salary	8000
Advance	4000
Total Amount	4000

The screenshot shows an IDE window with a web browser displaying a Java application. The browser has several tabs open, including 'index.html'. The application has a blue header with 'ANSIDE' and navigation links like 'Learn & Discover', 'My ToolBugs', and 'What's New'. A 'Message' dialog box is open in the foreground, displaying an information icon and the text 'Saved...'. Below the dialog, there is a section for 'Install Plugins' with a note: 'Add support for other languages and technologies by installing plugins from the JetBrains Update Center.' The IDE's status bar at the bottom shows 'DebugConsole (out)' and the system tray includes the date '15-Mar-20' and time '9:04 AM'.

PAYMENT REPORT DETAILS

GYM

Payment Report

Thursday 14 March 2019

PID	MID	MNAME	PHONE	BNAME	ACCOUNT	Date	SALARY	ADVANCE	TOTAL
1	1	Om	9867454352	HDFC	9867454352	1/3/2019	8000	3000	8000
2	2	Rajesh	987654321	HDFC	987654321	1/3/2019	8000	0000	8000
3	3	Sandy	9960785467	HDFC	9960785467	1/3/2019	8000	5000	8000
4	4	Ravi	9908806578	HDFC	9908806578	1/3/2019	8000	4000	8000
5	5	Amol	9011654634	HDFC	9011654634	1/3/2019	8000	2000	8000

FEE DETAILS

The screenshot shows a Java Swing application window titled "Fees detail" with the following fields and buttons:

- Member ID: 11
- Member Name: Rana
- Shift: Morning
- Fee (per day): 1500
- Supplier (ID): 450
- Total Amount: 1850
- Buttons: Search, Save, Update, Exit

The background of the application window shows a gym environment with a man working out.

The SQL Server Enterprise Edition window shows a query result with the following data:

Matching Rows:			
	SHIFT	AMOUNT	TOTAL_AMOUNT
1	Morning	1500	1500
2	Morning	1500	3000
3	Morning	1500	4500
4	Morning	1500	6000

" CONCLUSION "

This system will make daily transaction in short time and report generate easily & correct which was so complicated in previous manual system because everything had to be carried out manually.

This system is easy to understand and operates and also user friendly.

All the difficulties of system have been removed. The user can get all the information he wants as it can help himself and he is guided throw with all the information. Also less time is required for the processing.

Future Enhancement

Small Wonder ~~System Management~~ project have some future enhancements such as:

- Will try to embed biometric system
- More data accuracy
- Report generation make easier