



A
PROJECT REPORT
ON

“Gym Management System”

Java(jdk 1.8)

SUBMITTED TO

**Yashwantrao Chavan School Of Rural
Development , Kolhapur.**

**in the partial fulfillment of
MCA Part-II , Sem-IV
(2021-2022)**

Presented By

Mr. Pakhale Satyajit Chandrakant.

Miss. Kadam Amruta Shashikant.

**UNDER THE GUIDANCE OF
Asst. prof. P. S. Vadar Sir**



CERTIFICATE

This is to certify that Mr. Pakhale Satyajit Chandrakant & Mr. Kadam Amruta Shashikant Are bonafied student of this college studying “Mater of Computer Science (M.C.A)-Part- IV during this year 2021-22” .They have in completed their project work entitled Gym Management System, In JAVA satisfactorily .Their Project work shows their hard work and sincere efforts .

Place: .

Date:



CERTIFICATE

This is to certify that **Mr. Pakhale Satyajit Chandrakant & Miss. Kadam Amruta Shashikant** have satisfactorily completed their project work “Gym Management System”, In Java. In the partial fulfillment of **Mater of Computer Application (M.C.A IV)** through “Shivaji University, Kolhapur” During the year 2021-2022

Place:

Date:

Project Guide

Mr. Parashuram Vadar

Examiner

Golden Gym, vita

CERTIFICATE

This is certifying that Mr.Pakhale Satyajit Chandrakant & Miss. Kadam Amruta Shashikant of M.C.A IV from Yashawantrao Chavan School of Rural Development Kolhapur under Shivaji University Kolhapur. Have satisfactory completed the project work for our organization. They have honest and sincere in their work.

Their performance was excellent and we found their honest and dedicated towards their work. We wish them all the best for their future assignment and work.

Place:-

Date:-

**Owner:- Mr.Dattatray Vasant Pawar
A/P:- Vita,
Tal:- Khanapur Dist:- Sangli.**

DECLARATION

We undersigned hereby declare that the report entitled "Online Telephone Billing System" for the award of Master Of Computer Application through Yashwantrao Chavan School Of Rural Development ,Kolhapur is our original work prepared under guidance of Mr.Parashuram S Vadar .The Empirical finding in this report are based on data collected by us.The matter presented in this report is not copied from any source.

Further,I declare I have not violated any of the previous under copyright act.

Place:-

Date:-

Mr. Pakhale Satyajit Chandrakant.

Miss. Kadam Amruta Shashikant.

ACKNOWLEDGEMENT

Every project is always a scheduled, guided & coordinated team effort aimed at achieving common minimum goals. This minimum goal cannot be achieved without the guidance of guide.

It is with immense pleasure that we present our report to our project guide **Mr. Parashuram S Vadar**. We find no words to describe his efforts and total confidence in our potential to see this project to completion. He has always been a source of inspiration and atower of support boosting our moral beyond imagination. We would like to express our gratitude to our I/C Director **Prof. Dr. P. R. Pawar** for his continuing support and encouragement. We sincerely express our gratitude to our parents for their blessing for making this project successful.

Finally we are thankful to our Department and all our friends who have helped us to realize our efforts.

Thanking all of them again.

Place:

Date:

Thanking You!

Mr.Pakhale Satyajit Chandrakant

Miss. Kadam Amruta Shashikant

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CHAPTER 1

INTRODUCTION

1.1 **Introduction and Organization Profile**

Introduction:

What is Gym Management System?

We all know health is a wealth. We do not need a fancy car, big apartment, a doctor degree without a health. Being healthy is a first thing we need to keep in mind. Because most of time our attitude depends on how we feel. Being healthy and fit gives us energy to do anything. So how do we stay fit? Be active, eat green and hit a gym!

Physical fitness is very necessary for a healthy and tension free life. Physical fitness includes diet, exercise and sleep. These three basic things have their own importance in each individual's life and everyone should be sensible with regard to these for a healthy life.

Organization Profile:

Our proposed "Gym System" is for those who runs a gym business. Before doing anything we did a decent research on major difficulties for gym owners. We examined carefully about how to make a huge registering system without failure as well as different functions for different kind of user depending on their privilege.

Objectives

First thing we wanted to do in designing is avoid boring formal user interface. So we tried to develop modern graphic user interface system. This application is for gym owners as well as for their staffs to register new member, and take body measurements and see the reports of financial and individual body progress. To use features of our application user has to enter password and username. If you want to visit and make changes in admin panel you have to unlock the admin panel by typing password in it. In the admin panel admin able to create username with password, set privilege to groups which means which user can do what operations like see report, take measurement etc. Also admin able to create groups and membership plans and apply it.

1.2 Existing Manual System

An Existing system refers to the system that is being followed till now. Presently all the resume Functionalities are done manually. This is making the person very difficult to keep track of the client and the members in the job seeker.

2.1.1 Drawbacks of Existing System

- a. Time consuming.
- b. Updating and Retrieval tasks are very tedious.
- c. Highly error prone.
- d. Easy Customer service is difficult.
- e. Lot of paper work results in lot of confusion.
- f. No direct role for the higher officials.

To avoid all these limitations and make the system working more accurately it needs to be **Computerized**

1.3 Need of computerization

- The proprietor of the gym is the only managing the gym activities. He has to perform multiple tasks at a time which is very difficult.
- The proprietor has to keep the records of the members and trainers, batches and item purchases etc.
- This makes his job more complex. Thus to ease his job, the proposed system is developed.
- The proprietor will not have to keep different registers for different tasks, but by simply entering the records in computer, the records will be automatically saved on the disk.

* **Saving of man power and time:**

Due to computerization there is a considerably saving in manpower & time, because all the transaction is carried out automatically. Also there is no need to transfer the entries to multiple registers. If one record's is all corresponding effect to the required registers is carried out automatically.

* **Accuracy and Efficiency:**

No wrong data is possible because of validation checks given by system.

* **Early and correct decision making:**

Because of fast communication, Reports making procedure is simplified and fast. The latest product information as well as the previous report can be made available to gym.

* **Immediate response to queries:**

Due to computerization the queries of items can be answered. Due to generation of difficult type of report.

1.4 Scope of System

"Gym System" is such which is needed all times for gym. It is useful to give details at any time to gym management.

The scope of the system includes adding new members, allocating batches , assigning trainers purchasing of new items, suppliers details, member details etc. This system is designed to include all information of members as well as proper validations are kept to avoid mistake during data entry process.

This system is computerized so it reduces the time for processing as compare to manual system.

Output generated by the proposed system is accurate and precise, which further help the user to produce the reports according to requirement.

The records are any time available to the manager of system for future use.

The records are maintained using the system so the registers are not required.

1.5 **Feasibility Study**

One of the important criteria of the new system is that if it is feasible i.e. within the scope of organization or not. There are three major areas:

1. Technical Feasibility.
2. Economical Feasibility.
3. Operational Feasibility.

1. Technical Feasibility :-

It considers if it possible to develop a system on available hardware, software & manpower. It takes into consideration cost of hardware, software & technical equipment to see if the proposed system is technically feasible or not.

2. Economical Feasibility :-

Here the actual cost involved in the proposed system is calculated. It checks the cost benefits from the new system tangible & intangible benefits are acceptable or not.

3. Operational Feasibility :-

The system will be used if it is developed & implemented training of user, actual place of implementation and expenses of the training program are consider to see if it is operationally feasible for the organization. If it is carried by small no. of people familiar to information system, techniques & rules of business organization. The person must be skilled & experience in the system analysis & design process.

1.6 **Hardware and Software Specification**

*** Minimum Software Requirement ***

- Operating System : windrow Xp or more
- Front-End : JDK 1.8
- Back-End : Oracle 11g
- Reports : Jasper iReports(5.1.0)

*** Minimum Hardware Requirement ***

- Processer : core i3 and more
- RAM : 256 MB or More
- Hard-Disk : 10 GB or More
- Keyboard : Multi-Media 101 Keys
- Printer : Laser/ Inkjet Printer

1.7 Language Specification

Introduction to Front End Tool Visual Basic Dot Net

History and Introduction Java :-

The history of Java is very interesting. Java was originally designed for interactive television, but it was too advanced technology for the digital cable television industry at the time. The history of Java starts with the Green Team. Java team members (also known as **Green Team**), initiated this project to develop a language for digital devices such as set - top boxes, televisions, etc. However, it was suited for internet programming. Later, Java technology was incorporated by Netscape.

The principles for creating Java programming were "Simple, Robust, Portable, Platform - independent, Secured, High Performance, Multithreaded, Architecture Neutral, Object-Oriented, Interpreted, and Dynamic". **Java** was developed by James Gosling, who is known as the father of Java, in 1995. James Gosling and his team members started the project in the early '90s.

Java was started as a project called "Oak" by James Gosling in June 1991. Gosling's goals were to implement a virtual machine and a language that had a familiar C-like notation but with greater uniformity and simplicity than C/C++. The first public implementation was Java 1.0 in 1995. It made the promise of "Write Once, Run Anywhere", with free runtimes on popular platforms. It was fairly secure and its security was configurable, allowing for network and file access to be limited.

Introduction to Oracle 11g:-

Oracle Database 11g delivers economies of scale on easily managed low-cost grids, making it easier to reduce cost of downtime with maximum availability architecture, change IT systems faster using Real Application Testing, partition and compress data to run queries faster using less disks, securely protect and audit data, and enable total recall of data, and make productive use of standby resources with Active Data Guard.

This course addresses Oracle Database 11g Programming with SQL and is focused on:

1. Querying a Database with SQL
2. Conversion Functions, Conditional Expressions, Group Functions, and Joins
3. Manipulating Queries and Data
4. Using DDL, Views, and Schema Objects
5. Controlling User Access and Managing Objects
6. Managing Data Dictionary Views and Large Data Sets
7. Managing Time Zones and Datetime Functions

CHAPTER 2

Project Planning & Management

2.1 Introduction to Proposed System

Our proposed "Gym System" is for those who run a gym business. Before doing anything we did a decent research on major difficulties for gym owners. We examined carefully about how to make a huge registering system without failure as well as different functions for different kind of user depending on their privilege.

- **Benefits of new system**

1. The main aim of this is to simplify the management procedure and total administration of Gym.
2. As the system comprises of various forms, it's very easy to handle product interaction.
3. Due to computerization, it is very easy to search the data of members and trainers as well as the item purchased for gym.
4. This system is very time saving and easy.
5. All work is done by single person, so one trained person can do the entire job.

1. Interaction & Integration

User can easily interact with this software because it is easy to understand and implement. The language used is user friendly.

2. Security

The software developed meets the security level. Only the regular user can interact with it. The security levels like specific user name and password are provided.

3. User Friendly

The Proposed system is user friendly, provides help messages and error message. The user is facilitated with all the requisite application required for his day-to-day working.

4. Scalable

The system follows open system architecture.

5. Reliable

Output generated by the proposed system is accurate and precise, which further helps the user to produce the reports according to the requirement.

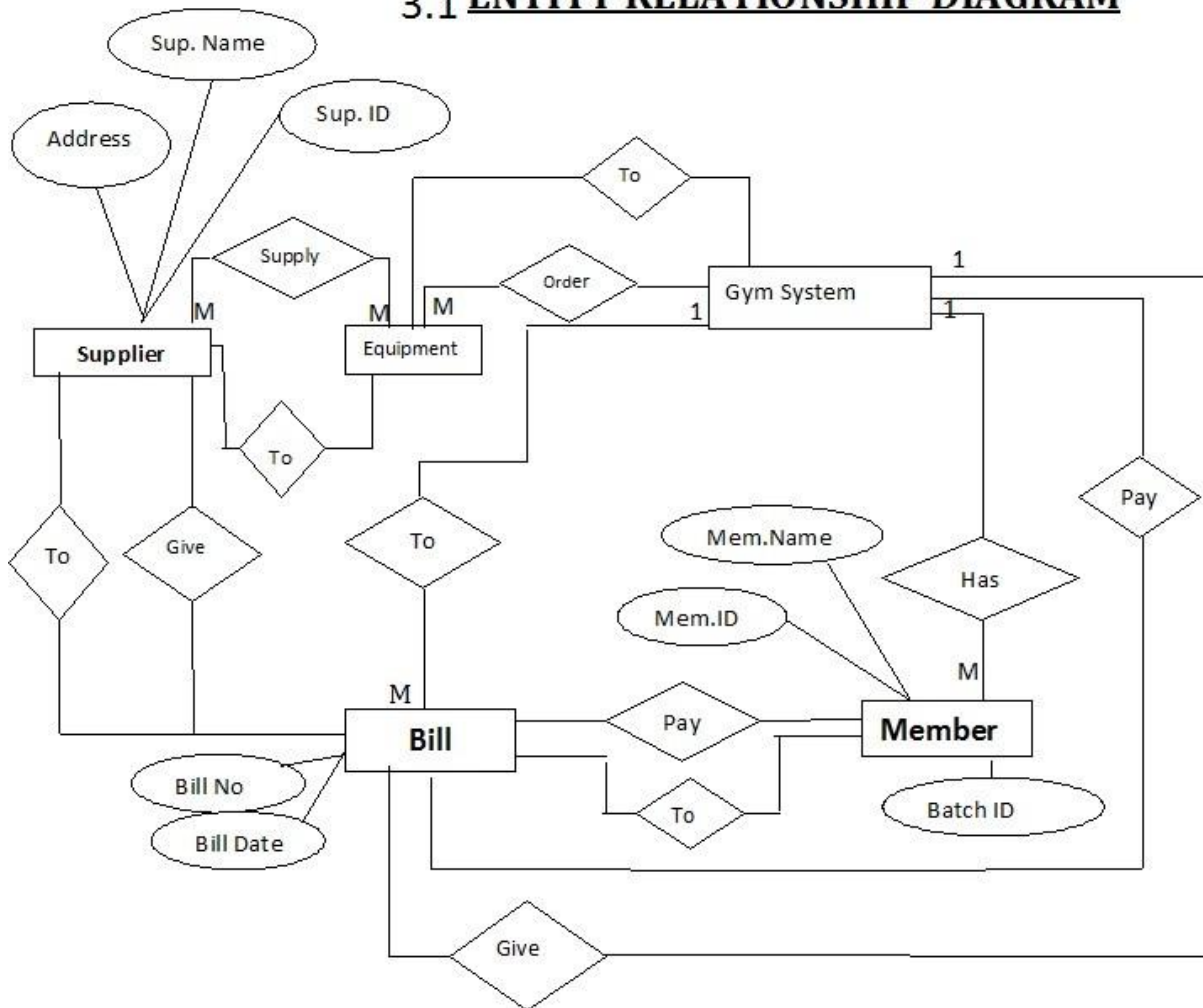
2.2 Information Gathering

The information for our project is gathered by direct contacting with the owner of the Mr. Pawar , and also by collecting information from members as well as trainers of the gym. Information like which types of the equipments are available, how much of discount they offer. How they maintain the goods and how many items are available there in the gym, what kind of services they provide to customers etc.

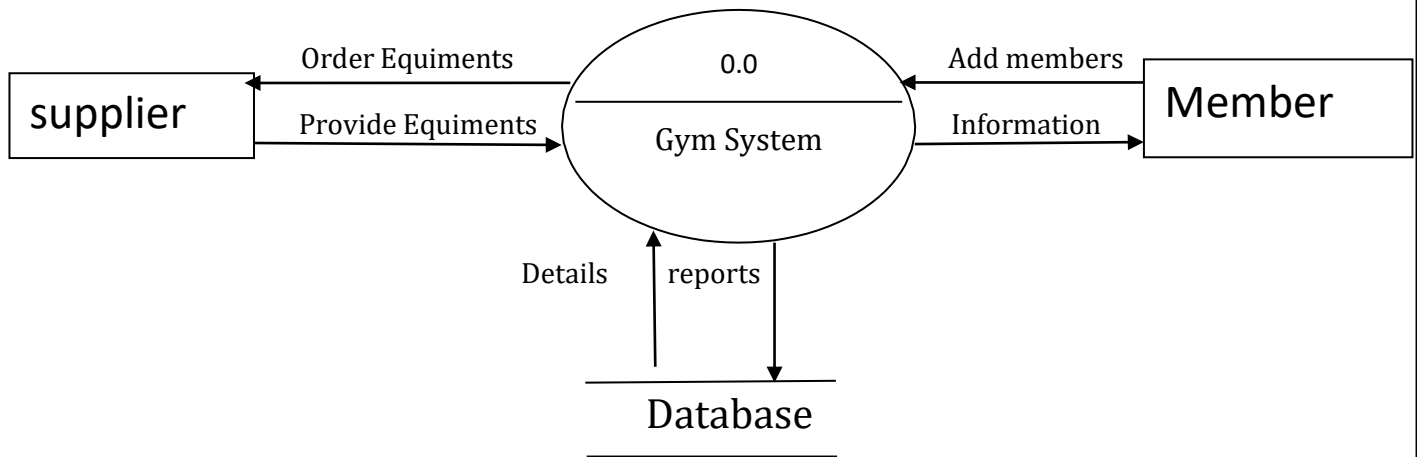
CHAPTER 3

SYSTEM ANALYSIS & DESIGN

3.1 ENTITY RELATIONSHIP DIAGRAM

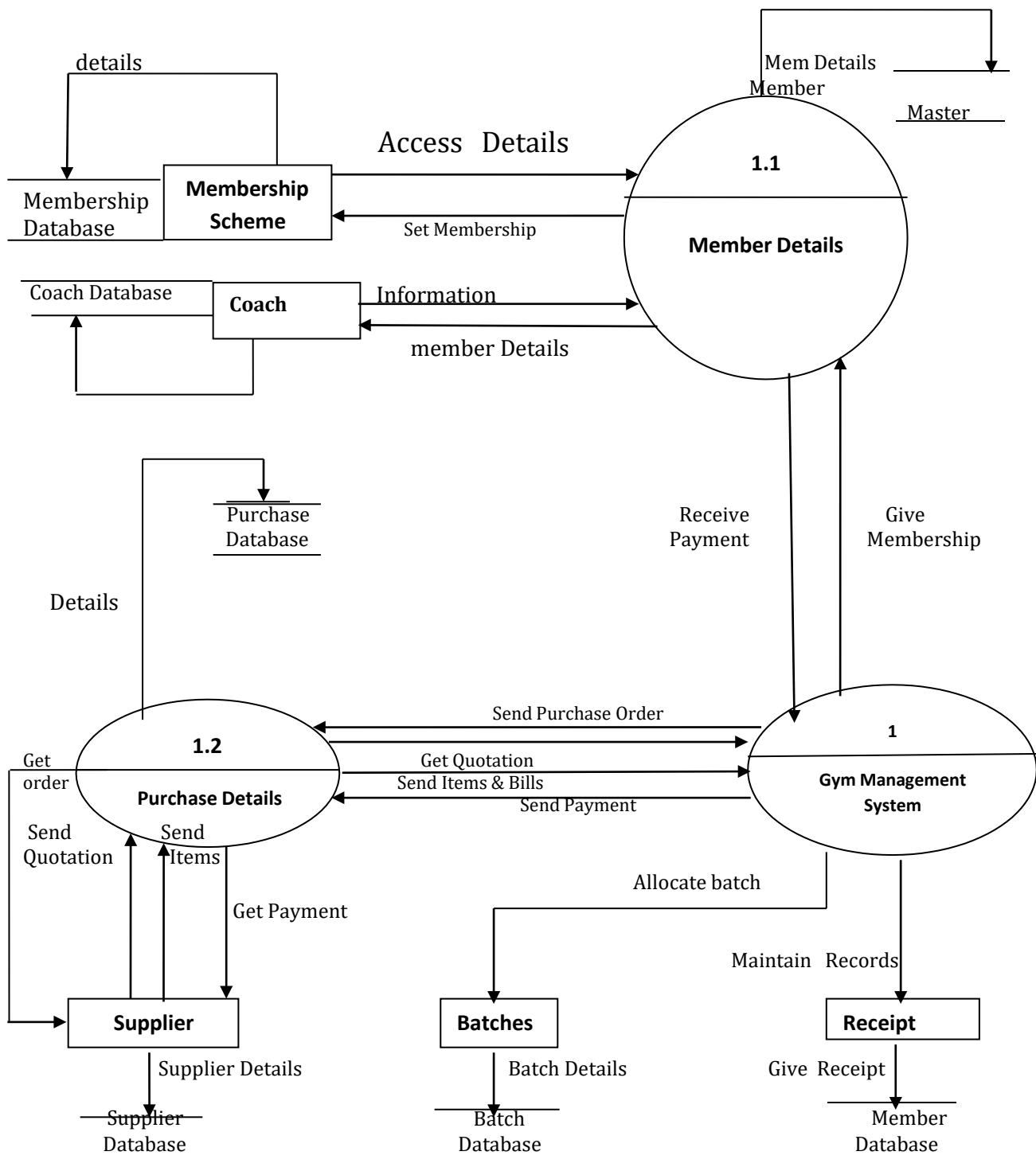


3.2 Context Level Data Flow Diagram



3.3

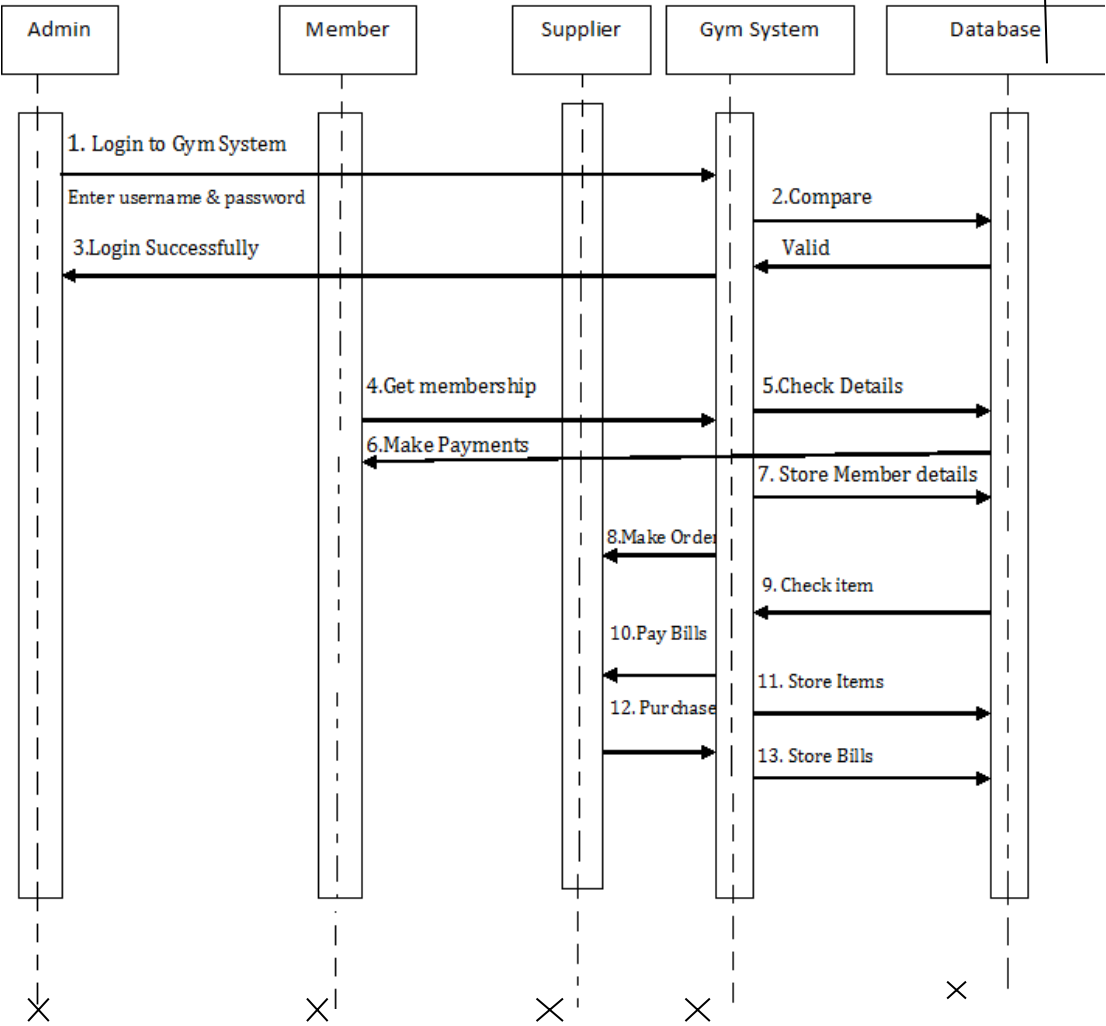
First Level Data Flow Diagram



3.4

Sequence Digram:-

Sequence Diagram



3.5 Data Dictionary

1) Table Name :- Login

❖ **Description:** - To Store Username & Password.

Column Name	Data Type	Nullable	Default	Primary Key
USERNAME	VARCHAR2(30)	No	-	1
PASSWORD	VARCHAR2(30)	No	-	-

2) Table Name :-Memberinfo

❖ **Description:** - To Store member Information

Column Name	Data Type	Nullable	Default	Primary Key
MEMBER_ID	NUMBER(30,0)	No	-	1
MEMBER_NAME	VARCHAR2(30)	Yes	-	-
GENDER	VARCHAR2(10)	Yes	-	-
CONTACT_NO	VARCHAR2(30)	Yes	-	-
MEMBER_ADDRESS	VARCHAR2(50)	Yes	-	-
MEMBERSHIP	VARCHAR2(30)	Yes	-	-
REGI_DATE	VARCHAR2(20)	Yes	-	-
BATCH	NUMBER(20,0)	Yes	-	-
WEIGHT	NUMBER(20,0)	Yes	-	-
HEIGHT	NUMBER(20,0)	Yes	-	-
INCH	NUMBER(20,0)	Yes	-	-
BMI	NUMBER(20,0)	Yes	-	-

3)Table Name :-Coach

❖ **Description:** - To Store coach Information

Column Name	Data Type	Nullable	Default	Primary Key
COACH_ID	NUMBER(30,0)	No	-	1
COACH_NAME	VARCHAR2(50)	Yes	-	-
COACH_ADDRESS	VARCHAR2(50)	Yes	-	-
CONTACT_NO	NUMBER(30,0)	Yes	-	-

4)Table Name :-Batch

❖ **Description:** - To Store batch Information

Column Name	Data Type	Nullable	Default	Primary Key
BATCH	NUMBER(20,0)	No	-	1
BATCH_TIME	VARCHAR2(30)	Yes	-	-
COACH_NAME	CHAR(30)	Yes	-	-

5)Table Name :-Suppliers

❖ **Description:** - To Store supplier Information

Column Name	Data Type	Nullable	Default	Primary Key
SUPPLIER_ID	NUMBER(20,0)	No	-	1
NAME	VARCHAR2(50)	Yes	-	-
ADDRESS	VARCHAR2(50)	Yes	-	-
CONTACT_NO	NUMBER(20,0)	Yes	-	-

6)Table Name :-Memberscheme

❖ **Description:** - To Store memberscheme Information

Column Name	Data Type	Nullable	Default	Primary Key
MEMBER_ID	NUMBER(10,0)	No	-	1
MEMBER_NAME	VARCHAR2(50)	Yes	-	-
MEMBERSHIP	VARCHAR2(20)	Yes	-	-
STR_DATE	VARCHAR2(20)	Yes	-	-
EX_DATE	VARCHAR2(20)	Yes	-	-
COACH	VARCHAR2(50)	Yes	-	-
BATCH	VARCHAR2(20)	Yes	-	-
BATCH_TIME	VARCHAR2(30)	Yes	-	-
FEES	NUMBER(20,0)	Yes	-	-
DISCOUNT	NUMBER(20,0)	Yes	-	-
TOTAL	NUMBER(20,0)	Yes	-	-

7)Table Name :-Purchase

❖ **Description:** - To Store Purchase Information

Column Name	Data Type	Nullable	Default	Primary Key
INVOICE_NO	NUMBER(30,0)	No	-	1
SUPPLIER_NAME	VARCHAR2(50)	Yes	-	-
SUPP_CONT_NO	NUMBER(30,0)	Yes	-	-
PUR_DATE	VARCHAR2(30)	Yes	-	-
EQUIPMENT	VARCHAR2(30)	Yes	-	-
EQUIP_TYPE	VARCHAR2(30)	Yes	-	-
QUANTITY	NUMBER(30,0)	Yes	-	-
PRICE	NUMBER(30,0)	Yes	-	-
DISCOUNT	NUMBER(30,0)	Yes	-	-
AMOUNT	NUMBER(30,0)	Yes	-	-

8)Table Name :-Sale

❖ **Description:** - To Store sale Information

Column Name	Data Type	Nullable	Default	Primary Key
SALE_NO	NUMBER(20,0)	No	-	1
MEMBER_NAME	VARCHAR2(50)	Yes	-	-
CONTACT_NO	NUMBER(30,0)	Yes	-	-
ADDRESS	VARCHAR2(50)	Yes	-	-
EQUIPMENT	VARCHAR2(50)	Yes	-	-
EQUIP_TYPE	VARCHAR2(50)	Yes	-	-
QUANTITY	NUMBER(30,0)	Yes	-	-
PRICE	NUMBER(30,0)	Yes	-	-
DISCOUNT	NUMBER(30,0)	Yes	-	-
AMOUNT	NUMBER(30,0)	Yes	-	-
SALE_DATE	VARCHAR2(30)	Yes	-	-

It is necessary to know that how the system should be used in this project involves the different input forms.

The project involves following forms as:

❖ Gym System :

This screen shows different menu as

- ◆ Master
- ◆ Transaction
- ◆ Purchase
- ◆ Report

❖ Master:

When you click on this menu then you get different menus within it which are like member master, coach master, batch master and supplier master etc.

❖ Transaction :

When you click on this button you get a option form to define a membership scheme and also view receipt.

❖ Purchase:

When you click on this menu button you get new entry form about the purchases made on behalf of the Gym.

❖ Reports

When you click on this menu you will get sub menus to generate the different reports which are needed for gym management. These reports are member report, supplier report, purchase report, coach report, batch report, payment receipt etc.

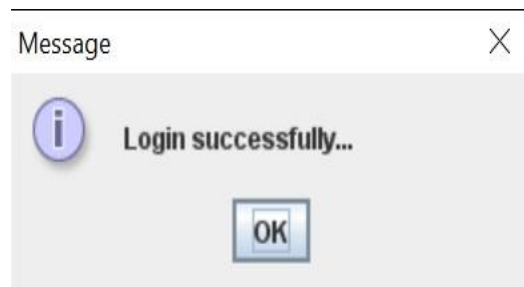
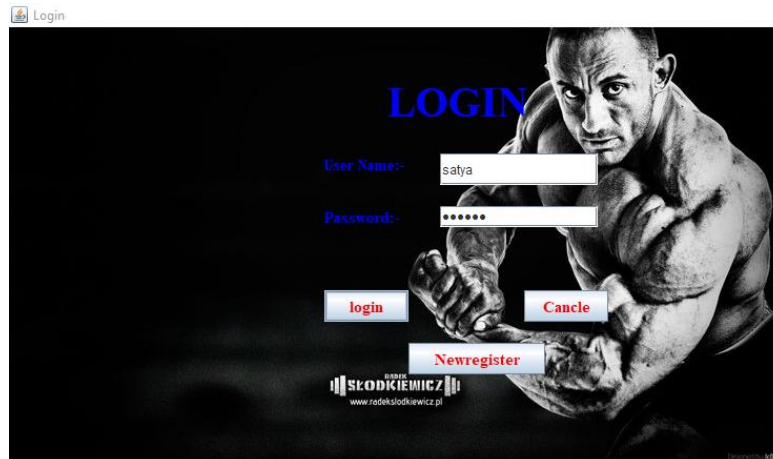
❖ Close:

When you click on this button the application closes

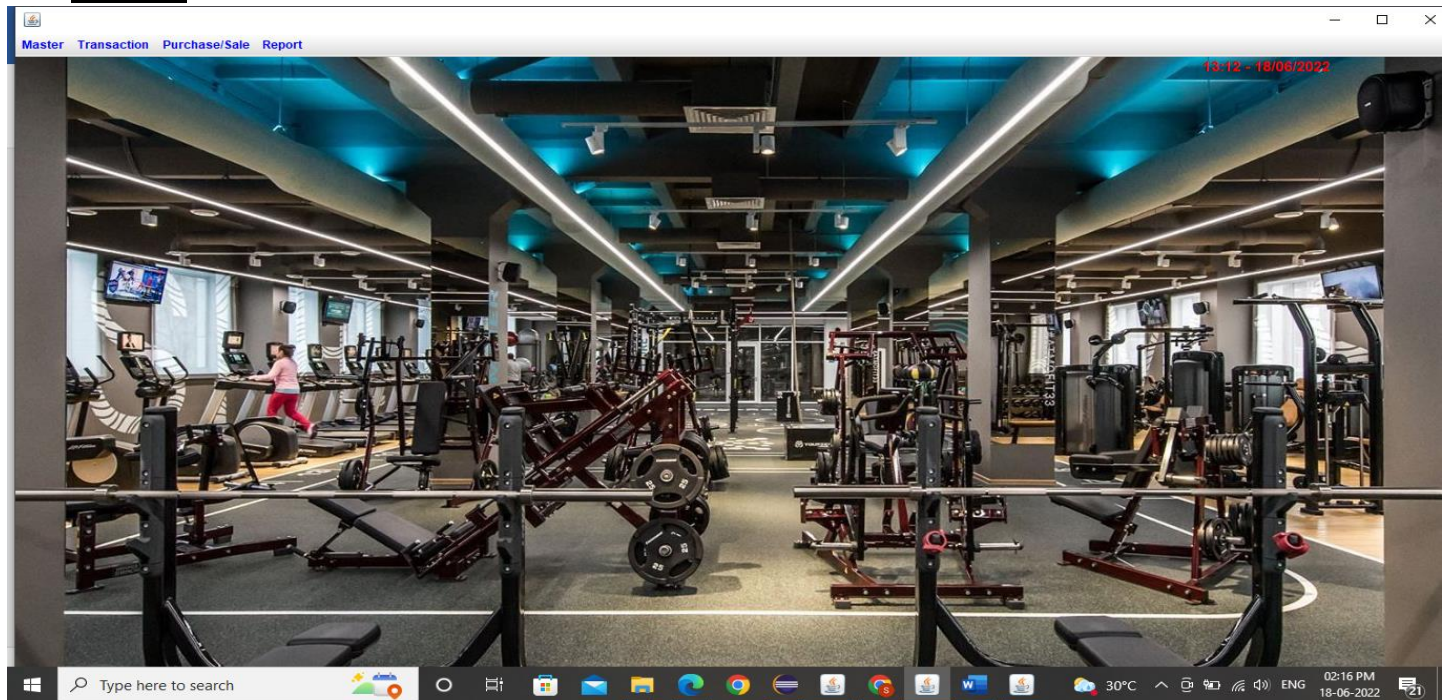
CHAPTER 4

OutPut:-4.1 Forms

1.Login Form



2. Home



3. Member:

Member Entry

Member ID: 6 Membership: 1

Member Name: Register Date:

Gender: ☐ Male ☐ Female Member Address:

Contact No: Match: 2

Weight: Height: BMI: Tip:

Insert

Update

Delete

Cancel

Member ID	Member Name	Gender	Contact No	Address	Membership	Register Date	Match	Weight	Height	BMI	Tip
5	pradeep	male	92606090...	latur	1	Mon Jun 0...	2	55	5	3	22
4	satya	male	89567456...	aashta	3	Wed Jun 2...	2	89	6	2	26
3	ganesh	male	89567456...	vita	1	Fri Jun 24...	2	89	6	2	26
2	Satyajit	male	82082142...	kolhapur	2	Mon Jun 1...	1	60	5	4	23
1	Rohit	male	94567895...	karad	1	Mon Jun 1...	1	56	5	3	22

Type here to search

29°C 04:31 PM 23-06-2022

4.Coach:

Coach Entry

Coach Id

5

Coach Name

mukesh sir

Coach Address

kherade

Contact No.

8856412356

Insert

Update

Delete

Cancel

coach_id	coach_name	coach_address	contact_no
5	mukesh sir	kherade	8856412356
4	pradip sir	nevti	8956412356
3	Amol sir	karad	9987452135
2	sanket sir	kadegav	8569874512
1	sandip sir	vita	9865741235

5. Batch:

Batch

Batch

4

Batch Time

8 to 9

Coach Name

Ashitosh

Save

Update

Delete

Cancel

batch	batch_time	coach_name
4	8 to 9	Ashitosh
3	7 to 8	mahesh
2	6 to 7	sadesh
1	5 to 6	sandip

6. Suppliers Info:

Supplier Entry

Supplier

Supplier id

9

Save

Name

Update

Address

Delete

Contact no

Cancel

supplier_id	supplier_Name	address	contact_no
8	Aakash	shirgav	8956231478
7	manish	Aashta	9963524178
6	santosh	mayani	9963524156
5	Abhijit	tasgav	8956471256
4	manoj	sangli	7845962314
3	Ajit	kundal	8754612455
2	pradip	kolhapur	8208214245
1	satya	vita	8208214245

7. Membership :

GOLD GYM

Memberscheme

Membership id

3

Str Date

07/11/2020

Save

Member name

Ex Date

Update

Batch

Coach name

Delete

Membership

Fees

Discount

Total

Print

Batch Date

8 to 9

Cancel

membe...	membe...	membe...	str_date	ex_date	coach	batch	time	fees	discount	total
1	Sushil	2	07/11/2...	12/12/2...	ABC	3	7 to 8	500	20	980.0
2	Rohit	2	07/11/2...	12/12/2...	ABC	3	8 to 9	500	20	980.0

8. Purchase:

GOLD GYM

Purchase

Invoice No

2

Date

07/11/2020

Insert

Supplier Name

avi

Equipment

cardio

Update

Supp_code

5554556566

Delete

Qty

10

Price

2000

Discount

10

Amount

19990.0

Print

Avail_stock

Cancel

Message

Inserted successfully...

OK

Invoice...	supplier...	supp_co...	pur_date	equipme...	equip_ty...	quantity	price	dis	amount
1	rohit	555455...	07/11/20...	cardio	treadmill	12	2000	10	23990.0
2	avi	555455...	07/11/20...	cardio	cycle	10	2000	10	19990.0

9. Sale:

GOLD GYM

Sale

S.No

3

Address

Save

Member Name

Sushil

Equipment

cardio

Update

Contact no

Equip Type

cycle

Delete

Qty

Price

Discount

Amount

Print

Avail_stock

22

Cancel

sale_no	membe...	contact...	address	equipm...	equip_t...	quantity	price	discount	amount
2	Sushil	544656...	Mayani	XYZ	xyz	2	2000	20	3980
1	Sushil	544656...	Vita	XYZ	xyz	2	2000	20	3980

1.Member:

1.Member:

2. Coach:

COACH REPORT

FIND

100%

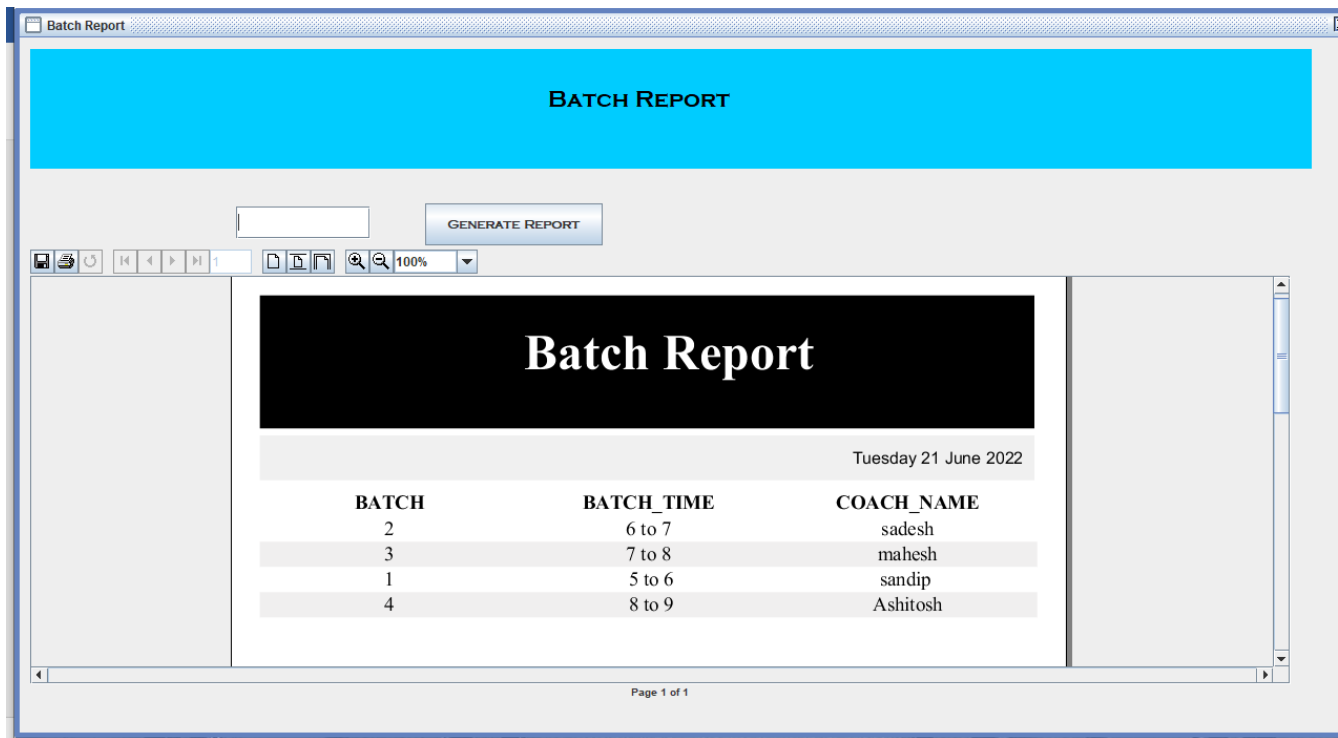
Coach Report

Tuesday 21 June 2022

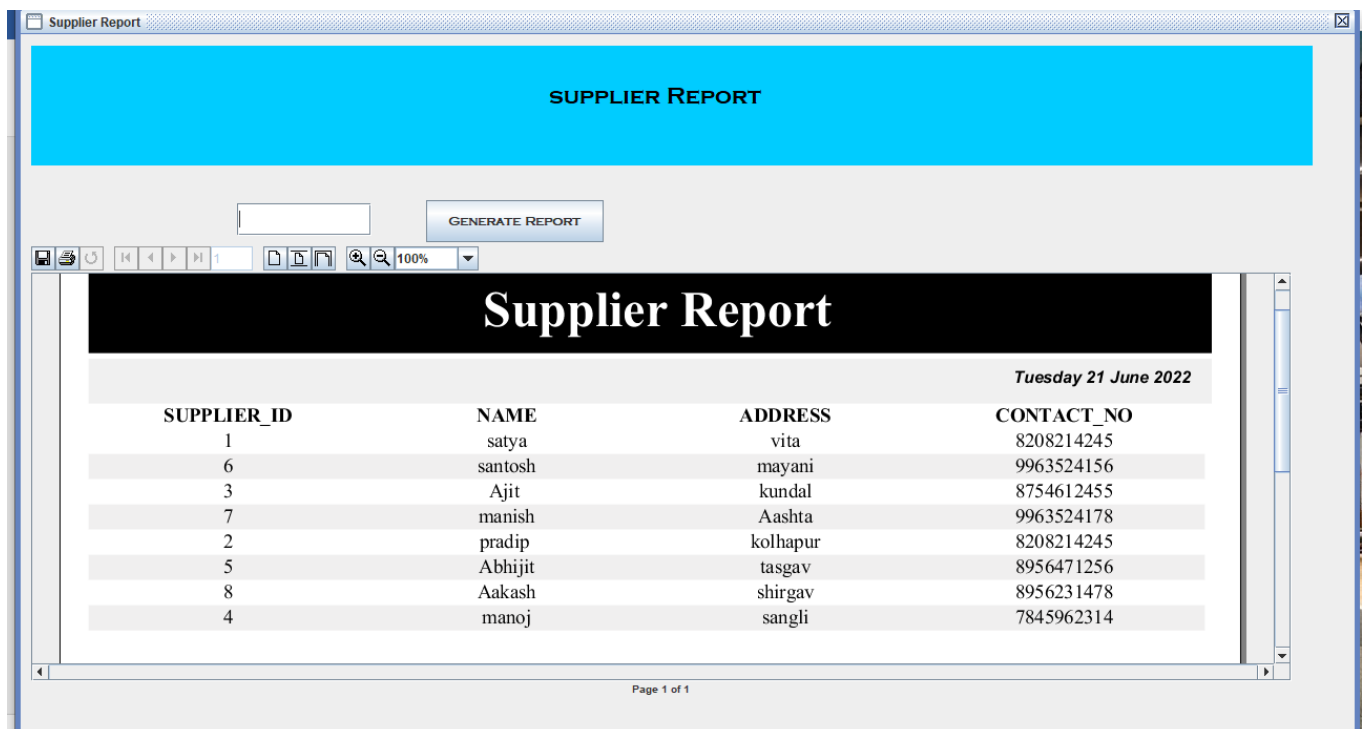
COACH_ID	COACH_NAME	COACH_ADDRESS	CONTACT_NO
4	pradip sir	nevri	8956412356
1	sandip sir	vita	9865741235
3	Amol sir	karad	9987452135
2	sanket sir	kadegav	8569874512
5	mukesh sir	kherade	8856412356

Page 1 of 1

3. Batch:



4. Supplier:



5. Memberscheme:

Mscheme Report

MEMBERScheme REPORT

GENERATE REPORT

50%

MemberScheme

Thursday 23 June 2022

MEMB	MEMB	MEMB	STR_D	EX_DA	COACH	BATCH	BATCH	FEE	DISCO	TOTAL
1	Rohit	1	22.06.20	Wed	Jansundip	1	5 to 6	2000	20	1980
			22	01:23:56:45	IST					
			2022							
2	Sarajit	2	23.06.20	Tue	Augсандип	1	5 to 6	800	10	1590
			22	23:12:49:49	IST					
			2022							
3	ajit	3	23.06.20	Tue	Augсамол	3	5 to 6	800	10	2390
			22	23:12:49:49	IST					
			2022							
4	satya	3	23.06.20	Fri	Sep sadsah	2	6 to 7	900	10	2690
			22	23:12:51:19	IST					
			2022							

Page 1 of 1

6. Purchase:

Purchase Report

PURCHES REPORT

GENERATE REPORT

75%

Purchase

Thursday 23 June 2022

INVOIC	SUPPLI	SUPP_C	PUR_DAPRODU	PRODU	QUANT	PRICE	DISCOU	AMOUN
1	satya	8208214	Mon Jun	suppliem steroid	1	500	10	490
		245	20 17:21:58	IST				
			2022					
2	satya	9856741	Mon Jun	supplime steroid	5	520	10	2590
		356	27 17:54:18	IST				
			2022					
3	Aakash	8561541	Mon Jun	steroid supplier	2	700	10	1390
		552	06 15:35:12	IST				
			2022					
4	manoj	8536003	Thu Jun	massgain supplime	3	570	10	1700
		022	22 15:35:00	IST				
			2022					

Page 1 of 1

7. Sale:

SALE REPORT

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Sale										
Thursday 23 June 2022										
SALE_	MEMB	CONTA	ADDRE	PRODU	PRODU	QUANT	PRICE	DISCO	AMOU	SALE_
1	fdsrdt	6565556dh	dh	proteins	musscle	12	3232	65	38719	22:17 - 19/06/20 22
4	Rohit	8524115sa	tara	steroid	supplier	2	740	10	1470	15:40 - 23/06/20 22
3	satya	8082142vi	ta	steroid	supplier	1	500	10	490	15:39 - 23/06/20 22
2	Satyajit	8208214	vita	supplie	steroid	1	500	10	490	17:28 - 20/06/20 22

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CHAPTER

System Testing

Software Testing is a critical element of software quality assurance and represents the ultimate review of specification, design and coding, testing presents an interesting anomaly for software engineer.

Testing objective includes:

- A good test case is one that has a probability of finding an as yet undiscovered error.
- A good test case is one that has a probability of finding an as yet undiscovered error.
- A successful test is one that uncovers an undiscovered error.

Code testing:

The code testing strategies examines the logic of the program .the code test the logic of the program .here we have tested the system with all possible combination of data to find out errors .the code testing is then thoroughly with all possible data available in the library.

System Testing:

System testing test the integration of each module in the system. It also test to find discrepancies between the system and its original objective ,current specification and system documentation .system testing has been conducting to test the integration of each module .the primary concern is the capability

Regression Testing:

Regression testing is usually associated with features testing .the primary purpose of regression testing to make sure that a particular features works correctly .this is usually accomplished by creating test cases that test different possible scenarios associated with the feature .During regression testing the focus of the tester is on testing the functionality without much attention to performance.

Load Testing:

Here in this testing the performance of the system is calculated by checking the system working after bulk of load is given in the system .This testing is done in order to look that the system can handle specified load and does its performance decreases after adding load to it.

CHAPTER

Advantages

1. Interaction & Integration

User can easily interact with this software because it is easy to understand and implement. The language used is user friendly.

2. Security

The software developed meets the security level. Only the regular user can interact with it. The security levels like specific user name and password are provided.

3. User Friendly

The Proposed system is user friendly, provides help messages and error messages. The user is facilitated with all the requisite applications required for his day-to-day working.

4. Scalable

The system follows open system architecture.

5. Reliable

Output generated by the proposed system is accurate and precise, which further helps the user to produce the reports according to the requirement.

CHAPTER

Conclusion And Limitations

Conclusion:-

Once the system was tested, the implementation phase started .A crucial phase in the in system development life cycle is successful implementation of new system design. Implementation simply mean converting new system design into operation .This is the moment of truth the first question that strikes in every one's mind that whether the system will be able to give all the desires results are expected from system. The implementation phase is concerned with user training and file conversion.

The term implementation has different meaning , ranging from the conversion of a basic application to a complete replacement of a computer system implementation is used here to mean the process of a converting the new or revised system design into an operational one aspect of implementation .the other aspects are the post implementation review and software maintenance.

There are three types of implementations:-

- ❖ Implementation of a computer system to replace a manual system.
- ❖ Implementation of a new computer system to replace an existing one.
- ❖ Implementation of a modified application to replace an existing one.

Limitations:-

- The future of the project looks more promising. With the addition of some more features the quality of the project will be really developed enough to cater the needs of any kind of company.
- The capability of allowing client server interface if included in the project will allow multiple branches of a sister concerned company store the data set some center location from where different client systems can store and retrieve the data.
- This will thus also allow wide scale operation of the software.
- Company cannot view the availability of the stock directly.
- Company will not see the delivered goods.
- Company cannot claim insurance for such goods which can be degradable in limited times.
- The insurance amount should be paid before the given date otherwise the insurance will not be claimed.
- Goods carriage permit should be renewed before the 24 hours of expiry date.

Future Enhancement

1. In future it is possible in this software to provide transport of goods for multiple customers at a time.
2. If there is any problem to operate on software there will be help provided to overcome the problems.
3. It is not sure but in future it will be developed for multiuser purpose.
4. It is also possible to access daily rate of transport from internet to make the transaction easy.

BIBLIOGRAPHY

This bibliography contains all books, articles and websites that are referred in this project for programming purpose we have used the following.

Books:

- ✓ **Advance Java**
(Prajakta R. Mane)
- ✓ **swing_tutorial-Tutorialspoint.com**

Websites:

- ✓ www.Javapoint.com
- ✓ www.Stackoverflow.com
- ✓ www.oracle.com
- ✓ www.YouTube.com