

**A
Project Report
Submitted in the partial fulfillment for the award of the degree of**

**Bachelor of Technology
In
Computer Science & Engineering**

Submitted to DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY LUCKNOW (UP) INDIA

Submitted by:

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R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS
GHAZIABAD (UP) INDIA
2020**

R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS GHAZIABAD

CANDIDATE DECLARATION

We hereby declare that the work, which is being presented in the project, entitled **GYM MANAGEMENT SYSTEM towards the partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Computer Science & Engineering. Submitted in the Department of Computer Science & Engineering, R.D Engineering College & Technical Campus, Ghaziabad (India) is an authentic record of my own work carried out during the period from August 2019 to April 2020, under the guidance of Prof. MohdVakil, Department of Computer Science & Engineering, R.D Engineering College & Technical Campus, Ghaziabad. I have not submitted the matter embodied in this project for the award of any other degree or diploma**

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**Shivangi Tyagi
Suhail
Sachin Sharma
Ayush**

**Date:
Place: Ghaziabad**

R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS GHAZIABAD

CERTIFICATE

This is to certify that the project entitled "**GYM MANAGEMENT SYSTEM**" submitted to Dr. A.P.J. Abdul Kalam Technical University Lucknow (U.P.) by RCB Team is a partial fulfillment of the requirement for the award of degree of Bachelor of Technology in Computer Science & Engineering. The matter embodied is the actual work done by RCB Team is a record of bona fide work done by him under my supervision.

Guided By
Dr. Jaideep Kumar
Prof.Mohd.Vakil

Approved By
Dr. Jaideep Kumar

Forward By
Prof.Mohd.Vakil

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CERTIFICATE OF APPROVAL

This project work entitled **GYM MANAGEMENT SYSTEM** submitted by RCB Team is approved for the award of degree of Bachelor of Technology in Computer Science & Engineering.

(Name of Internal Examiner)

(Name of External Examiner)

(Sign of Internal Examiner)

(Sign of External Examiner)

Date:

Date:

R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS GHAZIABAD

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At last but not the least I want to thank my friends who appreciated me for my work and motivated me and finally to god who made all the things possible.

Shivangi Tyagi

Suhail

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INTRODUCTION

- **PROJECT SUMMARY**
- **PURPOSE**
- **SCOPE**
- **TECHNOLOGY AND LITERATURE REVIEW**

PROJECT SUMMARY

Title : GYM MANAGEMENT SYSTEM

Definition : To manage the fitness with current and potential customer's and provide daily workout details and diet plan

Developed at : R.D.ENGINEERING COLLEGE,DUHAI(GHZ)

Team Size : 4

Team Members :Shivangi Tyagi

Suhail

Sachin Sharma

Ayush

Software Requirements : Ecillipse IDE, Apache Tomcat server Development Platform : Microsoft Visual Studio2008

Front-end-tool : HTML, CSS, BOOTSTRAP, JAVASCRIPT

Back-end-tool : JAVA, JSP, SERVLET, Oracle Server Office

Automation Tools : Ms-word

Project Guide:

PURPOSE

- ☒Automating the existing system.**
- ☒Reducing time taken to enter client and staff data.**
- ☒Making the client data easily accessible.**
- ☒Speeding up operations.**
- ☒To centralize the management of the gym and fitness center.**
- ☒Reduce data loss in the manual system already in place.**
- ☒Reduce the cost of maintenance of the gym and data storage and reducing the space occupied the files being used.**
- ☒Make data retrieval easy and reduce time wasted when manually searching for data.**
- ☒Reduce data redundancy. Redundancy is the repetition of similar data in the system. Redundancy occurs when data is updated so there occurs more than one copy of data I which consumes a lot of space.**

MODULES

HOME

Home page contains the details of all other nav bars like search, about us , etc.

ABOUT US

- Use facts, not hype.
- Seek to inspire trust.
- Tell visitors what they want to know.
- Specifics are better than bold claims.
- Give a peek behind the curtains.
- Forge a connection.
- Express your values.
- List credentials, certifications, awards.
- Include a photo of you “in action.”

SERVICES

It generally contains the details of what do we provide like 24*7 services, Free membership, personal trainers, discount on fees.
It also contains the images of the gym and workouts.

CONTACT US

This contains the gym name and its contacting information like emails, contact no, office timing, address, etc.

LOGIN PAGE

Separate page which makes you login by customer id and password.

WELCOME PAGE

After login this page contains home, schedule and profile navbar.

CUSTOMER REGISTRATION

By this module we make register people by entering details of that person.

ADMIN LOGIN

This is the module in which admin gets logged in by his admin id and password.

ADMIN

This page contains lots of information by which admin can control all on going activities in website.

By this page admin can check who has done the payment and at what time their membership gets over and all other information about customer.

SCOPE

This project is helpful in the Automation of gym record including gym weights, medicines, healthy drinks and gym Management System.

It provides the training and trainer to the customer who cannot regular go to the gym.

Goals

In today's world everyone is busy in their life so they don't have time to go to gym they want something which they can access at anytime ,anywhere through their smart phones.

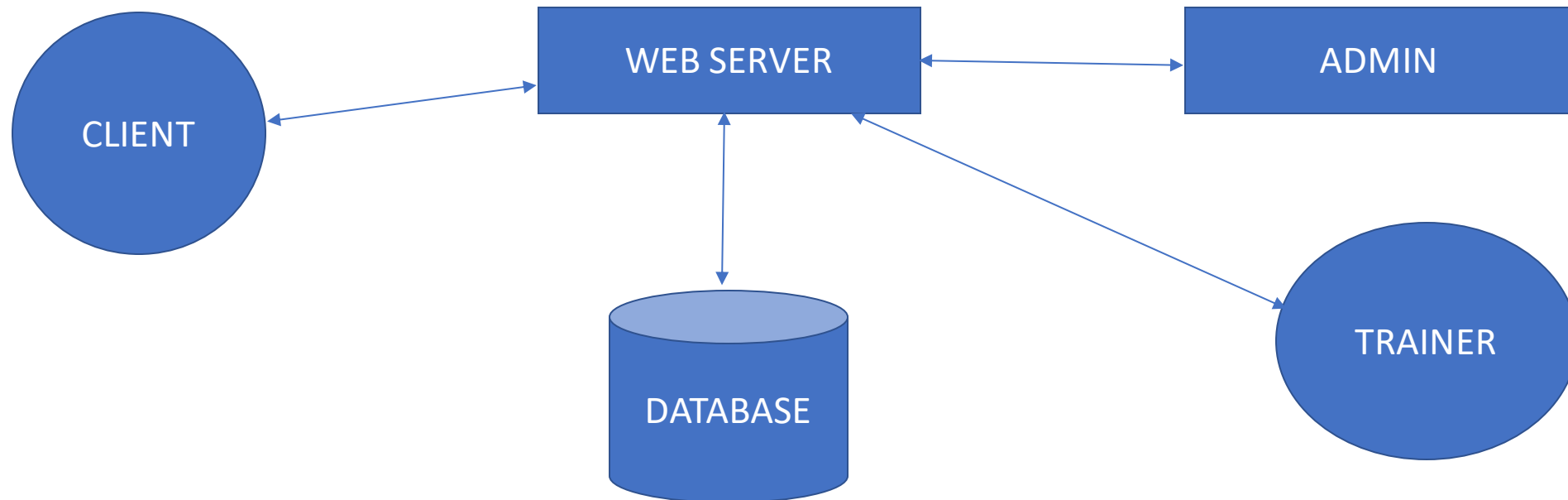
Through this website we manage to give them same any make them stay fit easily.

It ensure to give great workout , diet , trainer at any time and at any place.

TECHNOLOGIES

- ❑ Google drive Eclipse J2EE
- ❑ Microsoft Windows 10
- ❑ HTML: Used for the development and maintenance of the group web page.
- ❑ CSS : used for styling
- ❑ Bootstrap: used for responsiveness
- ❑ ORACLE Database Server

OVERALL DESCRIPTION



System Interfaces

- ? Client on Internet: Web Browser, Operating System (any)**
- ? Client on Intranet: Client Software, Web Browser, Operating System (any)**
- ? Web Server: Apache, Operating System (any)**
- ? Data Base Server: MySQL, Operating System (any)**
- ? Development End: HTML, MySQL, OS (Windows), Web server.**

Software Interface

- **side software**
- **Web server software, Apache**
- **Server side scripting tools: Java**
- **Database tools: Oracle**
- **Compatible operating system: Windows**
- **Client side software**
- **Web browser supporting JavaScript, refer Browser Compatibility 2.3.1**