Project Report on

IOT-based Gym Management System

Submitted in partial fulfillment of the requirements of the degree of Bachelor in Engineering

by

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Under the guidance of

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Affiliated to University of Mumbai, Approved by D.T.E. & A.I.C.T.E.
Awarded provisional accreditation for Computer & Electronics Engineering by NBA

(for 2 years from 06-08-2014)

Certificate

This is to certify that the report of the project entitled

IOT-based Gym Management System

is a bonafide work of

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submitted to the

UNIVERSITY OF MUMBAI

during semester VII in partial fulfilment of the requirement for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER ENGINEERING.

(Ms.Karuna Borhade) Guíde		
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Approval for Project Report for B. E. semester VII

This project report entitled IOT-based Gym Management System by Nilesh Bandal, Vikram Thapa, Prashant Jadhav, Smeet Shah is approved for semester VII in partial fulfilment of the requirement for the award of the degree of Bachelor of Engineering.

	Examiners
	1
	2
	Guide
	1
	2
Date:	
Place:	

To,

The Principal

Shah and Anchor Kutchhi Engineering College,

Chembur, Mumbai-88

Subject: Confirmation of Attendance

Respected Sir,

This is to certify that Final year (BE) students

Aman Sheth

Ajay Singadiya

Sarang Soni

Sonali Suvarna

have duly attended the sessions on the day allotted to them during the period from 2017 to 2017, for performing the Project titled Game Recommendation System.

They were punctual and regular in their attendance. Following is the detailed record of the studen t's attendance.

Attendance Record:

Date	Nilesh Bandal	Vikram Thapa	Prashant Jadhav	Smeet Shah
23/08/2017	Present	Present	Present	Present
30/08/2017	Present	Present	Present	Present
06/09/2017	Present	Present	Present	Present
13/09/2017	Present	Present	Present	Present
20/09/2017	Present	Present	Present	Present
11/10/2017	Present	Present	Present	Present
18/10/2017	Present	Present	Present	Present

Declaration

We declare that this written submission represents our ideas in our own words and where others' ideas or words have been included, we have adequately cited and refe renced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that a ny violation of the above will be cause for disciplinary action by the Institute and c an also evoke penal action from the sources which have thus not been properly cite d or from whom proper permission has not been taken when needed.

Name	Roll No.	Signature
Nilesh Bandal	BE3-51	
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Smeet Shah	BE4-53	

Date:

ABSRACT

In IOT based gym management system, the manager of gym can track and trace the exercise status of member. For the purpose of gym, it can apply an exercise prescription for each member when they come in gym. The system not only can reduce the waste of human resources and enhance the efficiency of management levels, but also to enhance the welfare of members of gym.

In IOT based gym management system user gets access by using RFID cards. System store the date and time when user enters into the gym. This system also keep track of fees of member (if member/user didn't pay fees then user/member is not allow to enter into gym). If user/member pay fees after due dates then penalty will apply on fees. User/member can pay fees online or also pay fees at gym.

In IOT based gym management system, user can calculate fat, calories etc. by entering required data this is should enter by user/member manually This system provides videos for home exercise so that user/member can workout at home also by watching video. Working out at the gym is the favorite pastime many people these days. To gain the competitive edge, many gym has installed the system to log exercise data. An individual's exercise data can track personal progress as well as provide positive feedback and motivation.

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