



**JOGESHWARI EDUCATION SOCIETY'S**  
**COLLEGE OF COMMERCE SCIENCE & INFORMATION TECHNOLOGY**  
(AFFILIATED TO UNIVERSITY OF MUMBAI)

JES Education Complex, Caves Road, Arvind Gandbhir Campus, Jogeshwari (East), Mumbai - 400 060.  
Tel : 022 2824 5527 / 83568 67783 | Email : jescollegecom@gmail.com | Web : jescollege.edu.in

## Research Projects Completed by TYBSCIT Students during Academic Year 2022 - 2023

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# SYNNER GYM

A Project Report

Submitted in partial fulfillment of the  
Requirements for the award of the Degree of

**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

By

SAMIR ANIL AGRE

4017969

Under the esteemed guidance of

**MS.ANJALI. GAIKWAD**

Assistant Professor

Since 1932



शीलम् परम् भूषणम्

**JES COLLEGE OF COMMERCE, SCIENCE  
& INFORMATION TECHNOLOGY**

*(Affiliated to University of Mumbai)*

MUMBAI, 400060

MAHARASHTRA

2022-2023



PROFORMA FOR THE APPROVAL PROJECT PROPOSAL

PRN No : 2020016400409944

Seat no : 4017969

1. Name of the Student

SAMIR ANIL AGRE

2. Title of the Project

SYNNER GYM

3. Name of the Guide

Ms. Anjali Gaikwad

4. Teaching experience of the Guide

5 YEARS

5. Is this your first submission? Yes

No

Signature of the Student

Date: .....



Signature of the Guide

Date: .....

Signature of the Coordinator

Date: .....

CERTIFICATE

This is to certify that the project entitled, "SYNNER GYM", undertaken at the JES College by SAMIR ANIL AGRE Seat. No: 4017969 in partial fulfilment of BSc.IT (Semester-VI) Examination has been completed under my supervision.

  
27/4/23

---

Signature of External Guide

## ABSTRACT

This is in title "Synner Gym" which is a gym management system to manage optical shop business and it is implemented with inventory management. There are Eight (5) main modules in this system. In many Gyms, the payment receipts are in paper format. So, it is very difficult for both gym members to keep all the paper receipts safely and to gym trainer to keep reminding for the fee receipts. Sometimes it creates a trouble when members lost their receipts. The other problem that can be faced by a gym owner is that if he/she wants to inform any message related to working or non-working days of gym, manually sending message become difficult. If there is online application available these problems can be solved.

So, I am developing an android or web application to overcome some of these issues. So, this project can be helpful for both gym owner as well as for gym members. In this application all receipts are store in a digital format, so there are no issues of losing any confidential receipts. This application will also notify the user (gym members) about their fees and also notifies the gym owner about the payment clearance. This application in future can be elaborated by providing supplement store, diet information, personal training etc

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# HEALTHCARE MEDICAL STORE

**A Project Report**

Submitted in partial fulfillment of the  
Requirements for the award of the Degree of  
**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

By

**RAKESH RAJKUMAR CHAVAN.**

Under the esteemed guidance of

**Ms. ANJALI GAIKWAD**

**Assistant Professor**

Since 1932



शीलम् परम् भूषणम्

**JES COLLEGE OF COMMERCE, SCIENCE  
& INFORMATION TECHNOLOGY**

*(Affiliated to University of Mumbai)*

MUMBAI, 400060

MAHARASHTRA

2022-2023





PROFORMA FOR THE APPROVAL PROJECT PROPOSAL

2019016402439601  
PRN No.: ~~2016016401682506~~

Seat no.: 4018454

1. Name of the Student

RAKESH RAJKUMAR CHAVAN

2. Title of the Project

HEALTHCARE MEDICAL STORE

3. Name of the Guide

Ms. ANJALI GAIKWAD.

4. Teaching experience of the Guide

\_\_\_\_\_

5. Is this your first submission?

Yes

No

Signature of the Student

Date: .....



Signature of the Guide

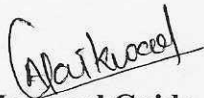
Date: 26/4/23

Signature of the Coordinator

Date: 26/4/23

## CERTIFICATE

This is to certify that the project entitled, "**HealthCare Medical Store**", is bona fide work  
Mr. **Rakesh Chavan** bearing Seat No: <sup>4018454</sup> submitted in partial fulfillment of the requirements for  
the award of degree of BACHELOR OF SCIENCE in INFORMATIONTECHNOLOGY from  
University of Mumbai.

  
Internal Guide

  
29/4/23

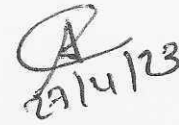
External Examiner

  
Coordinator

Date:

## CERTIFICATE

This is to certify that the project entitled, "**HealthCare Medical Store**", undertaken at the **JESCollege** by **Mr. Rakesh Chavan** Seat. No: in partial fulfilment of BSc.IT (Semester-VI) Examination has been completed under my supervision.

  
29/4/23

---

Signature of External Guide

## ABSTRACT

The "HealthCare Medical Store" is a Online Medical Shop Project. This project has been developed to override the problems prevailing in the practicing manual system.

This software is supported to eliminate and, in some cases, reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

This application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus, by this all it proves it is user-friendly.

Online Medical Shop Management System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources.

Every organization, whether big or small, has challenges to overcome and managing the information of Medicine, Customer, Medicine Stock, Sells.

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# Laptop and Desktop Rental Management System

A Project Report

Submitted in partial fulfillment of the

Requirements for the award of the Degree of

**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

By

KISHANLAL MANNARAM CHOUDHARY

Under the esteemed guidance of

**Ms. Anjali.A Gaikwad.**

Assistant Professor

Since 1932



शीलम् परम् भूषणम्

**JES COLLEGE OF COMMERCE, SCIENCE  
& INFORMATION TECHNOLOGY**

*(Affiliated to University of Mumbai)*

MUMBAI, 400060

MAHARASHTRA

2022-2023



**CERTIFICATE**

This is to certify that the project entitled, "**Laptop and Desktop Rental Management System**", is bonafied work **Mr.Kishanlal Choudhary** bearing Seat No: 4018019 submitted in partial fulfillment of the requirements for the award of degree of **BACHELOR OF SCIENCE** in **INFORMATIONTECHNOLOGY** from University of Mumbai.

  
Internal Guide

  
27/4/23

  
Coordinator

External Examiner

Date:





PROFORMA FOR THE APPROVAL PROJECT PROPOSAL

PRN No.: 2020016400424313

Seat no.: 4018019

1. Name of the Student

KISHANLAL MANNARAM CHOUDHARY

2. Title of the Project

Laptop and Desktop Rental Management System

3. Name of the Guide

Ms. Anjali.A Gaikwad


4. Teaching experience of the Guide

5 years

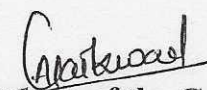
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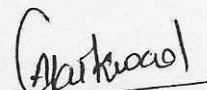
No

  
Signature of the Student

Date: .....

  
Signature of the Guide

Date: 26/4/23

  
Signature of the Coordinator

Date: 26/4/23

## ABSTRACT

The laptop and desktop rental management system is a software application designed to manage the inventory and rental process of laptops and desktops in a rental business. The system allows users to easily manage and track the inventory of available laptops and desktops, as well as the rental history and current rental status of each device.

The system features a user-friendly interface that enables rental business owners to easily manage their rental process, including adding and removing devices from inventory, setting rental rates and terms, creating rental agreements, and processing payments. It also includes reporting features that enable users to view rental history, monitor rental trends, and identify areas for improvement.

Key features of the laptop and desktop rental management system include:

**Inventory management:** The system allows users to add and remove devices from inventory, track their condition and specifications, and assign unique identification numbers to each device.

**Rental management:** The system enables users to create rental agreements, set rental rates and terms, process payments, and track rental history.

**Customer management:** The system allows users to manage customer information, including contact details and rental history.

**Reporting and analytics:** The system provides users with detailed reports and analytics that enable them to monitor rental trends, track device usage, and identify areas for improvement.

**User access control:** The system enables business owners to assign different levels of access to different users, ensuring that only authorized users can access sensitive information.

Overall, the laptop and desktop rental management system provides a comprehensive solution for rental business owners to manage their inventory, rental process, and customer relationships, streamlining their operations and improving their bottom line.

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**REFERENCES**

(4)

# AR COMPUTERS

A Project Report  
Submitted in partial fulfillment of the  
Requirements for the award of the Degree of  
**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

By

**BHAVESH GAWAS**

Under the esteemed guidance of

**Ms. Anjali Gaikwad**

Assistant Professor

Since 1932



शीलम् परम् धृषणम्

**JES COLLEGE OF COMMERCE, SCIENCE  
& INFORMATION TECHNOLOGY**

*(Affiliated to University of Mumbai)*

MUMBAI, 400060

MAHARASHTRA

2018-2019



PROFORMA FOR THE APPROVAL PROJECT PROPOSAL

PRN No.: 2019016400764536

4018066  
Seat no.: 3036990

1. Name of the Student

GAWAS BHAVESH BALKRUSHNA

2. Title of the Project

AR COMPUTERS

3. Name of the Guide

Mrs Anjali Gaikwad

4. Teaching experience of the Guide

5. Is this your first submission?

Yes

No

Signature of the Student

Date: .....



(Gaikwad)

Signature of the Coordinator

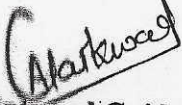
Date: 26/4/23

(Gaikwad)  
Signature of the Guide

Date: 26/4/23

**CERTIFICATE**

This is to certify that the project entitled, "AR COMPUTERS", is bonafied work  
Mr. Bhavesh Gawas bearing Seat No:                      submitted in partial fulfillment of  
the requirements for the award of degree of BACHELOR OF SCIENCE in  
INFORMATION TECHNOLOGY from University of Mumbai.

  
Internal Guide

  
22/4/23

External Examiner

  
Coordinator

Date:

## CERTIFICATE

This is to certify that the project entitled, "AR COMPUTER", undertaken at the JES College by Mr. Bhavesh Gawas Seat. No: \_\_\_\_\_ in partial fulfilment of BSc.IT (Semester-VI) Examination has been completed under my supervision.



---

Signature of External Guide



## ABSTRACT

This is in title "Bhavesh Gawas" which is a shop management system to manage optical shop business and it is implemented with inventory management. There are five (5) main modules in this system, which are log in and registration, inventory management, transaction management, staff management, and financial management. The problem statement of this is the current management system is filing system to record the sales, customers, staff, stock record and there are no well inventory management is using and the record of the stock was not complete, only depend on the invoice they received as stock record.

There are two (2) objectives of this thesis, which are to computerize the shop management system from manual system and to implement an inventory management system to manage the stock of the optical shop. This thesis is discussed on how the online optical shop management system to be implemented, the tools and programming languages used, and the resources needed in developing this system. Model Software Development Life Cycle (SDLC) is used to develop this project.

There are seven (7) phases which are identifying system requirements, system planning, system analysis, system design, system implementation, system testing and system maintenance. The strength of OOSMS is implemented with the well inventory management to manipulate the inventory of the shop. Low level of stock quantities will be notified to the user automatically. This thesis had been successfully completed and the system is successfully developed and function able.

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## **CHAPTER 7: FUTURE ENHANCEMENT AND CONCLUSION**

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## **REFERENCES**

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# HACKNEY BOOKING SYSTEM

A Project Report

Submitted in partial fulfillment of the  
Requirements for the award of the Degree of  
**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

By

**Mayuri Ravindra Ghagre**

Under the esteemed guidance of

**MS. ANJALI GAIKWAD**

Assistant Professor

Since 1932



शीलम् परम् भूषणम्



**JES COLLEGE OF COMMERCE, SCIENCE  
& INFORMATION TECHNOLOGY**

*(Affiliated to University of Mumbai)*

MUMBAI, 400060

MAHARASHTRA

2022-2023

PROFORMA FOR THE APPROVAL PROJECT PROPOSAL

PRN No.: 2020016400452603

Seat no.: 4018072

1. Name of the Student

Mayuri Ravindra Ghagre

2. Title of the Project

Hackney Booking System

3. Name of the Guide

Ms. Anjali Gaikwad

4. Teaching experience of the Guide

5 years

5. Is this your first submission?

Yes  No

MR. Ghagre

Signature of the Student

Date: 26/4/23



Anjali Gaikwad

Signature of the Guide

Date: 26/4/23

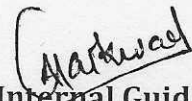
Anjali Gaikwad


Signature of the Coordinator

Date: 26/4/23

## CERTIFICATE

This is to certify that the project entitled, "**Hackney Booking System**", is bonafied work **Ms. Mayuri Ravindra Ghagre** bearing Seat No: 4018072 submitted in partial fulfilment of the requirements for the award of degree of BACHELOR OF SCIENCE in INFORMATIONTECHNOLOGY from University of Mumbai.

  
Internal Guide

  
23/4/23

External Examiner

  
Coordinator

Date

## ABSTRACT

Nowadays people going towards Android application. That's the biggest reason I have been choosing the topic This project is being considered in order to reduce and eliminate loss of customers to competitors, and save the company from folding up. The current system is manual and it is time consuming. It is also cost ineffective, and average return is low and diminishing. Currently, customers can call or walk-in in order to rent or reserve a vehicle. The staff of the company will check their file to see which vehicle is available for rental. The current system is error prone and customers are dissatisfied. The goal of this project is to automate vehicle booked and reservation so that customers do not need to walk-in or call in order to reserve a vehicle.

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# HOTEL BOOKING MANAGEMENT SYSTEM

**A Project Report**

Submitted in partial fulfillment of the  
Requirements for the award of the Degree of  
**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

**By**

**HITESH MOHANSINGH PUROHIT**

Under the esteemed guidance of  
**MS. ANJALI GAIKWAD.**

**Assistant Professor**

Since 1932



शीलम् परम् भूषणम्



**JES COLLEGE OF COMMERCE, SCIENCE & INFORMATION  
TECHNOLOGY**

*(Affiliated to University of Mumbai)*  
**MUMBAI, 400060 MAHARASHTRA**  
**2022-2023**

PROFORMA FOR THE APPROVAL PROJECT PROPOSAL

PRN No.: 2020016401885431

Seat no.: 4018473

1. Name of the Student

HITESH MOHANSINGH PUROHIT

2. Title of the Project

HOTEL BOOKING MANAGEMENT SYSTEM

3. Name of the Guide

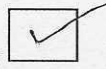
MS. ANJALI GAIKWAD

4. Teaching experience of the Guide

5 Years

5. Is this your first submission?

Yes



No



*Hitesh.P*

Signature of the Student

Date: .....



*Ankward*

Signature of the Coordinator

Date: 26/4/23

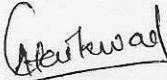
*Ankward*


Signature of the Guide

Date: 26/4/23

## CERTIFICATE

This is to certify that the project entitled, "**HOTEL BOOKING MANAGEMENT SYSTEM**", is bonafied work **Mr. Hitesh Purohit** bearing Seat No: 4018473 submitted in partial fulfillment of the requirements for the award of degree of BACHELOR OF SCIENCE in INFORMATION TECHNOLOGY from University of Mumbai.

  
**Internal Guide**

  
23/4/23

  
**Coordinator**

**External Examiner**

**Date**

## ABSTRACT

The Online Hotel Booking System is a project implemented for HBMS, which is an imaginary hotel. It provides people all Over the world with an easy and fast way to book hotel rooms online.

The interface of the Online Hotel Booking System is Web pages that can be accessed with a Web site browser. The system is implemented in PHP (Hypertext Preprocessor) and HTML (Hyper Text Markup Language). Users can perform room booking activities at Paradise Hotel anytime and anywhere by accessing it via Internet.

The Online Hotel Booking System is an easy-to-use application. Everyone who knows how to use a Web browser can easily carry out booking, change the booking details, cancel the booking, change the personal profile, view the booking history, or view the hotel information by following its simple and clear GUI (Graphical user interface) design.

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# KANCHAN KIRANA STORE

A Project Report

Submitted in partial fulfillment of the  
Requirements for the award of the Degree of  
**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

By

**RESHPAL HANSRAJ KUMAVAT**

Under the esteemed guidance of

**Ms. ANJALI GAIKWAD**

Assistant Professor

Since 1932



शीलम् परम् भूषणम्

**JES COLLEGE OF COMMERCE, SCIENCE  
& INFORMATION TECHNOLOGY**

*(Affiliated to University of Mumbai)*

MUMBAI, 400060

MAHARASHTRA

2022-2023



PROFORMA FOR THE APPROVAL PROJECT PROPOSAL

PRN No.: 2019016400766512

Seat no.: 2018455

1. Name of the Student

Reshpal Hansraj Kumavat

2. Title of the Project

Grocery Shop Management System

3. Name of the Guide

Ms. Anjali Gaikwad

4. Teaching experience of the Guide

5 Years

5. Is this your first submission?

Yes

No

Signature of the Student

*Reshpal*

Date: .....



Signature of the Guide

*Anjali Gaikwad*

Date: 26/4/23

Signature of the Coordinator

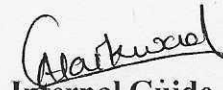
*Anjali Gaikwad*

Date: 26/4/23



## CERTIFICATE

This is to certify that the project entitled, "**KANCHAN KIRANA STORE**", is bonafied work  
**Mr. Reshpal Hansraj Kumavat** bearing Seat No:                      submitted in partial fulfillment of  
therequirements for the award of degree of BACHELOR OF SCIENCE in INFORMATION  
TECHNOLOGY from University of Mumbai.

  
Internal Guide

  
27/4/23  
External Examiner

  
Coordinator

Date:

## CERTIFICATE

This is to certify that the project entitled, "**Kanchan Kirana Stores**", undertaken at the **JES College of Commerce Science and Information Technology** by **Reshpal Kumavat**  
Seat. No:                    in partial fulfilment of BSc.IT (Semester-VI) Examination has been  
completed under my supervision.

  
23/4/23

---

Signature of External Guide

## ABSTRACT

The online Grocery Store documents a purchaser to submit online commands for items and facilities from a store that distributes both walk-in clients and online customers. The online Store system grants an online display of all the matters they want to wholesale from store.

This web grounded application assists customers to select their products. Customers provide their all detail regarding address and contact and they get their chosen products in their home. Shopping days may be check at any time, and their substances can be modified or detached at the option of the customer.

Once the customer adopts to submit a buying order, the purchaser may print the insides of the shopping carrier in order to gain a hard copy record of the deal. This Web application saves lots of time of customers and give the more advantages to customer.

E-commerce has seen a tremendous growth in the past decade. An important feature of an online grocery system is to arise up with suitable recommendations, which can help the user make quick decisions, so that they don't have to spend additional time, browsing the website.

Generating visual needs and reports acts as another plus point, for these websites. In order to implement this, almost all major online shopping sites use Recommendation systems.

The main persistence of this broadside is to give a review of a smart cart application which is a predictive model application and which aims to provide germane item recommendations grounded on purchase olden times and user interests based on a dataset.

This paper also describes the application that analyses the customers grocery purchasing habits and predicts which previously purchased products will be in a customers next order. The application will also have a reference scheme that predicts the items hence making the users purchasing experience more.

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# JEWELLERY SHOP MANAGEMENT SYSTEM

A Project Report

Submitted in partial fulfillment of the  
Requirements for the award of the Degree of  
**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

By

**KHUSHBOO AZAD MISHRA**

Under the esteemed guidance of  
**MS. ANJALI GAIKWAD.**  
Assistant Professor

Since 1932



शीलम् परम् भूषणम्

**JES COLLEGE OF COMMERCE, SCIENCE & INFORMATION  
TECHNOLOGY**

(Affiliated to University of Mumbai)  
MUMBAI, 400060 MAHARASHTRA  
2022-2023



PROFORMA FOR THE APPROVAL PROJECT PROPOSAL

PRN No.: 2620016400409952

Seat no.: 4018317

1. Name of the Student

KHUSHBOO AZAD MISHRA

2. Title of the Project

JEWELLERY SHOP MANAGEMENT SYSTEM

3. Name of the Guide

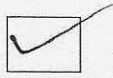
MS. ANJALI GAIKWAD

4. Teaching experience of the Guide

5 Years

5. Is this your first submission?

Yes



No



Mishra

Signature of the Student

Date: 26/4/23



Gaikwad

Signature of the Coordinator

Date: 26/4/23

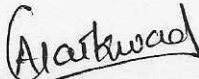
Gaikwad


Signature of the Guide

Date: 26/4/23

## CERTIFICATE

This is to certify that the project entitled, "**JEWELLERY SHOP MANAGEMENT SYSTEM**", is bonafied work **Ms. Khushboo Mishra** bearing Seat No: 4018317 submitted in partial fulfillment of the requirements for the award of degree of BACHELOR OF SCIENCE in INFORMATION TECHNOLOGY from University of Mumbai.

  
Internal Guide

  
29/4/23

  
Coordinator

External Examiner

Date



## ABSTRACT

Online Jewellery Shop is basically used to build an application program which help people to find and buy latest design of jewellery with different categories like Gold Silver, Diamond. It is useful in the way that it makes an easier way to buy products online.

Today most of the jewellery shop is useful for shopping site. The admin have lots of paper work and they are using desktop, spread sheet like MS Excel application to manage data in soft copy about user record. In this proposed jewellery System, it will run in server and user can handle whole the registration activities. It has facilities to generate various types of reports (like pdf, excel) which are required by the management during event organizing.

This application maintains the centralized database so that any changes done at a location reflects immediately. This is an online tool so more than one user can login into system and use the tool simultaneously.

The aim of this application is to reduce the manual effort needed to manage transactions and historical data used in various goods owns. Also this application provides an interface to users to view the details about events.

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# Online Food Ordering System

A Project Report

Submitted in partial fulfillment of the

Requirements for the award of the Degree of

**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

By

Husain Shakil Isalam.

Under the esteemed guidance of

**Ms. Anjali.A Gaikwad.**

**Assistant Professor**

Since 1932



शीलम् परम् भूषणम्

**JES COLLEGE OF COMMERCE, SCIENCE  
& INFORMATION TECHNOLOGY**

*(Affiliated to University of Mumbai)*

MUMBAI, 400060

MAHARASHTRA

2022-2023



**PROFORMA FOR THE APPROVAL PROJECT PROPOSAL**

PRN No.: 2020016401885454

Seat no.: 4018157

1. **Name of the Student**

HUSAIN SHAKIL ISALAM.

2. **Title of the Project**

Online Food Ordering System

3. **Name of the Guide**

Ms. Anjali.A Gaikwad

4. **Teaching experience of the Guide**

5 years


5. **Is this your first submission?**

Yes



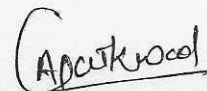
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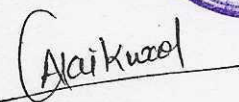
  
Signature of the Student

Date: .....



  
Signature of the Guide

Date: 26/4/23

  
Signature of the Coordinator

Date: 26/4/23

## CERTIFICATE

This is to certify that the project entitled, "**Online Food Ordering system**", undertaken at the **JESCollege** by **Mr.Husain Shakil Isalam** Seat. No: 4018157 in partial fulfilment of BSc.IT (Semester-VI) Examination has been completed under my supervision.

  
27/4/23

---

Signature of External Guide

## ABSTRACT

The online food ordering system provides convenience for the customers. It overcomes the disadvantages of the traditional queuing system. This system increases the takeaway of foods than visitors. Therefore, this system enhances the speed and standardization of taking the order from the customer. It provides a better communication platform. the user's details are noted electronically.

The online food ordering system set up menu online and the customers easily places the order with a simple mouse click. Also with a food menu online you can easily track the orders, maintain customer's database and improve your food delivery service. This system allows the user to select the desired food items from the displayed menu. The user orders the food items. The payment can be made online or pay-on-delivery system. The user's details are maintained confidential because it maintains a separate account for each user. An id and password is provided for each user. Therefore it provides a more secured ordering.



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# WOMEN SHIELD

A Project Report  
Submitted in partial fulfillment of the  
Requirements for the award of the Degree of  
**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

By

RAHATE JYOTI

GANGARAM

4018476

Under the esteemed guidance of  
**MS.ANJALI GAIKWAD.**

Assistant Professor

Since 1932



शीलम् परम् भूषणम्

**JES COLLEGE OF COMMERCE, SCIENCE  
& INFORMATION TECHNOLOGY**

*(Affiliated to University of Mumbai)*

MUMBAI, 400060

MAHARASHTRA

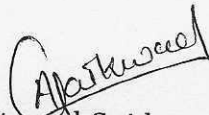
2022-2023





## CERTIFICATE

This is to certify that the project entitled, "**Women Shield**", is bonafied work  
**Ms.Jyoti Gangaram Rahate** bearing Seat No: ~~4018476~~ submitted in partial fulfillment  
of the requirements for the award of degree of BACHELOR OF SCIENCE in  
INFORMATIONTECHNOLOGY from University of Mumbai.

  
Internal Guide

  
29/4/23  
External Examiner

  
Coordinator

Date

## ABSTRACT

In today's world, the number of people using android phones has expanded rapidly and subsequently hence, an android application can be used efficiently for personal security or various other protection purposes. It is becoming increasingly unsafe for a person to travel alone at night. The best way to avoid being a victim of a violent crime is to identify and call on resources to help you out of unsafe situations. "Women Shield" is a smartphone application which can be used to promote personal safety. Such apps receive increased prominence in the media after the 2012 Delhi gang rape case and consequent protests against "brutal rapes, molestation and mistreatment of women". we have to use today's technology in better ways and reduce the crime. Crime against women are increasing day by day and they need to be alert to threat situation or they need to inform their family, friends or colleague if they are with any threat, for that they need to share their information, and we simplify this exchange of information using our application. Women Safety App is the security app which comes with feature like Calling and sending the message of Geo location, in a threat situation to get the help. We are using the in-built GPS technology, which comes in-built now a days in all of the android phones to fetch the location of the user in terms of latitude and longitude. Whether you are in trouble or get separated from friends during the night and do not know how to get home, having assistance at hand when we require it is a relief. Hence, I present Women Safety App, a personal safety application. Women Safety App which means protection, to save, to guard or to defend yourself from danger. This application tracks the location of the user through GPS and allows an individual to immediately request for help in disastrous situations with just a tap. It transmits the user's location and an alert message to the user's trusted and registered contacts when the user feels unsafe. These contacts can track the user's location in real time and provide the required help.

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## **REFERENCES**



# ONLINE BAKERY SHOP

A Project Report

Submitted in partial fulfillment of the  
Requirements for the award of the Degree of  
**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

By

ARUN RAJBHAR

Under the esteemed guidance of  
**MS.ANJALI GAIKWAD.**

Assistant Professor

Since 1932



शीलम् परम् भूषणम्

**JES COLLEGE OF COMMERCE, SCIENCE  
& INFORMATION TECHNOLOGY**

*(Affiliated to University of Mumbai)*

MUMBAI, 400060

MAHARASHTRA

2022-2023

PROFORMA FOR THE APPROVAL PROJECT PROPOSAL

PRN No.:

Seat no.:

1. Name of the Student

ARUN DHARAMRAJ RAJBHAR

2. Title of the Project

ONLINE BAKERY SHOP

3. Name of the Guide

MS.ANJALI GAIKWAD.

4. Teaching experience of the Guide

5. Is this your first submission?

Yes

No

Signature of the Student

Date: .....



*(Ankward)*  
Signature of the Guide

Date: 26/4/23

*(Ankward)*  
Signature of the Coordinator

Date: 26/4/23

## CERTIFICATE

This is to certify that the project entitled, "**Online Bakery Shop** ", is bonafied work  
**Mr.Arun Rajbhar** bearing Seat No: \_\_\_\_\_ submitted in partial fulfillment of the  
requirements for the award of degree of BACHELOR OF SCIENCE in  
INFORMATIONTECHNOLOGY from University of Mumbai.

  
Internal Guide

  
27/4/23  
External Examiner

  
Coordinator

Date:

## CERTIFICATE

This is to certify that the project entitled, "Online Bakery Shop ", undertaken at the JES College by Mr.Arun Rajbhar Seat. No: \_\_\_\_\_ in partial fulfilment of BSc.IT (Semester-VI) Examination has been completed under my supervision.

---

Signature of External Guide

## ABSTRACT

The main motto of computerized bakery system is to sell the bakery items online. The bakery shop to a food service chain that delivers desired food items to the customers. Customers need to visit the bakery or the shop when they want to purchase the item this takes lots of time sometime and sometimes the item might not be available, so the customer might not get what he/she wants. The implementation of this system would completely change the existing norm of people moving into bakeries to get their orders because of their busy routines. The system will allow customers to order their food item online without the need of going to the shop to purchase it. Customers would get home delivery of their items. Through this system customer would get option such as online payment through credit/debit/net banking and they would get the option of cash on delivery. Therefore, the proposed system will satisfy all the needs of customers, as it is an online system .

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# AR COMPUTERS

**A Project Report**

Submitted in partial fulfillment of the  
Requirements for the award of the Degree of  
**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

By

AKASH SINGH

Under the esteemed guidance of

**Ms. Anjali Gaikwad**

Assistant Professor

Since 1932



शीलम् परम् मूषणम्



**JES COLLEGE OF COMMERCE, SCIENCE  
& INFORMATION TECHNOLOGY**

*(Affiliated to University of Mumbai)*

MUMBAI, 400060

MAHARASHTRA

2018-2019



PROFORMA FOR THE APPROVAL PROJECT PROPOSAL

PRN No.:

Seat no.: 3036990

1. Name of the Student

SINGH AKASH RAJESH

2. Title of the Project

AR COMPUTERS

3. Name of the Guide

Mrs Anjali Gaikwad

4. Teaching experience of the Guide

5. years

5. Is this your first submission?

Yes



No



Akash  
Signature of the Student

Date: .....



A Gaikwad  
Signature of the Guide

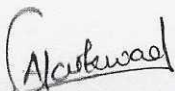
Date: 26/4/23


A Gaikwad  
Signature of the Coordinator

Date: 26/4/23

**CERTIFICATE**

This is to certify that the project entitled, "AR COMPUTERS", is bonafied work  
Mr. Akash Singh bearing Seat No: submitted in partial fulfillment of  
the requirements for the award of degree of BACHELOR OF SCIENCE in  
INFORMATION TECHNOLOGY from University of Mumbai.

  
Internal Guide

  
23/4/23

External Examiner

  
Coordinator

Date:

## ABSTRACT

This is in title "**Bhavesh Gawas**" which is a shop management system to manage optical shop business and it is implemented with inventory management. There are five (5) main modules in this system, which are log in and registration, inventory management, transaction management, staff management, and financial management. The problem statement of this is the current management system is filing system to record the sales, customers, staff, stock record and there are no well inventory management is using and the record of the stock was not complete, only depend on the invoice they received as stock record.

There are two (2) objectives of this thesis, which are to computerize the shop management system from manual system and to implement an inventory management system to manage the stock of the optical shop. This thesis is discussed on how the online optical shop management system to be implemented, the tools and programming languages used, and the resources needed in developing this system. Model Software Development Life Cycle (SDLC) is used to develop this project.

There are seven (7) phases which are identifying system requirements, system planning, system analysis, system design, system implementation, system testing and system maintenance. The strength of OOSMS is implemented with the well inventory management to manipulate the inventory of the shop. Low level of stock quantities will be notified to the user automatically. This thesis had been successfully completed and the system is successfully developed and function able.

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# EMPLOYEE MANAGEMENT SYSTEM

A Project Report

Submitted in partial fulfillment of the  
Requirements for the award of the Degree of  
**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

By

SIYALL JEET JAYPRAKASH

Under the esteemed guidance of

**MS.ANJALI. GAIKWAD**

Assistant Professor

Since 1932



शीलम् परम् भूषणम्



**JES COLLEGE OF COMMERCE, SCIENCE  
& INFORMATION TECHNOLOGY**

*(Affiliated to University of Mumbai)*

MUMBAI, 400060

MAHARASHTRA

2022-2023

**PROFORMA FOR THE APPROVAL PROJECT PROPOSAL**

PRN No.: 2020016400413594

Seat no.:4018647

**1. Name of the Student**

SIYALL JEET JAYPRAKASH

**2. Title of the Project**

EMPLOYEE MANAGEMENT SYSTEM

**3. Name of the Guide**

Ms. Anjali Gaikwad

**4. Teaching experience of the Guide**

6 Years

**5. Is this your first submission?**

Yes



No



Signature of the Student

Date: .....



Signature of the Guide

Date: 26/4/23




Signature of the Coordinator

Date: 26/4/23

CERTIFICATE

This is to certify that the project entitled, "EMPLOYEE MANAGEMENT SYSTEM", undertaken at the JESCollege by JEET SIYALL Seat. No:4018647 in partial fulfilment of BSc.IT (Semester-VI) Examination has been completed under my supervision.

  
27/4/23

---

Signature of External Guide



## ABSTRACT

Employee management system is an application based system to properly and efficiently manage the records of all employees in an effective manner. Every organization whether government or private uses an information system to store data of their staff. However, in India it is found that many small scale industries use pen and paper to keep a record. There are many advanced technology systems available that can do this work but they all are costly for these low level industries. This paper discusses making a system for solving problems for them at a cheaper cost. This system will maintain the record of the employees working in any organization and allow them to change, maintain and update at any moment with least amount of effort. This project has been an enriching experience for me in the field of programming and Enterprise application development.

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# SYNNER GYM

A Project Report

Submitted in partial fulfillment of the  
Requirements for the award of the Degree of

**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

By

YADAV ADARSH INDRAJEET

4018728

Under the esteemed guidance of

**MS.ANJALI. GAIKWAD**

Assistant Professor

Since 1932



शीलम् परम् भूषणम्

**JES COLLEGE OF COMMERCE, SCIENCE  
& INFORMATION TECHNOLOGY**

*(Affiliated to University of Mumbai)*

MUMBAI, 400060

MAHARASHTRA

2022-2023

PROFORMA FOR THE APPROVAL PROJECT PROPOSAL

PRN No: 2020016401885415

Seat no: 4018728

1. Name of the Student

Adarsh Indrajeet Yadav

2. Title of the Project

SYNNER GYM

3. Name of the Guide

Ms. Anjali Gaikwad

4. Teaching experience of the Guide

5 YEARS

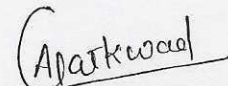
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Signature of the Student

Date: .....





Signature of the Guide

Date: 26/4/23




Signature of the Coordinator

Date: 26/4/23

CERTIFICATE

This is to certify that the project entitled, "SYNNER GYM", undertaken at the JES College by ADARSH YADAV Seat. No:4018728 in partial fulfilment of BSc.IT (Semester-VI) Examination has been completed under my supervision.

  
27/4/23

---

Signature of External Guide

## ABSTRACT

This is in title "Synner Gym" which is a gym management system to manage optical shop business and it is implemented with inventory management. There are Eight (5) main modules in this system. In many Gyms, the payment receipts are in paper format. So, it is very difficult for both gym members to keep all the paper receipts safely and to gym trainer to keep reminding for the fee receipts. Sometimes it creates a trouble when members lost their receipts. The other problem that can be faced by a gym owner is that if he/she wants to inform any message related to working or non-working days of gym, manually sending message become difficult. If there is online application available these problems can be solved.

So, I am developing an android or web application to overcome some of these issues. So, this project can be helpful for both gym owner as well as for gym members. In this application all receipts are store in a digital format, so there are no issues of losing any confidential receipts. This application will also notify the user (gym members) about their fees and also notifies the gym owner about the payment clearance. This application in future can be elaborated by providing supplement store, diet information, personal training etc.

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# SPORTS CLUB MANAGEMENT SYSTEM

A Project Report

Submitted in partial fulfilment of the  
Requirements for the award of the Degree of  
**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

By

SHIVAM RAMSUCHIT YADAV

Under the esteemed guidance of

**Mrs. Anjali Gaikwad**

Assistant Professor

Since 1932



शीलम् परम् भूषणम्

JOGESHWARI EDUCATION SOCIETY  
जोगेश्वरी एज्युकेशन सोसायटी



JES COLLEGE OF COMMERCE, SCIENCE & INFORMATION  
TECHONOLOGY

(AFFILIATED TO UNIVERSITY OF MUMBAI)

MUMBAI,400060

MAHARASHTRA

2022-2023

PROFORMA FOR THE APPROVAL PROJECT PROPOSAL

PRN No.:

Seat no.: \_\_\_\_\_

1. Name of the Student

SHIVAM  
SHIVAM RAMSUCHIT YADV

2. Title of the Project

SPORTS CLUB MANAGEMENT SYSTEM

3. Name of the Guide

MS. ANJALI GAIKWAD


4. Teaching experience of the Guide

5 YEARS

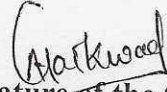
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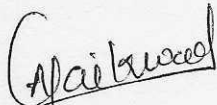
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Signature of the Student



  
Signature of the Guide

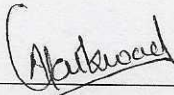
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# CERTIFICATE

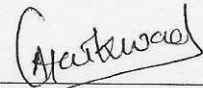
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Internal Guide

  
27/4/23

External Examiner



Coordinator

Date .....

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