FINAL YEAR PROJECT REPORT

On

"Development of School Website and Online Admission Management System"
For
GYAN GANGA PUBLIC SCHOOL, BHADASI

Submitted in partial fulfillment of the requirement for the award of the degree of
BACHELOR OF COMPUTER APPLICATION (BCA) 6th Semester
(2019 - 2022)

Submitted to

L. N. Mishra Institute of Economic Development and Social Change
Jawaharlal Nehru Marg, Bailey Road, Patna - 800001

Bihar Government Autonomous Institute Affiliated To

ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA
Approved By AICTE & Recognized And Aided By The H.R.D. Govt. Of India.

UNDER THE GUIDANCE OF :

Santosh Kumar Jha
Assistant Professor
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SUBMITTED BY:

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Roll No. : 19609
BCA (6th Semester)
Reg. No. : 19303333008
Session : 2019 – 2022

DECLARATION

I *Anish Kumar Sinha,* Roll No. *19609, BCA (6th Semester), Lalit Narayan Mishra Institute of Economic Development and Social Change, Patna.* Hereby declare that the project report entitled *"Development of School Website and Online Admission Management System"* which is submitted in partial fulfillment of the requirement for the award of the degree of *Bachelor of Computer Application* to *ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA*

I also declare that this project is an authentic record of my original work carried out under the guidance of **Mr. Santosh Kumar Jha**, *Asst. Professor, Department of Computer Application, LNMI***,** *PATNA* and has not been submitted to any other University or Institution for the award of any degree, or personal favour what so ever. All the details and analysis provided in the report hold true to the best of my knowledge.

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(Signature of Student)

Anish Kumar Sinha

ACKNOWLEDGEMENT

First of all, With immense pleasure, we would like to express our deep sense of gratitude to our beloved Director **Dr. S. Siddharth, I.A.S.,** *Lalit Narayan Mishra Institute of Economic Development and Social Change, Patna* for the valuable guidance and for permitting us to carry out this project.

With Candor and Pleasure, We take opportunity to express our sincere thanks and obligation to our esteemed Project Guide or Sir **Mr. Santosh Kumar Jha**, *Asst. Professor, LNMI, Patna*. It is because of his able and mature guidance, insights, advises, co-operation, suggestions, keen interest and thorough encouragement extended throughout the period of project work without which it would not be possible for us to complete our project.

We are very grateful to all the faculty members of our college for their precious time and untiring effort spent over our training for acquainting us with the nuances of the entailing work and thanks for the invaluable time they spent training us in the intricacies of the job.

We extend our sincere gratitude towards Principal **Soni Kumari** and *the people of **Gyan Ganga Public School, Bhadasi**,* for providing the opportunity and resources to work on this project. It has been of great learning to be on the training and doing the project simultaneously, which enriched our knowledge and developed our outlook for becoming a better professional.

We take the opportunity to thank our team members *(**Anish Kumar Sinha, Sweta Kumari, Sonu Kumar Kushwaha** and **Nihal Priyadarshi**)* who contributed towards the successful completion of this project.

It is our pleasant duty to thank all the concerned people who have directly or indirectly extended their helping hand during the course of this project report.

Above all, We gratefully acknowledge the constant support, encouragement and patience of our families and friends during the entire duration of our project training. Hopefully, This project would add as an asset to our academic profile. ***Thank You!***

Dated: *14th of May 2022*

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Signature

With Gratitude,

Anish Kumar Sinha
Roll No. : *19609*
BCA *(6th Semester)*
Reg. No. : *19303333008*
Session : *2019 - 2022*

CERTIFICATE OF ORIGINALITY

      I *Anish Kumar Sinha,* Roll No. *19609, BCA (6ᵗʰ Semester), Lalit Narayan Mishra Institute of Economic Development and Social Change, Patna*. Hereby declare that the project entitled *"Development of School Website and Online Admission Management System"* submitted to the *Department of Computer Application, LNMI, Patna* in partial fulfillment of the requirement for the award of the degree of **Bachelor of Computer Application** in session *2019 - 2022* is an authentic record of my original work carried out under the guidance of **Mr. Santosh Kumar Jha**, *Asst. Professor, Department of Computer Application, LNMI, Patna* and that the Project has not previously formed the basis for the award of any other degree.

Place : *PATNA*

Date : *14ᵗʰ of May 2022*

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(Signature of Student)

Anish Kumar Sinha

PROJECT TITLE

"Development of School Website and Online Admission Management System"
For

GYAN GANGA PUBLIC SCHOOL

Bhadasi, Arwal, Bihar (India) - 804401

CONTENTS

1. INTRODUCTION

As the website of *Gyan Ganga Public School (www.ggpsarwal.github.io/ggpsarwal)* is online the number of students applying for the admission are increasing rapidly, it requires much effort and time to handle the admission system with man power and paperwork. So we are in need of a better system to make the process easier and serves better which could be done by *Computerized Student Admission System* that facilitates the work of the school and at the same time it must reduce the work load of the organization with expected quality. Quality in the sense, the system try to avoid the mistakes that are usually happen during the Admission Process.

The project entitled *"Development of School Website and Online Admission Management System"* is a web application and has been developed to override the problems prevailing in the practicing manual system. This web application is supported to eliminate and, in some cases, reduce the hardships faced by the existing system (manual). Moreover, the system is designed for the particular need of the school to carry out operations in a smooth and effective manner.

The system 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 web application. Thus, by this all it proves it is user-friendly. **Online Admission Management System**, as described above, can lead to error free, secure, reliable, fast and efficient management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help school in better utilization of resources.

Every school, whether big or small, has challenges to mark their online presence and to overcome and managing the information of its enrolled or passed-out students. Every school has different needs. Therefore, we have designed exclusive user interface that are adapted to school managerial and informational requirements. This is designed to assist in strategic planning, and will help admin to ensure that their school is equipped with the right level of information and details for their future goals.

2. OBJECTIVE

The project entitled *"Development of School Website and Online Admission Management System"* has been developed to help the school to mark their online presence and automate the task carried out by different people in the organisation to manage the student admission and enrollment.

The main objective of this web application is to automate the admission process without any flaws. Its basic objectives are to extend their reach to geographically scattered students, reducing time in activities, centralized data handling and paperless admission with reduced manpower. Its other factors are cost cutting and operational efficiency. Main challenges are effectively completing the admission process within the time limit and making the process easier for the students. Hence there is a prerequisite for maintaining a database, to store all the details.

2.1 Other objectives to be fulfilled:

- **Reach to geographically scattered students :**
  - One of the important objectives of this admission management system is to communicate with all the enrolled students scattered geographically.

- **Reducing time in activities :**
  - Reduce the time taken in the processing applications of students, admitting a student, verify student details, and send call letters to selected students.

- **Centralized Data-handling :**
  - Transfer the data smoothly to all the departments involved and handle the data in centralized manner.

- **Paperless admission with reduced manpower :**
  - Reduce the paperwork and manpower needed to manage admissions and enrollment and perform the administrative actions.

- **Cost Cutting :**
  - Reduce the cost involved in the admission and enrollment process.

- **Operational efficiency :**
  - Improving the quality of the process will lead to operational efficiency.

3. SCOPE OF PROJECT

i. ***Online Admission Management System*** is to store the student admission details which would be accessed only on the registered systems.

ii. Database is accessed and maintained by the administrator.

iii. For each event database should be updated and should be ready to provide information to the student in no time

iv. Students have the only access to database and not authorized to perform modification or deletion in the database.

3.1 Goals to be achieved by this project :

a. Manage large number of student details.

b. Manage admission details of students and send appropriate information about school events to the student account.

c. Create student accounts and maintain the data effectively.

d. View all the saved details of student.

e. Create the statistical reports to facilitate the finance department needs and assist in strategic planning.

f. Reduce the work load in the admission of students.

g. Activities like updating, modifying and deleting records should be easier.