**CHAPTER I: INTRODUCTION**

1. **Technical Background**

Colegio de Las Navas is a school that aims to give quality education to its students. However, the school still uses a manual way of sharing information and announcements. Most of the time, students and parents only get updates through printed papers or word of mouth. This process can cause delays and confusion, especially when there are important events or schedules to announce.

Another problem is that some information, like enrollment details or school activities, is not easy to access online. Students need to visit the school or ask teachers personally to get updates. This takes time and effort for both students and staff.

To solve these problems, the researchers will create a school website for Colegio de Las Navas. The website will serve as an online platform where students, teachers, and parents can easily get school information anytime and anywhere. It can show announcements, school events, contact information, and other updates. This system will help make the school’s communication faster, more organized, and more modern.

By using technology, the school can save time, reduce paper use, and make information easier to find. The new website will help Colegio de Las Navas improve its connection with students and parents, making the school community more informed and engaged.

1. **Purpose and Description of the Project**

The main purpose of this project is to make it easier for Colegio de Las Navas to share information and updates with students, teachers, and parents. The school website will serve as an online place where everyone can visit to see announcements, schedules, events, and other important details about the school.

Right now, the school still uses manual ways, like paper notices or word of mouth, to share information. This can cause delays and confusion. The website will help solve these problems by making information available online anytime and anywhere.

The system will have features such as:

* A homepage with announcements and news about the school.
* Pages for school events and activities.
* A contact page where visitors can reach the school easily.
* A simple design so that even students and parents can use it without difficulty.

With this project, the school can save time, stay organized, and make communication faster and clearer. It will also help the school become more modern and connected through technology.

**3. Objectives of the Project**

The main goal of this project is to create a school website for **Colegio de Las Navas** that will make communication and information sharing easier for students, teachers, and parents. The website will serve as an online platform where important announcements, events, and school updates can be easily seen.

This study aims to help the school move from a manual process to a more modern, digital system that saves time and improves organization. It focuses on using technology to make the school’s operations more efficient and accessible to everyone.

**3.1 General Objective**

The general objective of this project is to develop a **school website for Colegio de Las Navas** that will help improve communication and information sharing between the school, students, teachers, and parents. The website aims to make school updates and announcements easy to access anytime and anywhere.

**3.2 Specific Objectives**

The specific objectives of the project are:

1. To create a user-friendly website that shows school announcements, events, and news.
2. To make school information available online so students and parents can access it easily.
3. To help the school save time and effort by reducing the use of printed materials.
4. To organize school information in one place for faster communication.
5. To promote the school and its activities to the public through the website.
   1. **Scope of the Project**

The project focuses on developing a **school website for Colegio de Las Navas** that will serve as an online platform for sharing information, announcements, and updates. The website will include important features that help students, teachers, and parents stay informed about school activities.

The main features of the website include:

* A homepage showing school announcements, news, and upcoming events.
* Pages for school history, vision, and mission.
* A contact page for inquiries and communication.
* An admin panel where authorized users can update announcements and posts.

The system will have different user roles:

* **Admin** – can manage and update all website content.
* **Visitors/Users** – can view announcements, events, and contact information.

The project will only cover the **web-based version** of the system and can be accessed through a computer or laptop with an internet connection. A mobile app version is **not included** in this project.

* 1. **Significance of the Project**

This project is important because it will help improve how Colegio de Las Navas shares information with students, teachers, parents, and the community. The new school website will make communication faster, easier, and more organized.

The following groups will benefit from the project:

* **Students** – They can easily see school announcements, schedules, and events online without having to visit the school.
* **Teachers** – They can share updates and important reminders more quickly through the website.
* **Parents** – They can stay informed about school activities and announcements, helping them support their children better.
* **School Administrators** – They can manage school information more efficiently and reduce the use of paper notices.
* **Community** – They can learn more about the school, its programs, and achievements through the website.

Overall, the project will make Colegio de Las Navas more connected and updated by using technology to improve communication and information sharing.

1. **Definition of Terms**

This section defines some important words used in the study to help readers understand the project better.

* **Website** – A collection of web pages that can be viewed online using a browser.
* **Web Browser** – A software used to open and view websites (examples: Google Chrome, Microsoft Edge).
* **Admin** – A person who manages and updates the website’s content, such as announcements and posts.
* **User Interface (UI)** – The part of the website that users see and interact with.
* **Database** – A place where information, such as announcements or user data, is stored and managed.
* **HTML (HyperText Markup Language)** – The main language used to create and structure web pages.
* **CSS (Cascading Style Sheets)** – The language used to design and style the website’s appearance.
* **PHP** – A programming language used to build dynamic websites and connect them with databases.
* **MySQL** – A system used to store, organize, and retrieve data for the website.
* **Responsive Design** – A website design that adjusts to different screen sizes, such as computers and mobile phones.
* **Hosting** – A service that allows the website to be available online.
* **Domain Name** – The web address that people type to visit the website (example: www.colegiodelasnavas.edu).
* **System** – Refers to the entire website project developed for Colegio de Las Navas.

**Chapter ii Review of Related Literature/System**

**1. Related Literature**

In today’s digital age, many schools use websites to improve how they share information with students, teachers, and parents. According to Fathi Ihmeideh (2019), children prefer educational websites that are simple, easy to use, and visually appealing. This means that when creating a school website, the design should be clear and user-friendly so that even young students can use it without difficulty.

“Evaluation of Children’s Educational Websites Based on the Developmental Perspective” - The study asked children (ages 6–8) how they perceive educational websites. They preferred sites that are **clear, easy to use**, with simple navigation and helpful features. Many liked websites with visuals and interactive content. - Fathi Ihmeideh (2019)

Saidah Laugi (2020) explained that school websites help improve school management and readiness in the modern digital era. A good website must be fast, easy to use, and accessible to everyone. This supports the goal of this project, which is to help Colegio de Las Navas manage and share information more efficiently through technology.

“Use of Websites in School Management: An Effort to Build School Readiness in the Era of 4.0” - This article talks about how school websites help management (like school administration), using a web-based system for information sharing. It also gives criteria of what makes a good school website: usability, fast loading, accessible design, etc. - Saidah Laugi (2020)

In another study by Teik Chooi Ooi, Henry Ho, and Siti Amri (2010), they found that education websites help promote schools and attract students by providing clear and organized information. This shows that a school website is not only useful for current students and parents but also for the community and new enrollees.

“Education Websites and Their Benefits to Potential International Students: A Case Study of Higher Education Service Providers in Malaysia” - This study examines how university websites serve international students: how the site design, information clarity, accessibility affect how prospective students view the institution. - Teik Chooi Ooi, Henry W. L. Ho, Siti Amri (2010)

Janicki and Chandler-Olcott (2012) also studied how teachers use classroom websites to share lessons and updates with their students. They found that websites improve communication between teachers and students, but they must be regularly updated to stay useful. This reminds us that the Colegio de Las Navas website should be maintained and updated often to keep information current.

“Secondary English Teachers’ Perspectives on the Design and Use of Classroom Websites” - This research asks teachers how they build and use classroom websites: for communication, sharing assignments, helping students catch up, and working beyond class. Also finds many sites are static (just information), and some teachers stop updating them. - Janicki & Chandler-Olcott (2012)

Finally, a study by Mohammed Alshehri et al. (2012) showed that the quality of a website—such as its design, speed, and ease of use—affects how many people will use it. If the website is slow or hard to navigate, users will lose interest. This finding supports the importance of making the Colegio de Las Navas website well-designed and easy to access for everyone.

“The Effects of Website Quality on Adoption of E-Government Service… Using the UTAUT Model” - This study shows that quality of a website (design, performance, ease of use) negatively or positively influences whether people will use it. They used a model (UTAUT) to analyze website quality factors. - Mohammed Alshehri, Steve Drew, Thamer Alhussain, Rayed Alghamdi (2012)

Overall, the reviewed literature shows that having a school website can improve communication, save time, and build a stronger connection between the school and its community. It also emphasizes that a successful website must be user-friendly, regularly updated, and accessible.

**2. Related Systems**

Many schools and organizations have already developed online systems to make their communication faster and more efficient. For example, some schools use School Information Portals, which display announcements, grades, and class schedules. These portals help students and parents stay informed while reducing the workload of teachers and staff.

Other schools have built Online Enrollment Systems that allow students to register for classes without going to the school in person. This system saves time and organizes student records automatically. There are also Event and Announcement Websites, which schools use to post photos, achievements, and updates about activities. These websites help make schools more active and visible in their communities.

Even though many schools now have websites, some institutions like Colegio de Las Navas still rely on manual processes for sharing information. This project aims to create a simple, web-based system that will serve as the school’s official online platform. The website will allow students, teachers, and parents to access announcements and updates anytime and anywhere. It will also help the school adapt to modern technology and improve communication with its community.

Several schools and institutions have already developed their own websites to improve their communication and management systems. For example:

* **School Information Portals** – Some schools have online portals where announcements, grades, and schedules are posted. This helps reduce the workload of teachers and staff while giving students easier access to their information.
* **Online Enrollment Systems** – Other schools have developed online enrollment systems to allow students to register without visiting the campus. This system saves time and helps manage student data efficiently.
* **Event and Announcement Websites** – Many schools also use websites to post school events, photos, and achievements, helping strengthen community engagement.

These existing systems show how technology can help schools become more efficient. However, not all schools have this kind of system yet. Colegio de Las Navas still uses a manual way of sharing information. This study aims to create a simple and easy-to-use **school website** that will serve as the school’s official online platform for announcements, events, and communication.

The proposed system will be web-based and designed to meet the needs of the school community. It will be easy to use, informative, and accessible to everyone.