

# **NANO KIDS : A Playschool Website**

## **A MINI-PROJECT REPORT**

*Submitted by*

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*in partial fulfillment of the award of the degree of*

**BACHELOR OF ENGINEERING**

**IN**

**COMPUTER SCIENCE AND ENGINEERING**



**RAJALAKSHMI  
ENGINEERING COLLEGE**  
An AUTONOMOUS Institution  
Affiliated to ANNA UNIVERSITY, Chennai

**RAJALAKSHMI ENGINEERING COLLEGE**

**AUTONOMOUS ,CHENNAI**

**NOV/DEC, 2024**

## **BONAFIDE CERTIFICATE**

Certified that this mini project “**NANOKIDS : A Playschool Website**” is the bonafide work of “**NANDHANA C H(2116220701181)**” who carried out the project work under my supervision.

### **SIGNATURE**

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Submitted for the End semester practical examination to be held on \_\_\_\_\_

**INTERNAL EXAMINER**

**EXTERNAL EXAMINER**

## **ACKNOWLEDGEMENT**

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## **ABSTRACT**

The Nano Kids Play School website is a comprehensive platform designed to meet the needs of both parents and administrators. The site is structured with a user-friendly interface, beginning with a home page that introduces visitors to the school. The about us page provides information about the school's philosophy and values, while the programs page highlights the variety of services offered, including playschool, daycare, and after-school activities. A gallery section showcases memorable events such as Children's Day, Independence Day, and Teachers' Day, offering parents a glimpse into their children's experiences at the school.

The contact us page includes an easy-to-use 'Book a Tour' form, allowing prospective parents to schedule visits. Once logged in, parents are directed to a dedicated parent page where they can stay up-to-date. In essence, the Nano Kids Play School website simplifies communication, streamlines administrative functions, and provides transparency for parents, creating a more engaging and efficient school environment.

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# **CHAPTER 1**

## **INTRODUCTION**

### **1. INTRODUCTION**

The Nano Kids Play School website is a dynamic platform designed to serve both parents and administrators. It offers a user-friendly interface with sections like a home page, about us page, and a programs page detailing playschool, daycare, and after-school activities. Parents can log in to access important features such as announcements, syllabus, and a live video feed from the playschool's webcam. Administrators have advanced tools to update announcements, manage student details, track fee payments, handle admissions, and generate attendance reports, making the website an efficient solution for school management and parent communication.

### **1.2 SCOPE OF THE WORK**

The scope of work for the Nano Kids Play School website includes developing a user-friendly platform for parents and administrators. Key features include a home page, about us page, programs page (with details on playschool, daycare, and after-school activities), a gallery, and a contact form for booking tours. For parents, a secure login provides access to announcements, syllabus updates, and a live webcam feed. Administrators can log in to manage announcements, update syllabi, record fee payments, handle admissions, track daily attendance, and generate monthly reports. This platform ensures smooth communication and efficient school administration.

### 1.3 AIM AND OBJECTIVES OF THE PROJECT

The aim of the Nano Kids Play School website project is to create an interactive, efficient platform that enhances communication between parents and the school while streamlining administrative tasks. The website is designed to improve transparency and accessibility for parents and provide administrators with tools to manage daily operations efficiently.

The key objectives of the project are:

**Parent Engagement:** Provide parents with a dedicated space to access important information such as announcements, class syllabi, and a live video feed from the playschool. This enhances transparency and helps parents stay informed about their child's progress and school activities.

**Streamlined Administration:** Develop a comprehensive system for administrators to manage key tasks such as updating announcements, tracking fee payments, viewing student details, managing admissions, and maintaining daily attendance records. This simplifies workflow and ensures data is updated in real-time.

**Enhanced Communication:** Enable a smooth communication channel between the school and parents through regular updates, event galleries, and an easy-to-navigate interface.

**Effective Management:** Facilitate administrators with features that allow them to generate monthly reports and monitor student performance, attendance, and fees, thus ensuring a well-managed, organized school environment.

## **CHAPTER 2**

### **SYSTEM SPECIFICATIONS**

#### **1. HARDWARE SPECIFICATIONS**

Processor : Intel Core i3 or higher (or equivalent AMD processor)

RAM : 4 GB or more (8 GB recommended for smoother performance during development)

Storage : Minimum 10 GB of free disk space for project files, databases, and software installations

#### **2. SOFTWARE SPECIFICATIONS**

Operating System : WINDOWS 7 AND PLUS

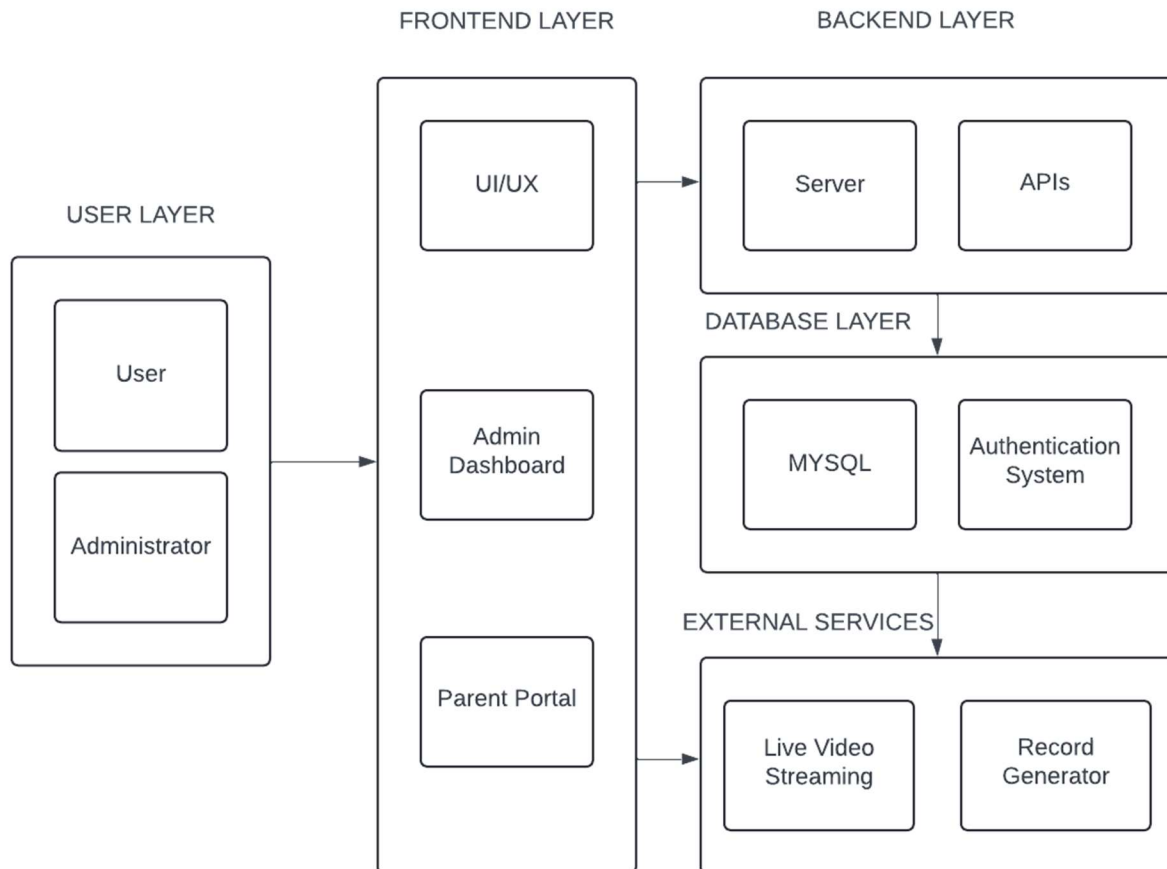
Front – End : HTML, CSS, JAVASCRIPT

Back – End : PHP, MYSQL



# CHAPTER 3

## ARCHITECTURE DIAGRAM



## **CHAPTER 4**

### **MODULE DESCRIPTION**

#### **4.1. Parent Module**

Description: This module is designed to give parents access to important information and resources related to their child's experience at the playschool.

Functionality:

- **Announcements:** View the latest school announcements and updates posted by the administrators.
- **Syllabus Access:** Download and view the syllabus for their child's class, allowing them to stay updated on academic plans.
- **Live Video Feed:** Access a live stream from the playschool's webcam, enabling parents to check on their children in real-time during the day.

#### **4.2 Admin Module**

Description: The Admin Dashboard is a centralized hub for school administrators to manage various operations related to school activities and records.

Functionality:

- **Update Announcements:** Create and update announcements to inform parents about events, notices, and important updates.
- **Manage Student Details:** Access, add, and update student profiles, including personal details and class information.
- **Fee Payment Management:** Record and track fees paid by parents, including generating receipts and viewing payment.

### **4.3 Programs and Events Module**

Description: This module highlights the various programs offered by the playschool and manages school events, allowing both current and prospective parents to explore available services.

Functionality:

- **Programs Display:** Display detailed information on playschool, daycare, and after-school activities, including program features and schedules.
- **Event Galleries:** Upload and showcase images from school events like Children's Day, Independence Day, and Teachers' Day, helping parents relive key moments.
- **Event Calendar:** Provide an interactive calendar that lists upcoming events and special days at the playschool, helping parents plan accordingly.

### **4.4 Student Information System Module**

Description: The SIS module is a comprehensive student database management system for administrators, tracking everything from admissions to fee payments and attendance.

Functionality:

- **Student Records Management:** Create, update, and store detailed student profiles, including personal information, class details, and contact information.
- **Admission Management:** Process new student admissions by filling out and submitting digital admission forms, making the process seamless and efficient.
- **Fee Recording:** Track fees paid by parents, update fee statuses, and generate invoices for completed transactions.

## **4.5 Attendance Module**

Description: The Attendance Module enables administrators to efficiently track and manage daily student attendance. It provides tools for marking students as present, absent, or late, with options to view historical records and generate reports.

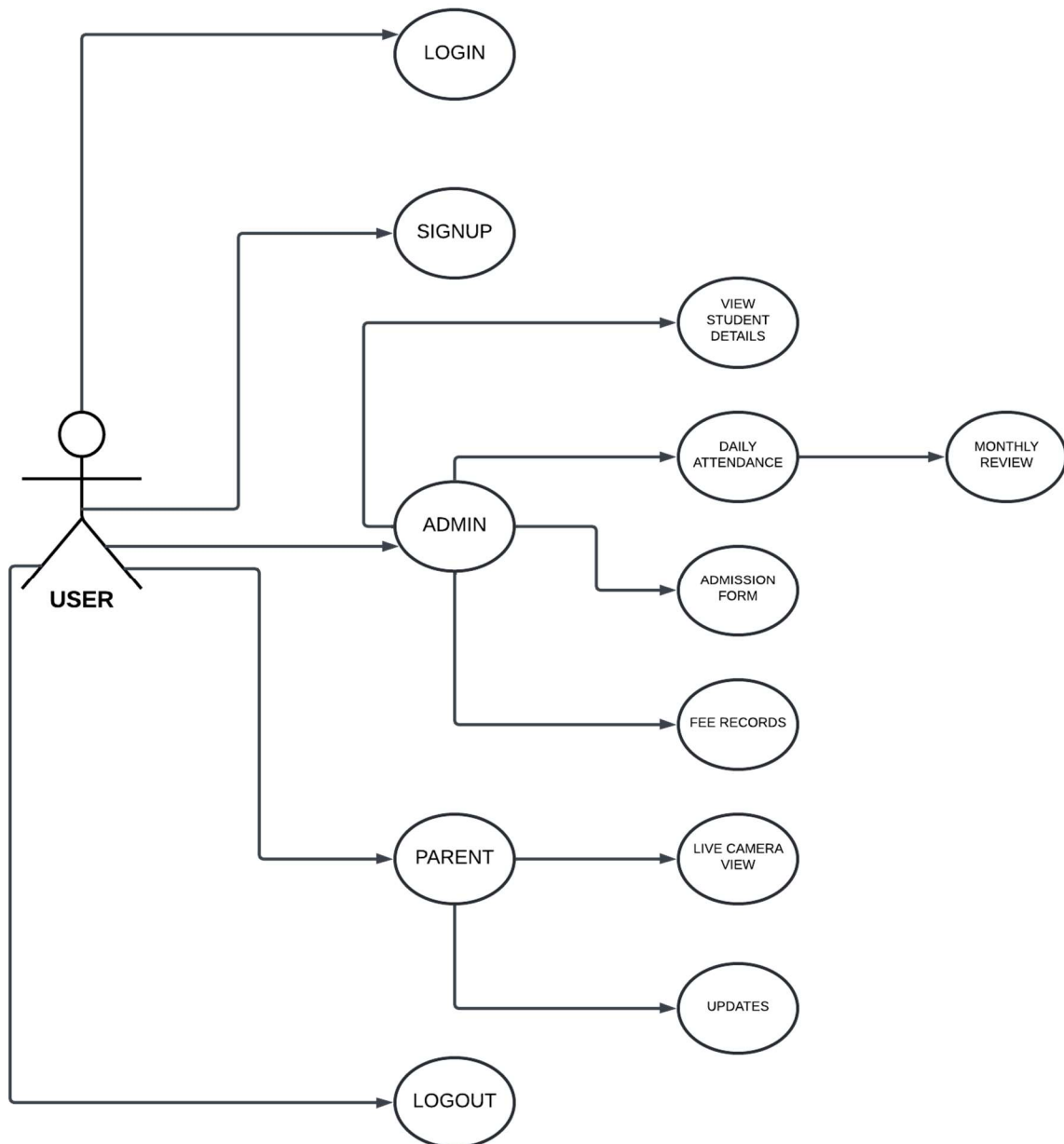
Functionality:

- Daily Attendance Entry: Mark attendance for students and staff manually or through automated systems.
- Attendance History: View and analyze attendance trends over time.
- Generate Reports: Create and export detailed attendance reports by class, date, or individual student.
- Notifications: Send alerts to parents for absences or late arrivals.
- Integration: Syncs with the Student Information System for seamless data management.

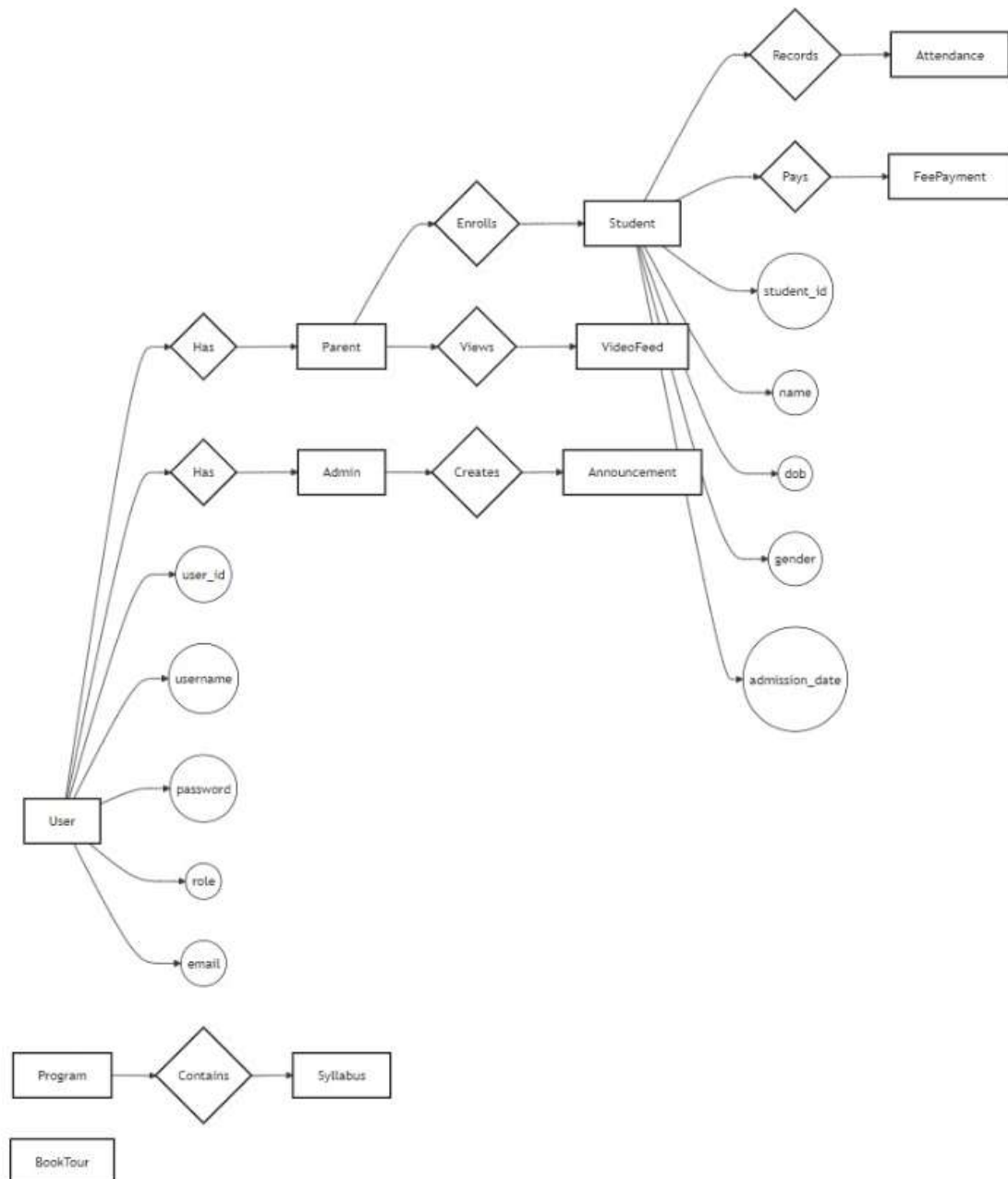
# CHAPTER 5

## SYSTEM DESIGN

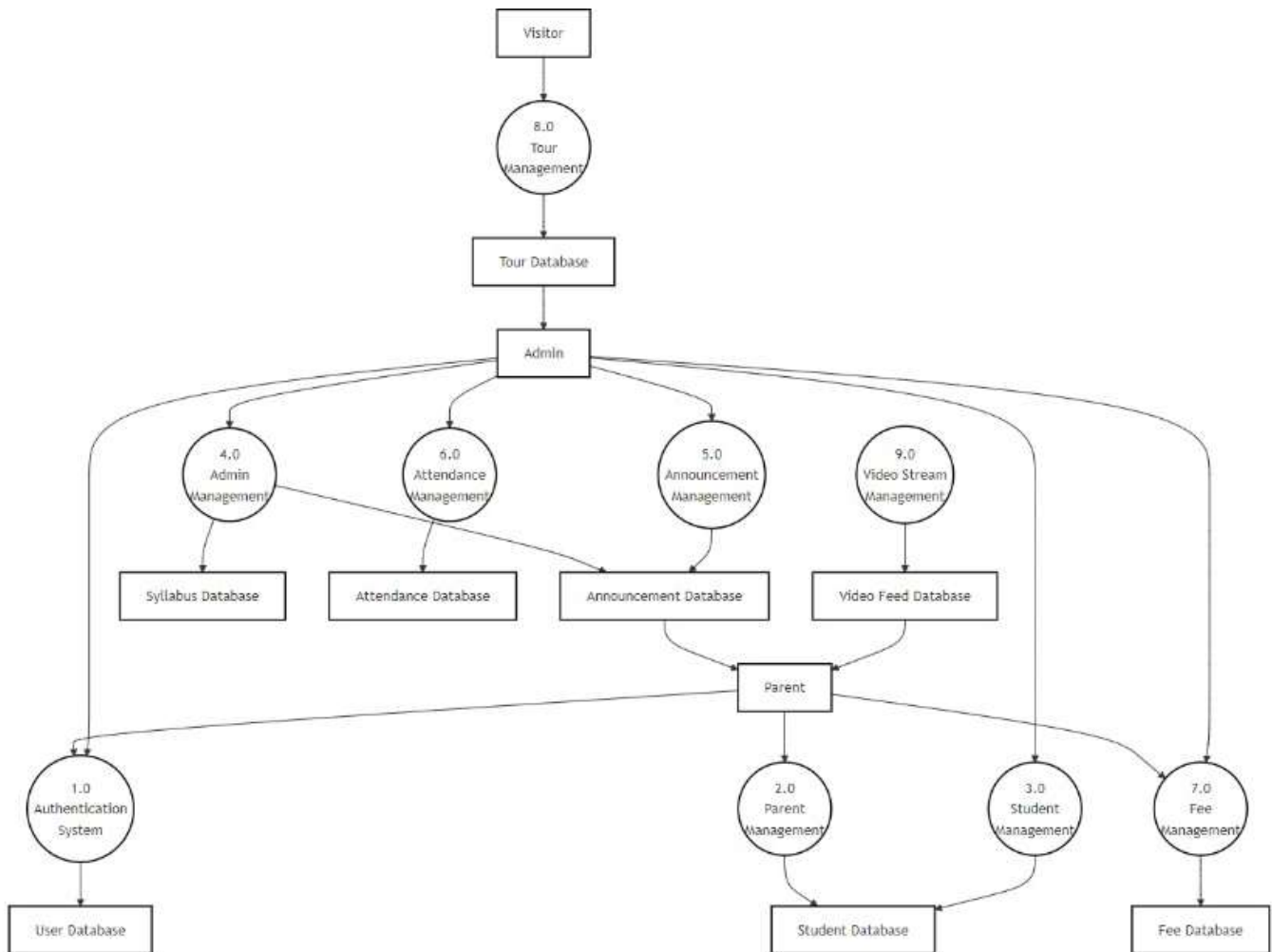
### 5.1 USE CASE DIAGRAM



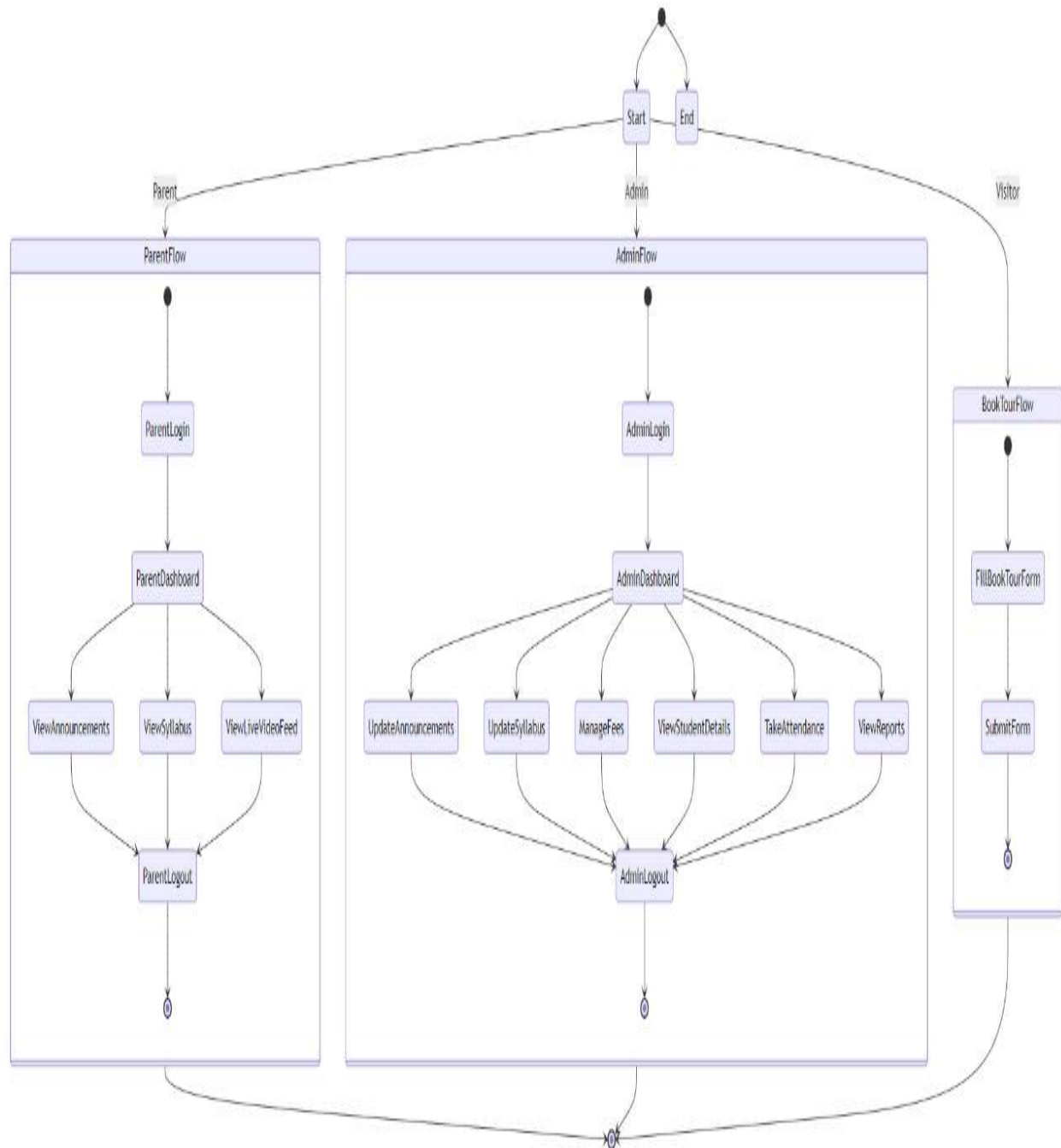
## 5.2 ER DIAGRAM



## 5.3 DFT DIAGRAM



## 5.4 ACTIVITY DIAGRAM





## CHAPTER 6

### SAMPLE CODING

```
<!doctype html>
<html lang="en">
<head>
  <!-- Required meta tags -->
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <!-- Bootstrap CSS -->
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet"
  integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCO
mLASjC" crossorigin="anonymous">
  <!-- CSS Link-->
  <link rel="stylesheet" href="1main.css">
  <title>NANO KIDS</title>
</head>
<body>
  <!-- Bootstrap Bundle with Popper -->
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js
" integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tW
tIaxVXM"
```

```
crossorigin="anonymous"></script>
<!------- NAVBAR ----->
<nav class="navbar navbar-expand-lg fixed-top">
  <div class="container">
    
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarScroll"
    aria-controls="navbarScroll" aria-expanded="false" aria-label="Toggle
navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarScroll">
      <ul class="navbar-nav m-auto my-2 my-lg-0 ">
        <li class="nav-item">
          <a class="a nav-link" href="1main.php">HOME</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="1about.php">ABOUT US</a>
        </li>
        <li class="nav-item">
          <a class="nav-link " href="1program.php">PROGRAMS</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="1gallery.php">GALLERY</a>
        </li>
        <li class="nav-item"></li>
```

```

        <a class="nav-link " href="1contact.php">CONTACT US</a>
    </li>
</ul>
<form class="d-flex">
    <a class="btn1 text-center" href="2login.php" role="button">LOGIN</a>
</form>
</div>
</div>
</nav>
<!------- NAVBAR ----->
<!------- TITLE MAIN ----->
<section class="main">
    <div class="container">
        <div class="row">
            <div class="col">
                
                <h2>Where Learning Meets Fun
                <br>And Every Child Feels Valued.
            </h2>
        </div>
    </div>
</div>
</section>
<!------- TITLE MAIN ----->
<!------- ABOUT ----->
<main id="about">
    <div class="about mt-5">

```

```
<div class="container">
  <h2 class="title h2-responsive">
    ABOUT
  </h2>
  <p class="line text-center w-responsive mx-auto mb-1">We take pride in
nurturing young minds through
    playful learning
    and joyful exploration as well as inspiring creativity, curiosity, and
confidence in every little learner.</p>
  <div class="row pt-5">
    <div class="col-md-6 align-items-stretch">
      <!-------CAROUSEL----->
      <div id="carouselExampleInterval" class="carousel slide" data-bs-
ride="carousel">
        <div class="carousel-inner">
          <div class="carousel-item active" data-bs-interval="3000">
            
          </div>
          <div class="carousel-item" data-bs-interval="3000">
            
          </div>
          <div class="carousel-item" data-bs-interval="3000">
            
          </div>
        </div>
        <button class="carousel-control-prev" type="button" data-bs-
target="#carouselExampleInterval">
```

```

        data-bs-slide="prev">
        <span class="carousel-control-prev-icon" aria-hidden="true"></span>
        <span class="visually-hidden">Previous</span>
    </button>
    <button class="carousel-control-next" type="button" data-bs-
target="#carouselExampleInterval"
        data-bs-slide="next">
        <span class="carousel-control-next-icon" aria-hidden="true"></span>
        <span class="visually-hidden">Next</span>
    </button>
</div>
<!-------CAROUSEL----->
</div>
<div class="col-md-6">
    <h2 class="paratitle h2-responsive fw-bold text-start">OUR
PLAYSCHOOL</h2>
    <p class="para">Nano Kids is committed to providing a safe, nurturing,
and stimulating environment where
        children can thrive. Our play-based approach encourages exploration,
creativity, and curiosity, fostering
        a love for learning from an early age. We believe in nurturing each
child's unique abilities, supporting
        both their academic and social development.
    </p>
    <a class="btn btn-primary" href="1about.php">EXPLORE</a><br>
    <a class="btn btn-primary" href="1contact.php">BOOK A
TOUR</a>

```

```

    </div>
  </div>
</div>
</main>
<!------- ABOUT ----->
<!------- COURSES ----->
<main class="courses mb-5">
  <div class="container">
    <h2 class="title h2-responsive mb-2">
      PROGRAMS
    </h2>
    <p class="line text-center w-responsive mb-4">Our courses focus on
interactive learning, creativity, social
      skills, and early childhood development, ensuring a well-rounded
educational experience.</p>
    <div class="row">
      <div class="col-sm-4">
        <div class="card box">
          
          <div class="card-body">
            <h5 class="card-title">PLAYSCHOOL</h5>
            <p class="card-text">Our playschool encourages early learning through
play, fostering creativity,
              curiosity, and social development in a fun, nurturing environment.</p>
          </div>
          <a class="stretched-link" href="1program.php"></a>
        </div>
      </div>
    </div>
  </div>

```

</div>

<div class="col-sm-4">

<div class="card box">



<div class="card-body">

<h5 class="card-title">DAYCARE</h5>

<p class="card-text">Our daycare offers a safe, caring environment  
where children can play, learn, and  
grow, under attentive, experienced supervision.</p>

</div>

<a class="stretched-link" href="1program.php"></a>

</div>

</div>

<div class="col-sm-4">

<div class="card box">



<div class="card-body">

<h5 class="card-title">AFTER SCHOOL</h5>

<p class="card-text">Our after-school activities provide a fun, engaging  
space for children to explore  
new skills, enhance creativity, and build friendships.</p>

</div>

<a class="stretched-link" href="1program.php"></a>

</div>

</div>

</div>

</div>

</main>

<!----- GALLERY ----->

<main>

<div class="container mb-5">

<h2 class="title h2-responsive">

GALLERY

</h2>

<p class="galtext line text-center w-responsive mb-4">Explore our gallery to see joyful moments of children learning, playing, and growing in a vibrant, nurturing environment.</p>

<div class="gallery row">

<div class="col-lg-4 col-md-12 mb-4 mb-lg-0">

<a href="1gallery.php">

</a>

<a href="1gallery.php">

</a>

</div>

<div class="col-lg-4 mb-4 mb-lg-0">

<a href="1gallery.php">

</a>

<a href="1gallery.php">

</a>



```

</div>
<div class="col-lg-4 mb-4 mb-lg-0">
  <a href="1gallery.php">
    </a>
    <a href="1gallery.php">
      </a>
    </div>
  </div>
</div>
</main>
<!------- GALLERY ----->
<footer class="pt-5 pb-4">
  <div class="foot container text-center text-md-left">
    <div class="row text-center text-md-left">
      <!-- Contact Info -->
      <div class="col-md-4 col-lg-3 col-xl-3 mx-auto mt-3">
        <h5 class="text-uppercase mb-4 font-weight-bold">Contact Us</h5>
        <p><i class="fas fa-envelope"></i>
info@nanokidsplayschool.com</p>
        <p><i class="fas fa-phone"></i> +91 98765 43210</p>
      </div>
      <!-- Quick Links -->
      <div class="col-md-2 col-lg-2 col-xl-2 mx-auto mt-3">
        <h5 class="text-uppercase mb-4 font-weight-bold">Quick Links</h5>
        <p><a href="1about.php">About Us</a></p>

```

<p><a href="1 gallery.php">Gallery</a></p>

<p><a href="1 contact.php">Admissions</a></p>

<p><a href="1 contact.php">Contact</a></p>

</div>

</div>

<hr class="mb-4">

<!-- Copyright -->

<div class="copy row align-items-center">

<div class="col-md-7 col-lg-8">

<p class="text-center text-md-left">© 2024 Nano Kids Play School |  
All Rights Reserved.</p>

</div>

<div class="col-md-5 col-lg-4">

<p class="text-center text-md-right">Designed by NANDHANA C  
H</a></p>

</div>

</div>

</div>

</footer>

</body>

</html>

# CHAPTER 7

## SCREEN SHOTS

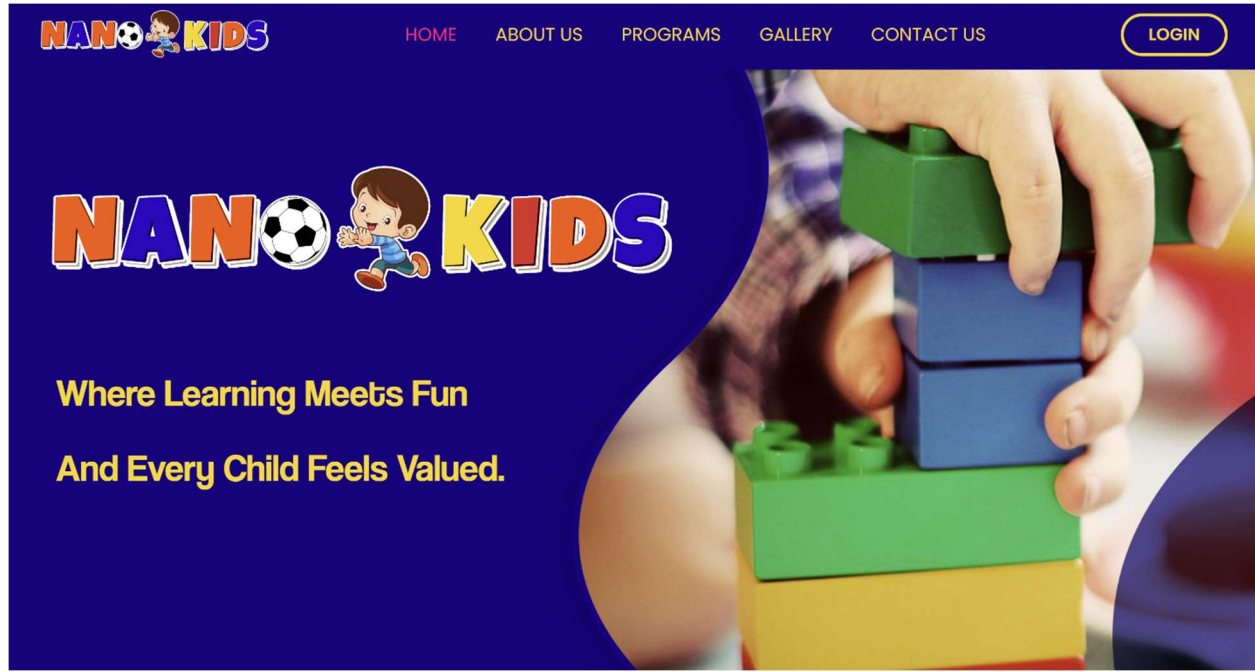


Fig 7.1 Home

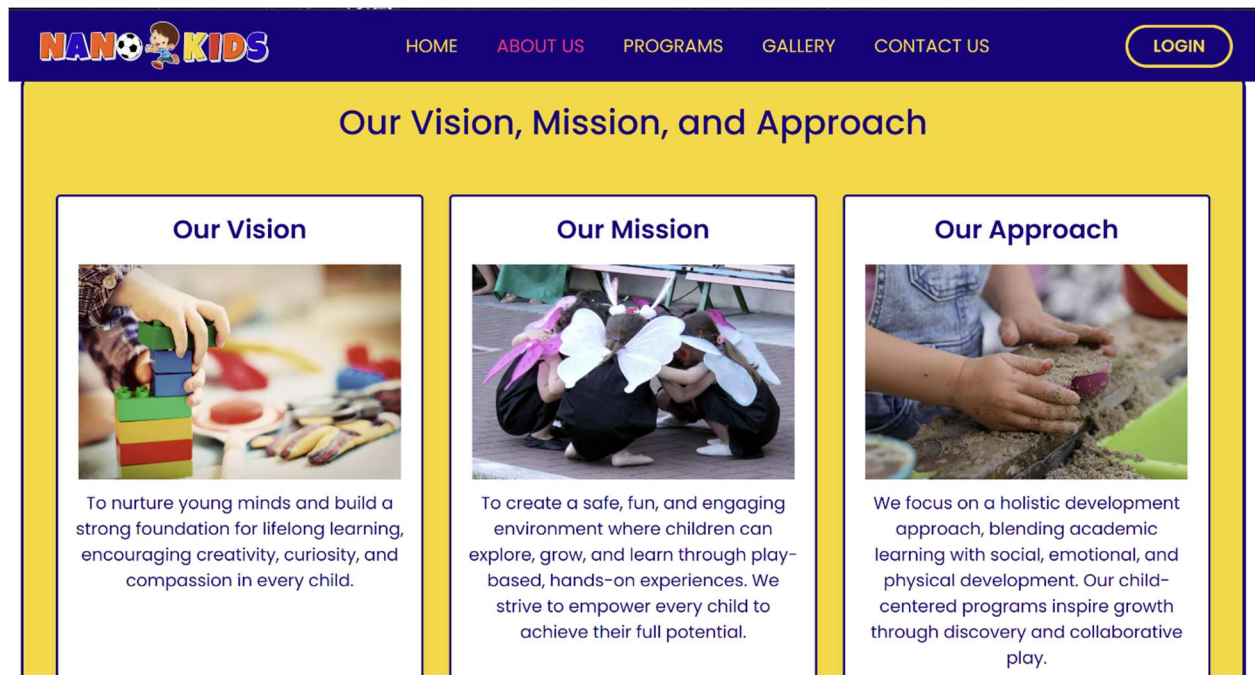


Fig 7.2 About Us Section



[HOME](#)
[ABOUT US](#)
[PROGRAMS](#)
[GALLERY](#)
[CONTACT US](#)

LOGIN

PROGRAMS OFFERED

At Nano Kids Play School, we provide a variety of programs designed to foster creativity, development, and a love for learning in children of different age groups. Explore our offerings below:



### PLAYSCHOOL

Our Playschool program is designed for children aged 2 to 4 years. Through structured play and creative activities, we encourage the development of cognitive, motor, and social skills. Children engage in activities like storytelling, music, art, and simple science experiments. Our goal is to create a nurturing and fun environment where early learners can explore and discover the world around them.

- Focus on sensory play and early language development
- Introduction to letters, numbers, colors, and shapes
- Safe, structured routines that promote independence

**Fig 7.3 Programs Section**



[HOME](#)
[ABOUT US](#)
[PROGRAMS](#)
[GALLERY](#)
[CONTACT US](#)

LOGIN

CHILDREN'S DAY





Fun Games

Happy Faces


Costume Fun





**Fig 7.4 Gallery Section**





HOMEABOUT USPROGRAMSGALLERYCONTACT US

LOGIN

CONTACT US

### Get In Touch

If you have any questions or would like to know more about Nano Kids Play School, feel free to reach out to us. You can also book a tour using the form below.

#### Our Location:

No 26, Rainbow Flats, Thulassi Das Nagar,  
Kumananchavadi, Chennai 600056,  
Tamil Nadu, India

**Phone:** +91 98765 43210

**Email:** [info@nanokidsplayschool.com](mailto:info@nanokidsplayschool.com)

### Book a Tour

Full Name


Email

Phone Number

Preferred Date for the Tour

Book Tour

Fig 7.5 Contact Us Section



### LOGIN

Email:

Password:

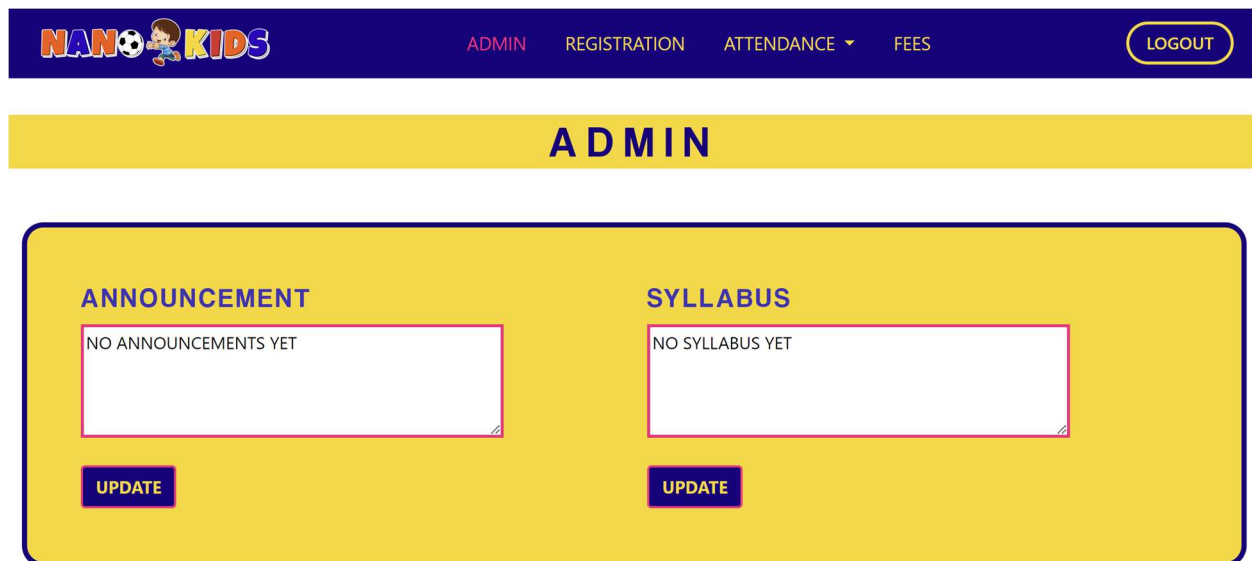
Login

[Forgot Password?](#)

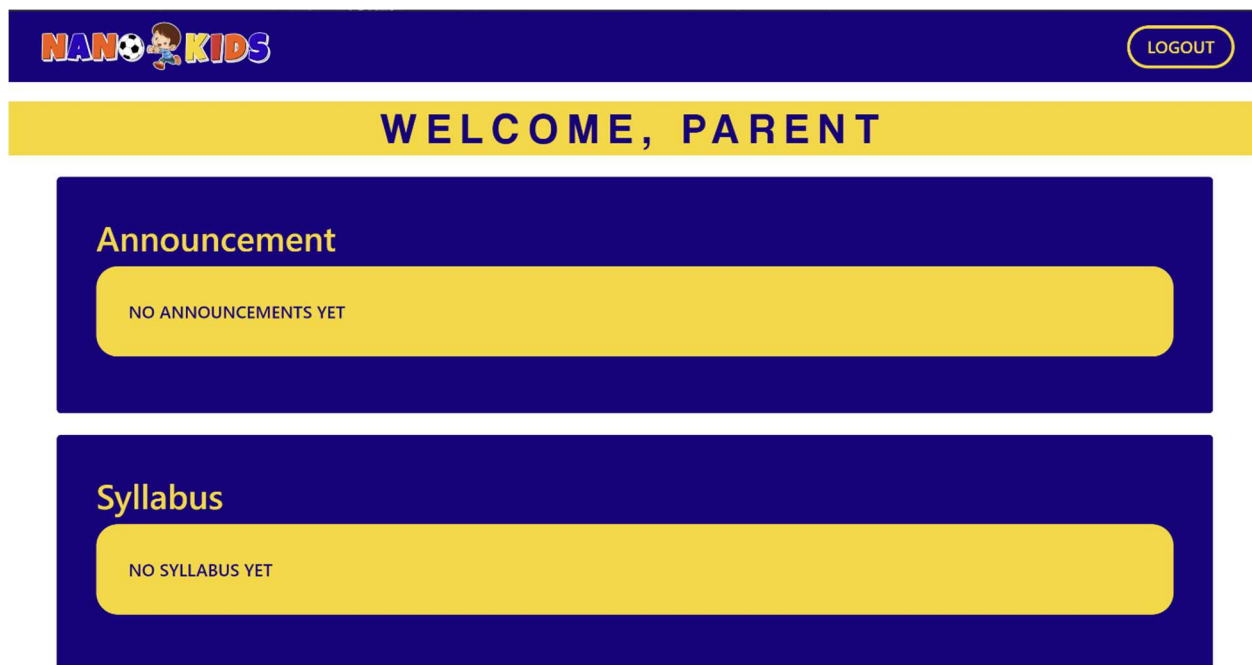
Don't have an account? [Sign up](#)

[Go Back](#)

Fig 7.6 Login Page



**Fig 7.7 Admin Page**



**Fig 7.8 Parent Page**

## **CHAPTER 8**

### **CONCLUSION**

The Nano Kids Play School website is a well-rounded, efficient platform that bridges the gap between parents and administrators, enhancing communication and simplifying administrative tasks. By providing a user-friendly interface, the website offers parents easy access to crucial information such as announcements, class syllabi, and a live video feed of their child's activities, fostering transparency and trust between the school and families. At the same time, the Admin Dashboard streamlines daily operations for administrators, allowing them to efficiently manage student details, track fee payments, handle admissions, and maintain attendance records.

In conclusion, the Nano Kids Play School website provides a comprehensive digital solution that caters to the needs of parents and administrators alike, ensuring an organized, transparent, and well-managed school environment. It not only strengthens parent-school communication but also enhances the playschool's operational efficiency, creating a more effective and engaging experience for all stakeholders.

## REFERENCES

- 1.HTML , CSS , JS – [www.w3schools.com](http://www.w3schools.com) , <https://youtu.be/VJKx9uLEpaU>
- 2.PHP, MYSQL – [www.youtube.com](http://www.youtube.com)
- 3.Carousel Slider – <https://youtu.be/VJKx9uLEpaU>
- 4.Font Awesome Icons – [www.fontawesome.com](http://www.fontawesome.com)