

1. INTRODUCTION

1.1 SYSTEM OVERVIEW

Pre-school enrollment system using PHP allows administrators, teachers, parents, and students to log in with their credentials to access specific features and information. It includes features for User Authentication, Student Registration, Class Management, Teacher Management, Parent Communication, Fee Management, Attendance Tracking, Gradebook, Reports and Analytics, Security and Privacy. The backend handles data storage using MySQL, while the frontend provides a user-friendly interface built with HTML, CSS, bootstrap and JavaScript frameworks. Staff members can manage the app through an admin dashboard, ensuring efficient operation and enhanced customer experience.

1.2 ABOUT THE ORGANIZATION

The system study entitled “**PRE-SCHOOL ENROLLMENT SYSTEM USING PHP**” for ELYSIUM ACADEMY PRIVATE LIMITED, Coimbatore aims at training and software development. pre-school enrollment system using PHP is developed by using HTML, CSS, Bootstrap, JavaScript as front-end PHP as backend and MySQL for database.

Elysium Academy Private Limited was established in 2012 by Elysium Group of Companies. It's a technology hub that offers a comprehensive array of International Certification courses. We promote Indian students on a global platform. Our customized courses equip students with the advanced technological skills that can transform their career dreams into reality.

2. SYSTEM STUDY AND ANALYSIS

2.1 EXISTING SYSTEM:

Parents or guardians can create accounts by providing necessary personal information and details about their children. Users can log in securely using their registered credentials to access the system's features and functionalities. Parents can enrol their children in pre-school classes, specifying preferred schedules, program options, and additional information. Administrators have access to a dashboard where they can manage user accounts, view enrollment statistics, generate reports, and perform other administrative tasks. The system may include features for sending notifications, announcements, and reminders to parents and staff members via email or SMS. Optionally, the system may facilitate online payment processing for tuition fees, managing invoices, and generating payment receipts. The system stores student information, parent details, class schedules, enrollment history, and other relevant data securely in a MySQL database.

2.1.1 DRAWBACKS

- Security Concerns
- Scalability Challenges
- Maintenance Overhead
- User Experience
- Database Dependency
- Performance Limitations

2.2 PROPOSED SYSTEM:

The proposed pre-school enrollment system using PHP will streamline the enrollment process for parents and administrators. It will include features such as user registration, login authentication, enrollment management, administrative dashboard, and payment processing. The system will leverage HTML, CSS, and JavaScript for the frontend, PHP for server-side scripting, and MySQL for the database. It will prioritize user-friendly interfaces, data security, scalability, and efficient data management to enhance the overall enrollment experience and administrative efficiency.

2.2.1 ADVANTAGE:

- Efficiency
- Accuracy
- Accessibility
- Centralized Data Management
- Communication
- Reporting
- Scalability
- Cost-Effective

2.3 OBJECTIVES OF THE SYSTEM

The objectives of the system are to streamline the Efficiency in enrollment processes, Accessibility for parents and administrators, Improved communication between stakeholders, Optional financial management integration, compliance with regulations and policies, scalability for future growth, user satisfaction through a seamless experience. This is the only application for PRE-SCHOOL ENROLLMENT SYSTEM USING.

3. DEVELOPMENT ENVIRONMENTAL

3.1 HARDWARE REQUIREMENTS

- intel core i5 Processor
- 8GB RAM
- 500 MB disk space

3.2 SOFTWARE REQUIREMENTS

- Windows OS
- HTML, CSS, bootstrap, JavaScript for front end
- PHP for backend
- MySQL for database

3.3 SOFTWARE DESCRIPTION

The pre-school enrollment system is a web-based application designed to facilitate the enrollment process for pre-school programs. It utilizes PHP for the backend logic, MySQL for database management, and HTML, CSS, and JavaScript for the frontend interface. Parents can register their children, submit enrollment forms, and view class schedules. Administrators can manage student records, update class information, and generate reports. The system ensures data security, user authentication, and efficient data management, providing a seamless experience for parents, administrators, and staff.

4.SYSTEM DESIGN

4.1 DESIGN CONSTRAINTS

Design constraints for pre-school enrollment system using PHP include Scalability, Security, User Experience, Data Integrity, Compatibility, Accessibility, Performance, Modularity, Error Handling, Documentation.

4.2 DATABASE DESIGN:

Database is the heart of any information system. any information must be collected, accumulated, edited and should be retrieved. Therefore, it should directly need files should be properly designed and planned, Files are an important and crucial component for the successful performance of the system. File design includes master files and transaction files.

4.3 TABLE DESIGN:

Screen design begins with recognition that the screen is composed of different areas. Layout tools assist the analyst in specifying the content of the signal and multiple design formats. All screen has been provided with menus, push buttons facilities, an icons and controls buttons.

4.3.1 VIEWS OF TABLE

These views can offer a convenient way to access and analyse data from the underlying tables, presenting it in a format that is meaningful and useful for different stakeholders within the organization, such as customers, staff, and management.

- admin table
- class table
- enrollment Table
- teacher table
- visitor table

TABLE DESIGN

1) Table Name: admin table

Primary Key: adminID

Field Name	Data Type	Size	Type
Admin name	Varchar	120	Default null
Email	Varchar	120	Default null
password	Varchar	120	Default null
User type	Int	10	Default null

2) Table Name: class table

Primary Key: classID

Field Name	Data Type	Size	Description
Teacher id	Int	10	Default null
Class name	Varchar	100	Default null
Age group	varchar	100	Default null
Class timing	Varchar	120	Default null
Posting data	Timestamp	-	Default null

3)Table Name: enrollment table

Primary Key: enrollment id

Field Name	Data Type	Size	Description
enrollment number	bigInt	12	Default null
Father name	Varchar	120	Default null
Mother name	Varchar	120	Default null
Child name	Varchar	150	Default null
Parent email id	Varchar	120	Default null

4) Table Name: teacher table

Primary Key: teacher ID

Field Name	Data Type	Size	Description
Full name	varchar	255	Default null
Teacher email	varchar	255	Default null
Teacher mob no	Bigint	11	Default null
Teacher subject	varchar	255	Default null
Reg date	timestamp		Default null

5) Table Name: visible table

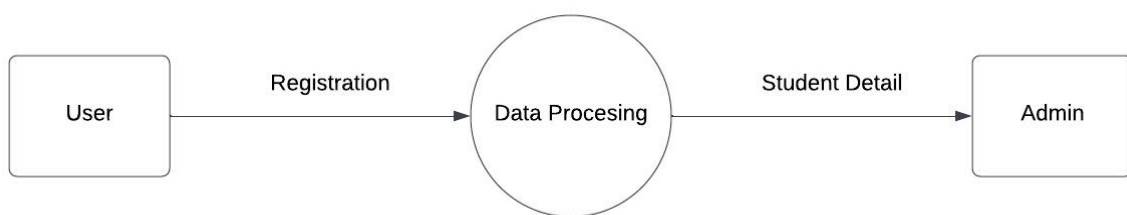
Primary Key: visitorID

Field Name	Data Type	Size	Description
Guardian name	varchar	220	Default null
Child name	Varchar	225	Default null
Guardian email	Varchar	120	Default null
Visit time	varchar	220	Default null

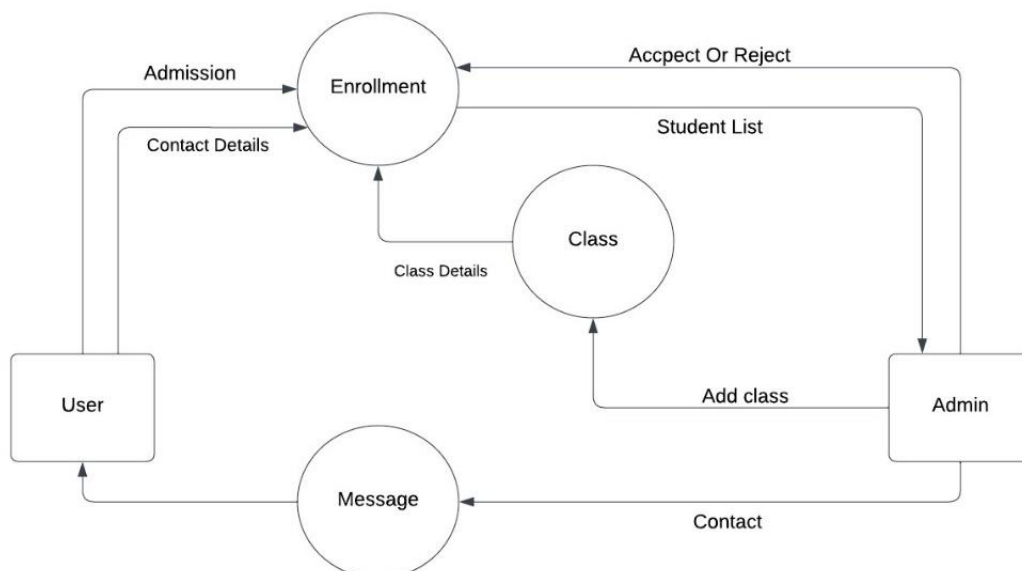
4.3.2 DATAFLOW DIAGRAM

Dataflow diagram is a representation in which overall description of a system can be shown in the form of a diagram. The description of the system will start from the source of the content and with its destination. The diagram can be divided many different stages must give information about the system.

LEVEL 0



LEVEL 1



4.4 INPUT DESIGN

Input design is the process of converting a user-oriented description of the input into a computer-based system. This design is important to avoid errors in the data input process and show the correct direction to the management for getting correct information from the computerized system

4.4.1 OBJECTIVES OF INPUT DESIGN

In accurate input data is the most common cause of errors in data processing. Errors found at the data entry can be controlled by the proper input design. The input was designed with the following objectives

- Accuracy
- Completeness
- Consistency
- Clarity
- Efficiency
- Flexibility
- Security
- User-Friendliness
- Error Handling

4.5 OUTPUT DESIGN

Output design refers to the process of presenting information to users in a format that is understandable, useful, and meaningful. In the context of a pre-school enrollment system, output design involves

- consistency
- customization
- interactivity
- accessibility
- security

5. SYSTEM DEVELOPMENT

5.1 MODULE DESCRIPTION:

5.1.1 USER REGISTRATION MODULE:

This module allows parents or guardians to register their child for enrollment in the pre-school program. It captures essential information such as parent/guardian details, child's personal information, contact details, and any special requirements or preferences.

5.1.2 ENROLLMENT MODULE:

This module facilitates the enrollment process once the registration is complete. It includes features for selecting the desired program or class, specifying enrollment dates, and making any necessary payments or deposits.

5.1.3 ATTENDANCE TRACKING MODULE:

This module tracks the attendance of enrolled children. It records attendance data for each session or day and provides reports to parents or administrators to monitor attendance patterns and identify any issues or trends.

5.1.4 STAFF MANAGEMENT MODULE:

This module manages staff information, including teacher profiles, qualifications, schedules, and performance evaluations. It facilitates scheduling, resource allocation, and task assignments to ensure efficient operations and delivery of the pre-school program.

5.1.5 REPORTING AND ANALYTICS MODULE:

This module generates reports and analytics to provide insights into various aspects of the pre-school program, such as enrollment trends, attendance rates, academic performance, financial metrics, and parent satisfaction. It enables administrators to make data-driven decisions and improve program effectiveness.

5.1.6 SECURITY AND ACCESS CONTROL MODULE:

This module ensures the security of sensitive data and controls access to system features and information. It includes user authentication, role-based access control, encryption, audit trails, and other security measures to protect against unauthorized access or data breaches.

6. SYSTEM IMPLEMENTATION AND MAINTENANCE

IMPLEMENTATION:

Develop system components (frontend, backend) according to requirements, conduct testing, and deploy to production.

MAINTENANCE:

Provide ongoing support, address technical issues, collect user feedback for enhancements, ensure data security, and conduct periodic evaluations for improvement.

7. CONCLUSION AND FUTURE ENHANCEMENT

7.1 CONCLUSION

the project successfully achieved its goal of creating a pre-school enrollment system using PHP, HTML, CSS, and JavaScript for the frontend, and PHP and MySQL for the backend. It provides a streamlined process for enrolling students, managing data, and facilitating communication between parents and administrators. With further refinements and enhancements, it has the potential to become even more efficient and user-friendly.

7.2 FUTURE ENHANCEMENT

Implementing additional features such as online payment integration for fees. Enhancing the user interface with more interactive elements and modern design principles. Incorporating features for real-time communication between parents, teachers, and administrators. Developing a mobile application version for increased accessibility. Introducing data analytics tools for generating insights into enrollment trends and student performance.

8. ANNEXURE(S)

A. SAMPLE CODING

Coding:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="utf-8">

  <title>PreSchool Enrollment System </title>

  <meta content="width=device-width, initial-scale=1.0" name="viewport">

  <link rel="preconnect" href="https://fonts.googleapis.com">

  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

  <link
href="https://fonts.googleapis.com/css2?family=Heebo:wght@400;500;600&family=Inter:w
ght@600&family=Lobster+Two:wght@700&display=swap" rel="stylesheet">

  <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css"
rel="stylesheet">

  <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.4.1/font/bootstrap-icons.css"
rel="stylesheet">

  <link href="lib/animate/animate.min.css" rel="stylesheet">

  <link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">

  <link href="css/bootstrap.min.css" rel="stylesheet">

  <!-- Template Stylesheet -->

  <link href="css/style.css" rel="stylesheet">

</head>

<body>

  <div class="container-xxl bg-white p-0">
```

```

<!-- Spinner Start -->

<div id="spinner" class="show bg-white position-fixed translate-middle w-100 vh-100
top-50 start-50 d-flex align-items-center justify-content-center">

    <div class="spinner-border text-primary" style="width: 3rem; height: 3rem;"
role="status">

        <span class="sr-only">Loading...</span>

    </div>

</div>

<!-- Spinner End -->


<!-- Navbar Start -->

<nav class="navbar navbar-expand-lg bg-white navbar-light sticky-top px-4 px-lg-5 py-
lg-0">

    <a href="index.php" class="navbar-brand">

        <h1 class="m-0 text-primary"><i class="fa fa-book-reader me-3"></i>Pre-
School</h1>

    </a>

    <button type="button" class="navbar-toggler" data-bs-toggle="collapse" data-bs-
target="#navbarCollapse">

        <span class="navbar-toggler-icon"></span>

    </button>

    <div class="collapse navbar-collapse" id="navbarCollapse">

        <div class="navbar-nav mx-auto">

            <a href="index.php" class="nav-item nav-link active">Home</a>

            <a href="about.php" class="nav-item nav-link">About Us</a>

            <a href="classes.php" class="nav-item nav-link">Classes</a>

            <a href="contact.php" class="nav-item nav-link">Contact Us</a>

```


[illegible]

```

</div>

<div class="owl-carousel-item position-relative">

  <div class="position-absolute top-0 start-0 w-100 h-100 d-flex align-items-
center" style="background: rgba(0, 0, 0, .2);">

    <div class="container">

      <div class="row justify-content-start">

        <div class="col-10 col-lg-8">

          <h1 class="display-2 text-white animated slideInDown mb-4">Make
A Brighter Future For Your Child</h1>

```

```

    </div>

  </div>

</div>

</div>

</div>

</div>

</div>

</div>

<!-- Carousel End -->

<!-- Facilities Start -->

<div class="container-xxl py-5">

  <div class="container">

    <div class="text-center mx-auto mb-5 wow fadeInUp" data-wow-delay="0.1s"
style="max-width: 600px;">

      <h1 class="mb-3">School Facilities</h1>

    </div>

```

```

<div class="row g-4">

  <div class="col-lg-3 col-sm-6 wow fadeInUp" data-wow-delay="0.1s">

    <div class="facility-item">

      <div class="facility-icon bg-primary">

        <span class="bg-primary"></span>

        <i class="fa fa-bus-alt fa-3x text-primary"></i>

        <span class="bg-primary"></span>

      </div>

      <div class="facility-text bg-primary">

        <h3 class="text-primary mb-3">School Bus</h3>

        </div>

      </div>

    </div>

    <div class="col-lg-3 col-sm-6 wow fadeInUp" data-wow-delay="0.3s">

      <div class="facility-item">

        <div class="facility-icon bg-success">

          <span class="bg-success"></span>

          <i class="fa fa-futbol fa-3x text-success"></i>

          <span class="bg-success"></span>

        </div>

        <div class="facility-text bg-success">

          <h3 class="text-success mb-3">Playground</h3>

          </div>

        </div>

      </div>

    </div>

  </div>

  <div class="row g-1">

```

```

<div class="col-4">

  <div class="border-top border-3 border-primary pt-2">

    <h6 class="text-primary mb-1">Age:</h6>

    <small>2-3 Year</small>

  </div>

</div>

<div class="col-4">

  <div class="border-top border-3 border-success pt-2">

    <h6 class="text-success mb-1">Time:</h6>

    <small>12-1 PM</small>

  </div>

</div>

<div class="col-4">

  <div class="border-top border-3 border-warning pt-2">

    <h6 class="text-warning mb-1">Capacity:</h6>

    <small>25 Kids</small>

  </div>

</div>

</div>

</div>

</div>

<div class="col-lg-4 col-md-6 wow fadeInUp" data-wow-delay="0.1s">

  <div class="classes-item">

    <div class="bg-light rounded-circle w-75 mx-auto p-3">

```

```

```

```
</div>
```

```
<div class="bg-light rounded p-4 pt-5 mt-n5">
```

```
<a class="d-block text-center h3 mt-3 mb-4" href="">Language and
Speaking</a>
```

```
<div class="d-flex align-items-center justify-content-between mb-4">
```

```
<div class="d-flex align-items-center">
```

```

```

```
<div class="ms-3">
```

```
<h6 class="text-primary mb-1">Amit Singh</h6>
```

```
<small>Teacher</small>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="row g-1">
```

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

```
<div class="border-top border-3 border-primary pt-2">
```

```
<h6 class="text-primary mb-1">Age:</h6>
```

```
<small>4-5 Year</small>
```

```
</div>
```

```
</div>
```

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



```

<div class="row g-0">

  <div class="col-lg-6 wow fadeIn" data-wow-delay="0.1s">

    <div class="h-100 d-flex flex-column justify-content-center p-5">

      <h1 class="mb-4">Schedule a Visit</h1>

      <form method="post">

        <div class="row g-3">

          <div class="col-sm-6">

            <div class="form-floating">

              <input type="text" class="form-control border-0" id="gname"
name="gname" placeholder="Gurdian Name" required>

              <label for="gname">Gurdian Name</label>

            </div>

          </div>

          <div class="col-sm-6">

            <div class="form-floating">

              <input type="email" class="form-control border-0"
id="emailid" name="emailid" placeholder="Gurdian Email" required>

              <label for="gmail">Gurdian Email</label>

            </div>

          </div>

          <div class="col-sm-6">

            <div class="form-floating">

              <input type="text" class="form-control border-0" id="cname"
name="cname" placeholder="Child Name" required>

              <label for="cname">Child Name</label>

            </div>

          </div>

        </div>

      </form>

    </div>

  </div>

```

```

        <div class="col-sm-6">
            <div class="form-floating">
                <select class="form-control" id="agegroup" name="agegroup"
required>
                    <option value="">Select</option>
                    <option value="18 Month-3 Year">18 Month-2 Year</option>
                    <option value="2-3 Year">2-3 Year</option>
                    <option value="3-4 Year">3-4 Year</option>
                    <option value="4-5 Year">4-5 Year</option>
                    <option value="5-6 Year">5-6 Year</option>
                </select>
                <label for="cage">Child Age</label>
            </div>
        </div>

```

```

        <div class="col-sm-6">
            <label for="cage">Visit Time</label>
        </div>

```

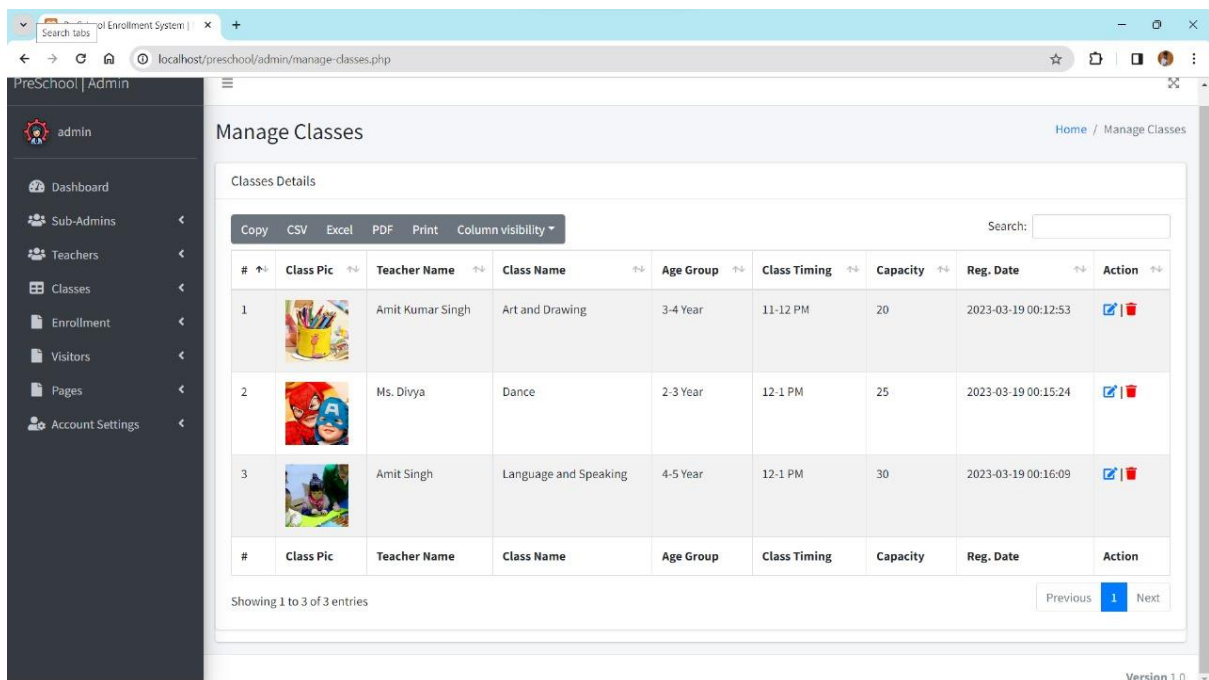
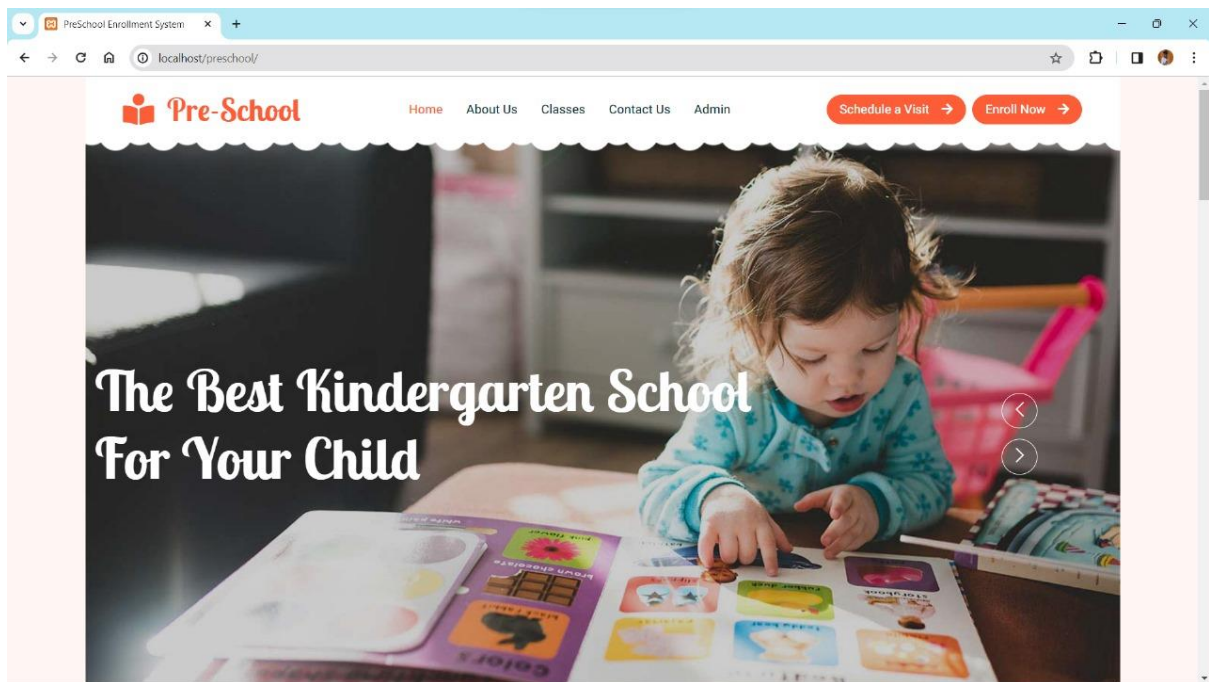
```

        <div class="col-sm-6">
            <div class="form-floating">
                <input type="datetime-local" id="visittime" name="visittime" required >
            </div>

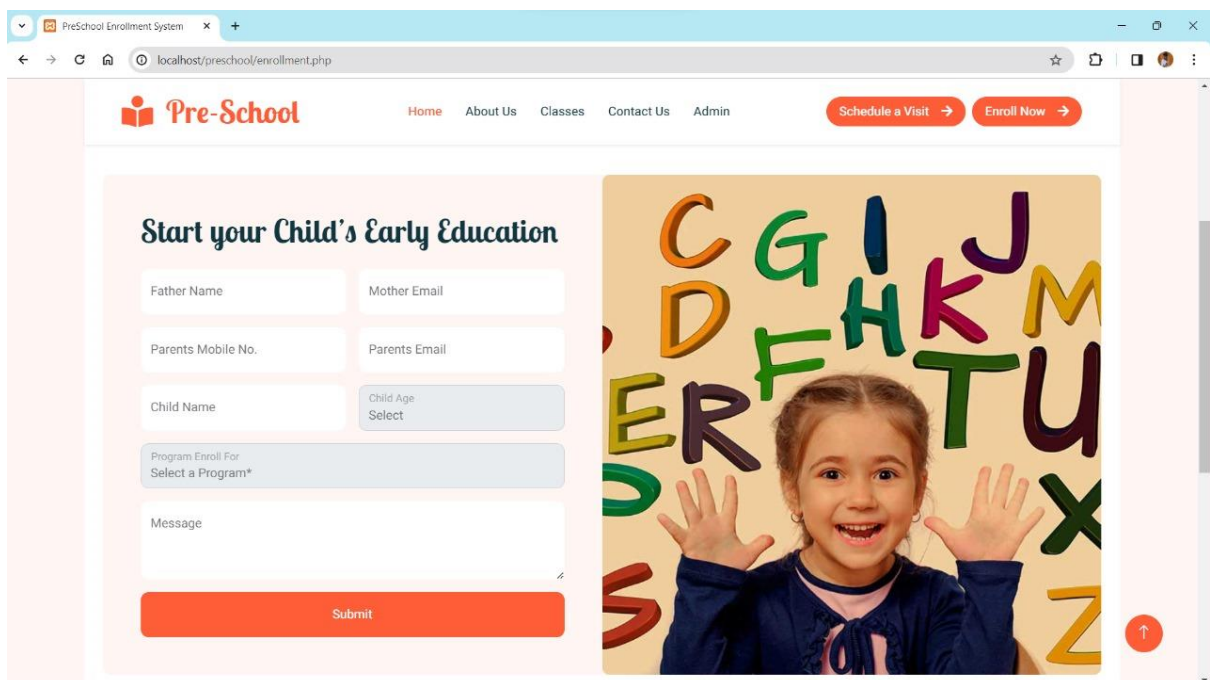
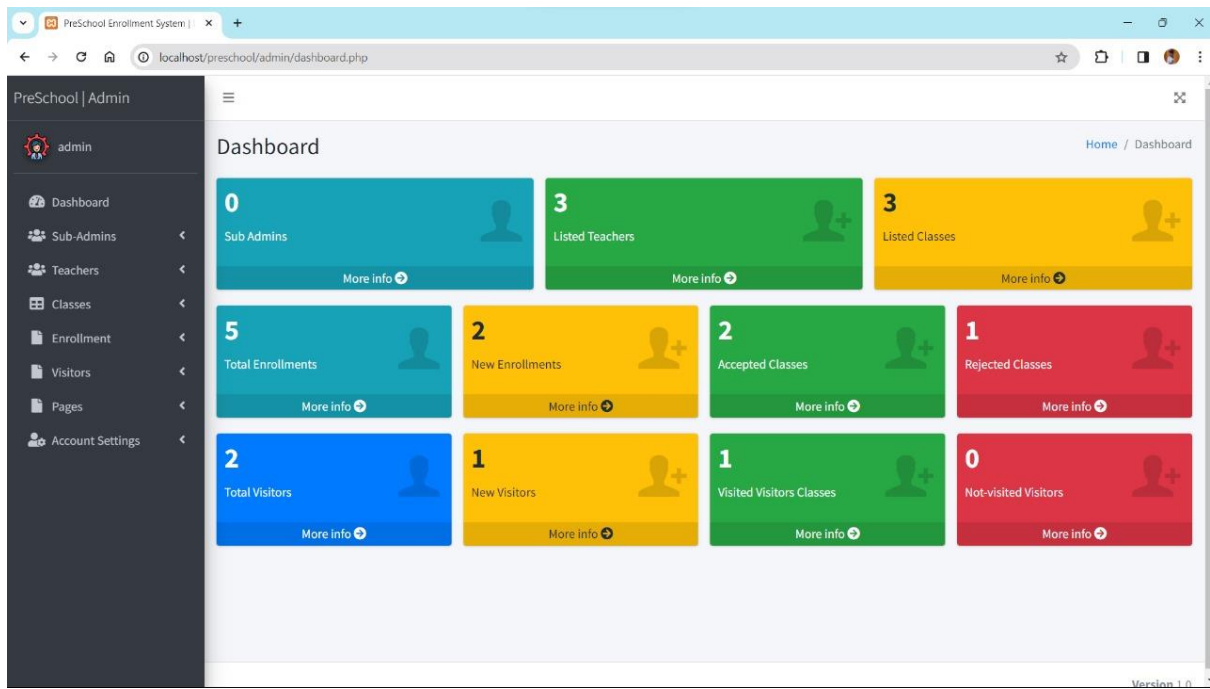
```

B. INPUT / OUTPUT FORMS

HOME PAGE:



DASHBOARD PAGE:



PreSchool Enrollment System

localhost/preschool/visit.php

Pre-School

Home About Us Classes Contact Us Admin

Schedule a Visit → Enroll Now →

Schedule a Visit

Gurdian Name

Gurdian Email


Child Name

Child Age

Visit Time

Message

Submit



PreSchool Enrollment System

localhost/preschool/admin/

Admin | PreSchool

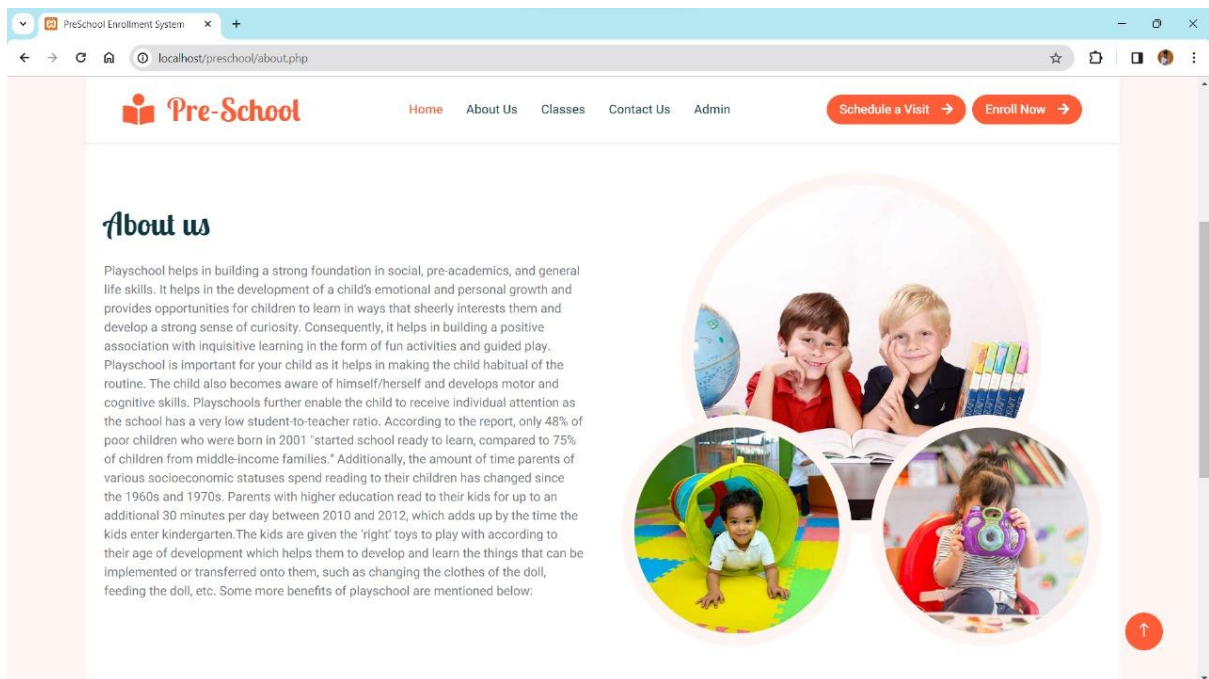
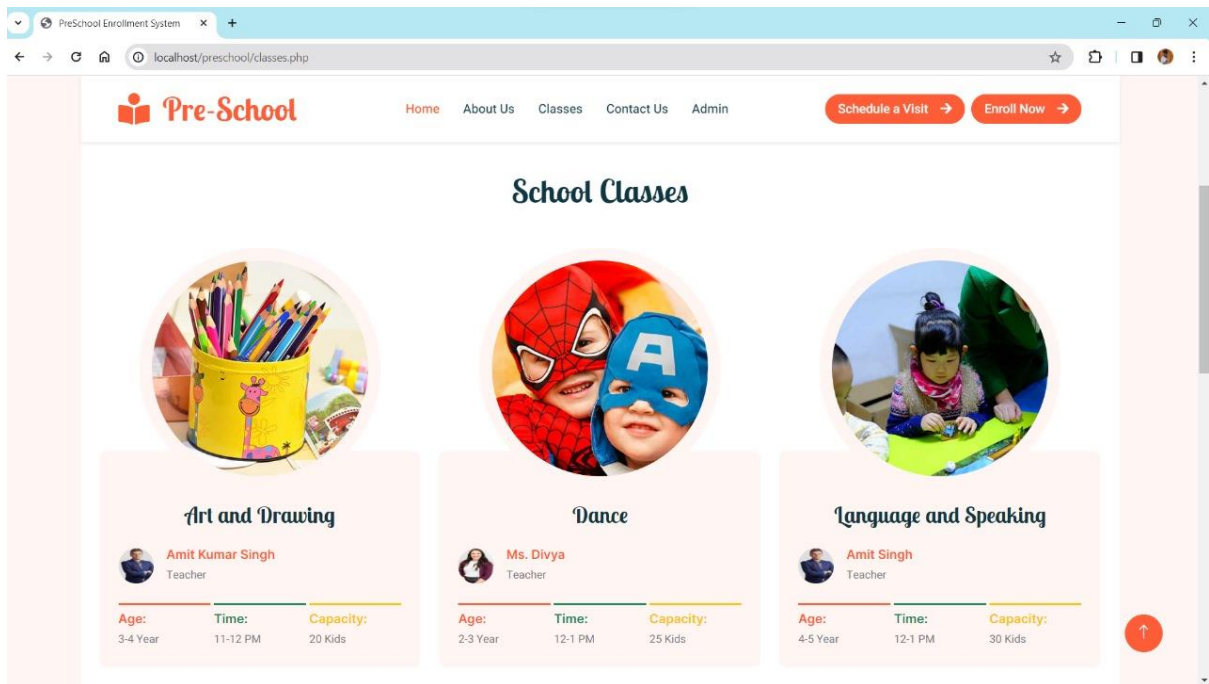
Sign in to start your session

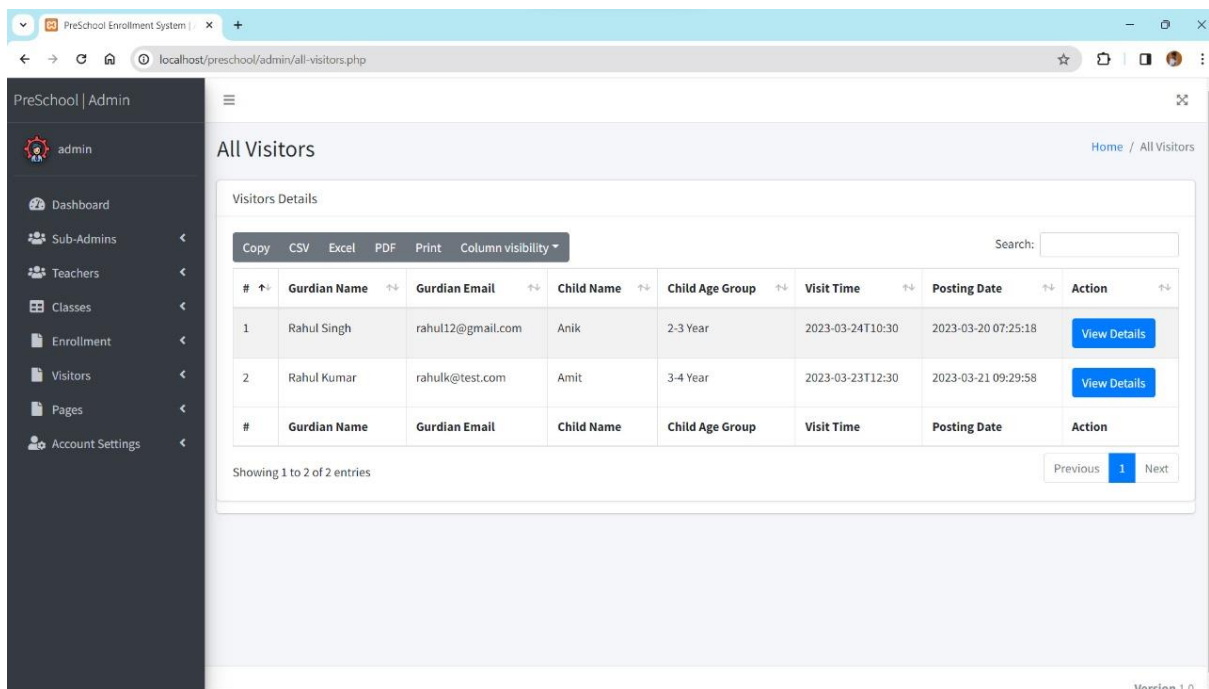
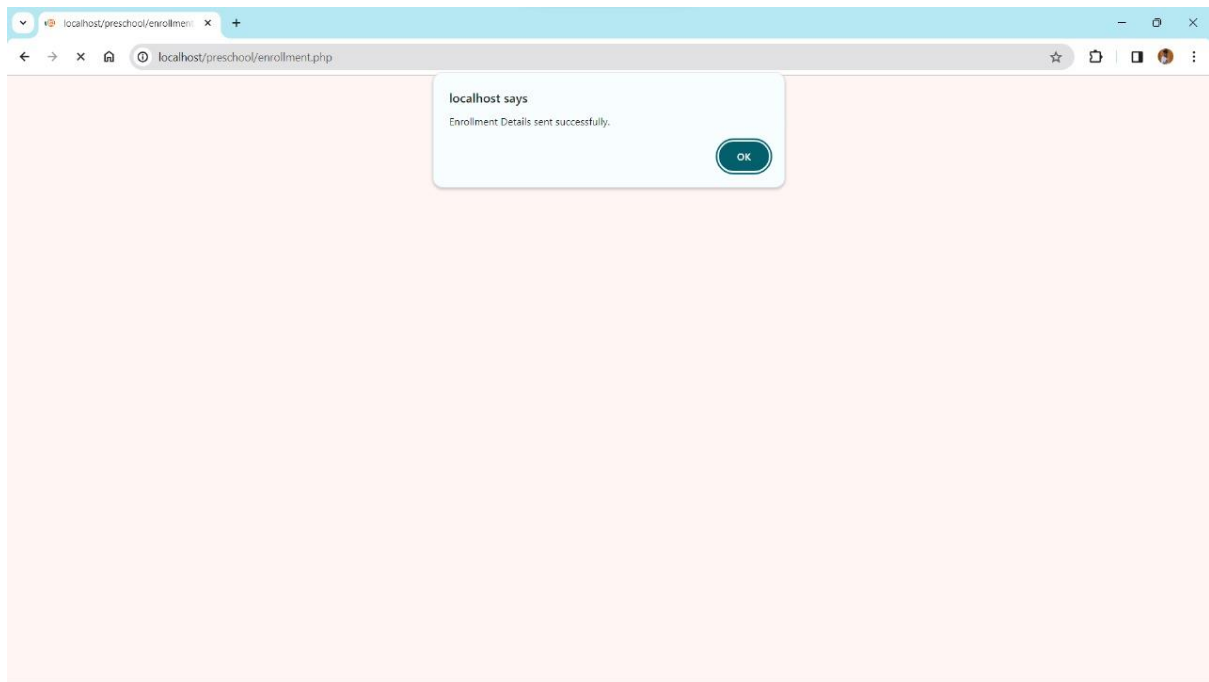
Username

Password

Sign in

[I forgot my password](#)





PreSchool Enrollment System | X

localhost/preschool/admin/new-enrollments.php

PreSchool | Admin

admin

Dashboard
Sub-Admins
Teachers
Classes
Enrollment
Visitors
Pages
Account Settings

New Enrollments

Home / New Enrollments

Enrollment Details

Copy CSV Excel PDF Print Column visibility

Search:

#	Enrollment No	Father Name/MotherName	Parent Mob/Email	Child Name	Child Age Group	Program Enroll For	Posting Date	Action
1	135918336	chinnusamy/prema	9842824622/hemanath@gmail.com	Arun	2-3 Year	Nursery-2.5 to 4 years	2024-03-11 18:36:16	View Details

Showing 1 to 1 of 1 entries

Previous 1 Next

Version 1.0

PreSchool Enrollment System | X

localhost/preschool/admin/rejected-enrollments.php

PreSchool | Admin

admin

Dashboard
Sub-Admins
Teachers
Classes
Enrollment
Visitors
Pages
Account Settings

Rejected Enrollments

Home / Rejected Enrollments

Enrollment Details

Copy CSV Excel PDF Print Column visibility

Search:

#	Enrollment No	Father Name/MotherName	Parent Mob/Email	Child Name	Child Age Group	Program Enroll For	Posting Date	Action
1	784123651	Ajay /Sunita	7852145220/sunot@test.com	Anvi	3-4 Year	Junior KG- 3.5 to 5 years	2023-03-21 07:39:33	View Details
2	7857665463	Sanjeev/Pallavi	452145623/abc@test.com	Rahul	2-3 Year	Nursery-2.5 to 4 years	2023-03-21 09:18:25	View Details
3	493477266	Sushil/Amita	5236520145/ahd@test.com	Tanvi	3-4 Year	Junior KG- 3.5 to 5 years	2023-03-21 09:19:55	View Details
4	411337226	chinnusamy/chinnuprema2@gmail.com	9842824622/hemanath@gmail.com	Arun	2-3 Year	Nursery-2.5 to 4 years	2024-03-11 18:30:14	View Details