







**PROJECT REPORT ON**

**“PC SCHOOL MANAGEMENT SYSTEM”**

**AT**

**“WATER WORLD PRE-SCHOOL”**

**SUBMITED TO  
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE**

**FOR THE AWARD OF**

**MASTER OF COMPUTER APPLICATION**

**(MCA-III, SEM.-VI)**

**BY**

**PARASH CHAND**

**UNDER THE GUIDANCE OF**

**PROF. YOGESH SHARMA**

**THROUGH THE DIRECTOR**

**SINHGAD INSTITUTE OF MANAGEMENT AND COMPUTER APPLICATION  
(SIMCA), NARHE, PUNE  
(AY. 2021-2022)**

## CERTIFICATE

This is certified to that, Mr. Parash Chand, MCA-III Year student from "Sinhgad Institute of Management and Computer Application" has successfully completed project on "PC School Management System" as a fulfilment of requirement towards 1st February of his MCA program.

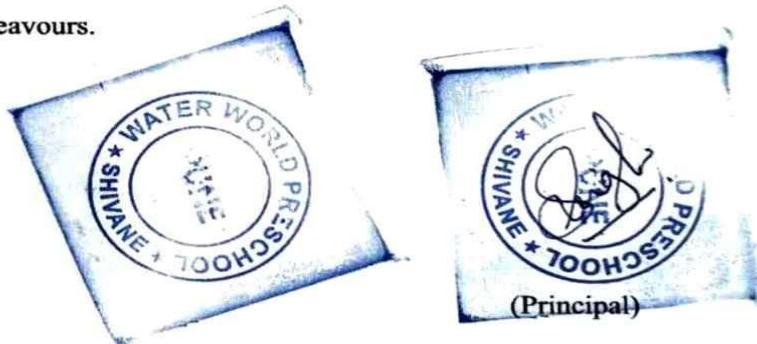
University Name - Savitribai Phule Pune University, Pune Duration- 1st February 2022 to 29th August 2022

Technology - HTML, CSS, ASP.Net and MS Access

This certificate is issued to him on specific request for education purpose and not valid for purpose of any legal or court matters.

We wish every success in his future endeavours.

DATE: 29-08-2022



Address : Water World Pre-School  
Behind More Petrolpump, Sandebhag, Shirane.  
Ph.no : 8600945937



**SINHGAD TECHNICAL EDUCATION SOCIETY'S  
SINHGAD INSTITUTE OF  
MANAGEMENT & COMPUTER APPLICATION**  
(Affiliated to Savitribai Phule Pune University & Approved by AICTE)  
**'NAAC' Accredited with 'A' Grade**



S. No. 49/1, Off Westernly Bypass, Pune – Mumbai Expressway, Narhe, Pune – 411041, Tel : (020) 66831896 / 66831908 / 66831907

E-mail : [director\\_mca\\_simca@sinhgad.edu](mailto:director_mca_simca@sinhgad.edu) Website : [www.sinhgad.edu](http://www.sinhgad.edu)

**Prof. M. N. Navale**  
M.E. (Elec), MIE, MBA  
FOUNDER PRESIDENT

**Dr. (Mrs.) Sunanda M. Navale**  
B.A., P.P.M., Ph.D.  
FOUNDER SECRETARY

**Dr. Vilas Nandavadekar**  
M.C.A., M.P.M., M.B.A., Ph. D.  
DIRECTOR, SIMCA - MCA

## CERTIFICATE

This is to certify that, the project entitled "**PC School Management System**", being submitted for the award of the degree of **Master of Computer Application** by her/him to **Sinhgad Institute of Management and Computer Application affiliated to Savitribai Phule Pune University, Pune** is the result of the original work completed by **Parash Chand** under the guidance of **Prof. Yogesh Sharma**.

To the best of our knowledge and belief, this work has not been previously submitted by the award of any degree or diploma of Savitribai Phule Pune University or any other University.

PLACE:

DATE:

**Prof. Yogesh Sharma**  
Internal Guide

**Dr. Rajesh Gawali**  
Project Co-Ordinator

**Dr. Vilas Nandavadekar**  
Director SIMCA

**External Examiner**

## **DECLARATION**

I, the undersigned hereby declare that the project titled “PC School Management System”, being submitted for the award of degree of **Master of Computer Application** by me to **Shinhgad Institute of Management and Computer Application(SIMCA) affiliated to Savitribai Phule Pune University** is the result of an independent work carried out under the guidance of **Prof. Yogesh Sharma**, is my original work . Further I declare that this project has not been submitted to this or any Institution for the award of any degree.

PLACE: PUNE

**Parash Chand**

DATE:

(Student)

## **ACKNOWLEDGEMENT**

The project developed for the MCA was not possible without the persons and organizations that helped me in completing this. I am deeply grateful to all whose enthusiasm and energy transformed my vision of this study into reality.

I extend my sincere thanks to **Mr. Parash Chand** from **Water World Pre-School** for making it easy to work in the organization and providing me needed guidance throughout the project keeping it focused and on the track. I am really thankful to him for the extended knowledge imparted to me during the course of project development.

I take this opportunity to thank my guide **Prof. Yogesh Sharma**, project coordinator **Dr. Rajesh Gawali** and our Director **Dr. Vilas Nandawadaker**, for encouragement and guidance throughout the progress of this report.

**Parash Chand**

# Index

<b>Chapter No.</b>		<b>Details</b>	<b>Page No.</b>
<b>1</b>		<b>Introduction</b>	1
	1.1	Company Profile / Institute Profile / Client Profile	1
	1.2	Abstract	1-2
	1.3	Existing System and Need for System	2
	1.4	Scope of System	3
	1.5	Operating Environment - Hardware and Software	3
	1.6	Brief Description of Technology Use	4-5
<b>2</b>		<b>Proposed System</b>	6
	2.1	Feasibility Study	6
	2.2	Objectives of Proposed System	7-8
	2.3	Users of System	9
<b>3</b>		<b>Analysis and Design</b>	10
	3.1	System Requirements (Functional and Non-Functional requirements)	10-16
	3.2	Entity Relationship Diagram (ERD)	17
	3.3	Table Structure	18-28
	3.4	Use Case Diagrams	29
	3.5	Class Diagram	30
	3.6	Activity Diagram	31
	3.7	Deployment Diagram	32

	3.8	Module Hierarchy Diagram	32
	3.9	Sample Input and Output Screens	33-52
<b>4</b>		<b>Coding</b>	53
	4.1	Code snippets	53
<b>5</b>		<b>Testing</b>	54
	5.1	Testing Objectives	54
	5.2	Testing Procedures	55
	5.3	Test Plan	55-57
	5.4	Implementation	57-59
<b>6</b>		<b>Limitations of Proposed System</b>	60
<b>7</b>		<b>Proposed Enhancements</b>	61
<b>8</b>		<b>Conclusion</b>	62
<b>9</b>		<b>Bibliography</b>	63
<b>10</b>		<b>User Manual</b>	64-78

## **1 Introduction**

It provides flexibility to the user to transfer the data through the system very easily by compressing the number of files like using MS Access software we can export the database into excel files.

### **1.2 Abstract**

This work automates PC School Management System application. I tried to use different software for this application. Using this software approaches I have completed this application.

The PC School Management System is a application based system which will use as a platform for interaction between principle, student, staff and parents. While the main objective of this project is to computerize the paperwork in the system and automate the work. The computerization is done so that the storage of all the details regarding students and teachers will be stored in the system which makes system centralized and the chance of duplication of any data is minimized. While by doing automation to the system will reduce the time for storing any data in the system.

### **1.3 Existing System and Need for System**

In the present School Management System, it is uneasy to store the information related to students, faculty and parents on the paper. As there is too many information when someone tries to access any of stored information it becomes a difficult and time-consuming task. While these days parents and faculty have more work than just take care of students it is difficult for both parents and faculty to monitor them. Whereas the storing and retrieving an information is a difficult task, it also requires much amount of unnecessary worker to do the task.

Existing System of school is completely manual. In this system admin can do all process right from student admission, fees.

Problem with Existing System:

- Lack of security of school information.
- Require more physical work and man power.
- Time consuming for manual entry and editing data.
- Consumes large volume of paper work.
- Needs manual calculations of attendance sheet, marks of students, payment.
- Damage of entry book school information loss and no backup of information.
- Also maintained of student records is difficult for teachers.
- Manually manage teacher's details and payment.

Need for System

PC School Management System application helps to overcome paper work in school. This Application is very easy to use. It can work accurately and very smoothly in different scenario. It reduces effort work load and increase efficiency in work. In aspects of time value it is worthy.

In this Application teacher can manage student's report card, update their marks, managing online leave application, students and teacher's registration. Administrative Staff can add or remove teacher and student from database via this application.

## **1.4 Scope of System**

I want to build a window application for school teachers, principal, students, admin which will be very easy to use for their work purpose. Work with common application which is very familiar with us. Security will be simple but if it is need to be build a high security then it will be built later. I want to focus on the application itself and the features of that application that help build a good management system.

## **1.5 Operating Environment - Hardware and Software**

### **Hardware and Software Requirement:**

#### **Hardware Requirement:**

1. Operating System supports all known operating systems, such as Windows 7 or higher.
2. Computer 4GB RAM, monitor with minimum resolution of 1024x768.
3. Hard Drive should be in NTFS file-system formatted with minimum 10 GB of free space.
4. A Laser printer will need to be used to print these reports and notes.

#### **Software Requirement:**

1. Software is designed to run on window platform above Microsoft Windows 7 or higher.
2. Microsoft .NET Frameworks 4 or above.
3. Microsoft Visual Studio 2010 and Microsoft Access.

## **1.6 Brief Description of Technology Used**

ASP.NET is a sophisticated and powerful web development framework. Development with ASP.NET requires not only an understanding of HTML and web design, but a firm grasp of the concepts of object oriented programming and development. ASP.NET is a server-side technology for developing web applications based on the Microsoft .NET Framework.

ASP.NET is a server-side technology. That is, it runs on the web server. Most web designers cut their teeth learning client-side technologies such as HTML, JavaScript, and Cascading Style Sheets (CSS). When a web browser requests a web page created with only client-side technologies, the web server simply grabs the files that the browser (or client) requests and sends them down the line.

## **VB.NET**

VB.NET is an object-oriented computer programming language implemented on the .NET Framework. Although it is an evolution of classic Visual Basic language, it is not backwards-compatible with VB 6 and any code written in the old version does not compile under VB.NET. As a language, Visual Basic.NET has the following traits:

### **Event-Driven:-**

All previous versions of Visual Basic were event-driven, but this feature is heavily enhanced under the .NET framework. Events are no longer recognized because they use a certain naming convention (ObjectName\_EventName), but now are declared with a Handles ObjectName\_EventName clause. Event handlers can also be declared at runtime using the AddHandler command.

## **.NET Framework:-**

As the name implies, VB.NET runs on top of Microsoft's .NET framework, meaning the language has full access to all of the supporting classes in the framework. It's also possible to run VB.NET programs

on top of Mono, the open-source alternative to .NET, not only under Windows, but even Linux or Mac OSX.

### **1.6.1 Operating systems used (Windows or Unix)**

I use Windows OS to develop PC School Management System application. It is easy to use and understand by anyone and easy to learn.

### **1.6.2 RDBMS/No Sql used to build database (MySQL/ oracle, Teradata, etc.)**

## **MS ACCESS**

Microsoft access shares part of the look of Microsoft office applications. On top of the application, you see a long bar. On its left is the system icon with the usual key symbol. On the right side of the title bar, you see the windows system buttons that allow you to minimize, maximize, restore, or close the application. Under the title bar is the menu bar with words like file, edit, view, etc.

Microsoft access allows you to create a database from one of two processes: from scratch or by using one of the templates. However you start, you can add objects or fields almost as if you were switching from one technique to another.

## **2 Proposed System**

The PC School Management System will manage all the work in any school in particular order so that the time requirement and complexity of the system will be reduced, at first it will focus on student related information. As a student gets the admission in the school system will start managing the details regarding the students. It will manage the fee details, and if the full payment has not done, then it will notify about the fee to a staff of the school. School Management System will then display the date of the test and when the test completes it will display the results of the students. While the parents can use it to monitor their children's performance, also they can contact with the teachers.

### **2.2 Feasibility Study**

#### **FEASIBILITY STUDY:**

The objective of feasibility study is to determine whether or not their proposed system is feasible. The feasibility is determined in terms of four aspects. These are:-

##### **1. Technical Feasibility:**

In this test whether the system can be developed using existing technology or not. We have used Visual Studio as front-end and MS ACCESS as backend. It is necessary of hardware and software is available for development and implementation of proposed system. We acquired the technical knowledge of working in Visual Studio language and then only we have started designing our project.

##### **2. Behavioral Feasibility:**

The school is already using software managing their information and since it is acceptable by both school admin as well as student to be operationally feasible.

### 3. Economic feasibility:

As a part of this the costs and benefits associated with the proposed system are compared and the project is economically feasible only if tangible and intangible benefits of cost. The cost for proposed PC School Management System is cost and efforts involved in maintaining the register and generate of various report. The system also reduces the admin to do various jobs that single software can do. So this system is economically feasible.

### 4. Legal Feasibility:

Legal feasibility determines whether the proposed system conflicts with legal requirements. E.g. The Data Protection Act. It will be done by some legal advisors.

## **2.3 Objectives of Proposed System**

### **Proposed system:**

The objective of the automated PC School Management System is to simplify the day to day processes of the system. The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work. It provides flexibility to the user to transfer the data through system very easily by compressing the amount of file.

## **Objective of proposed system:**

The system is very simple in design and to implement. The system requires very low system resources and the system will work in almost all configurations. It has got following features:-

- Less paper work and man power.
- Safeguard to ensure data accuracy.
- Minimize manual data entry and record keeping.
- Minimum time needed for the various processing.
- Better service for maintaining of data.
- 24/7 anytime and anywhere access to the system.

## **2.4 Users of System**

1. Admin : Admin manages the entire system of school
2. Director : Director is chairman of school.
3. Principal : Principal is head of school.
4. Candidate : Who can apply for teacher job.
5. Teacher : Teacher teach student. There are three types of teacher designation:
  1. PRT
  2. TGT
  3. PGT
6. Non Teaching Staff : Staff who maintain whole school.
7. Child : Who can fill admission form for study.
8. Student : To gain some knowledge from teacher.

### **3 Analysis and Design**

#### 3.1 System Requirements (Functional and Non-Functional requirements)

##### **Functional Requirements:**

Functional requirements define the fundamental actions that the system must perform. The functional requirements for the system are divided into main admin, director, principal, head master, teacher, staff, parent, and student.

##### **1. Admin:**

1.1 Admin can manage vacancy for staff.

1.2 Admin can update about admission open (i.e. class admission) detail.

1.3 Admin will manage fee detail, subject timetable.

1.4 Admin calculates staff salary (i.e. teacher and non-teaching staff).

1.5 Admin can add student detail and assign class with division.

1.6 Admin allocate subject to staff (i.e. Teacher).

**2. Staff:**

**2.1. Director:**

2.1.1 If director forgot his password then he/she will be change password.

2.1.2 Director can view expenses report.

2.1.3 Director can check pending and fee paid report of student.

2.1.4 Director can view feedback (i.e. school feedback).

2.1.5 Director can select candidate (i.e. Teacher).

**2.2. Principal:**

2.2.1 If principal forgot his password then he/she will be change password.

2.2.2 Principal can view the student defaulter list.

2.2.3 Principal can view feedback (i.e. teaching).

2.2.4 Principal can check fee pending of student.

2.2.5 Principal can select candidate (i.e. teacher).

**2.3. Teacher:**

2.3.1 Teachers can manage their records.

2.3.2 If teacher forgot his password then he/she will be change password.

2.3.3 Teachers can mark attendance and it will help to admin calculate teacher salary.

2.3.4 Only class teacher takes attendance of students.

2.3.5 Teacher can manage school activity.

2.3.6 Teacher creates test paper and generates student's report cards.

2.3.7 Teachers can view salary slips.

2.3.8 Teacher can view his workload report.

## **2.4. Non-Teaching Staff**

2.4.1 Non-teaching staff can mark attendance and it will help to admin calculate staff salary.

2.4.2 If Non-teaching staff forgot his password then he/she will be change password.

2.4.3 Non-teaching staff can view salary slips.

## **3. Candidate**

3.1 Candidate can check vacancy for teacher.

3.2 Candidate's fill form and also upload her resume for selection in school.

3.3 Check detail for selection whether he/she will selected or not.

## **4. Child**

4.1 If they want to take admission in school. So, first check admission is open or not, if available fill admission form.

4.2 At time of filling admission form submit previous class result. E.g.: student can take admission in class 5 enter previous class result i.e. class 4 either pass or fail.

4.3 After completing admission form make payment through various modes like cash.

**5. Students:**

5.1 If student forgot his password then he/she will be change password.

5.2 Make fee payment through various modes like cash.

5.3 The students can view the details by the teacher like exam date, results, subject timetable.

5.4 Those students who are interested in school activity they can fill registration form.

5.5 Student can view his own attendance percentage.

5.6 The student submits feedback about teaching and school.

## **Nonfunctional Requirements:**

Functional requirements define the needs in terms of performance, logical database requirements, design constraints, standards compliance, reliability, availability, security, maintainability, and portability.

### 1.1 Performance Requirements

Performance requirements define acceptable response times for system non functionality.

- The load time for user interface screens shall be display.
- The log in information shall be verified within seconds.
- For any Queries shall return results within seconds.

### 1.2 Reliability

Specify the factors required to establish the required reliability of the software system at time of delivery.

### 1.3 Availability

The system shall be available during 24/7 PC School Management System operating hours.

### 1.4 Security

The Service Representatives and admin will be able to log in to PC School Management System. Admin will have access to the management subsystem as well as the staff payment. Access to the various subsystems will be protected by a user login screen that requires a user name and password.

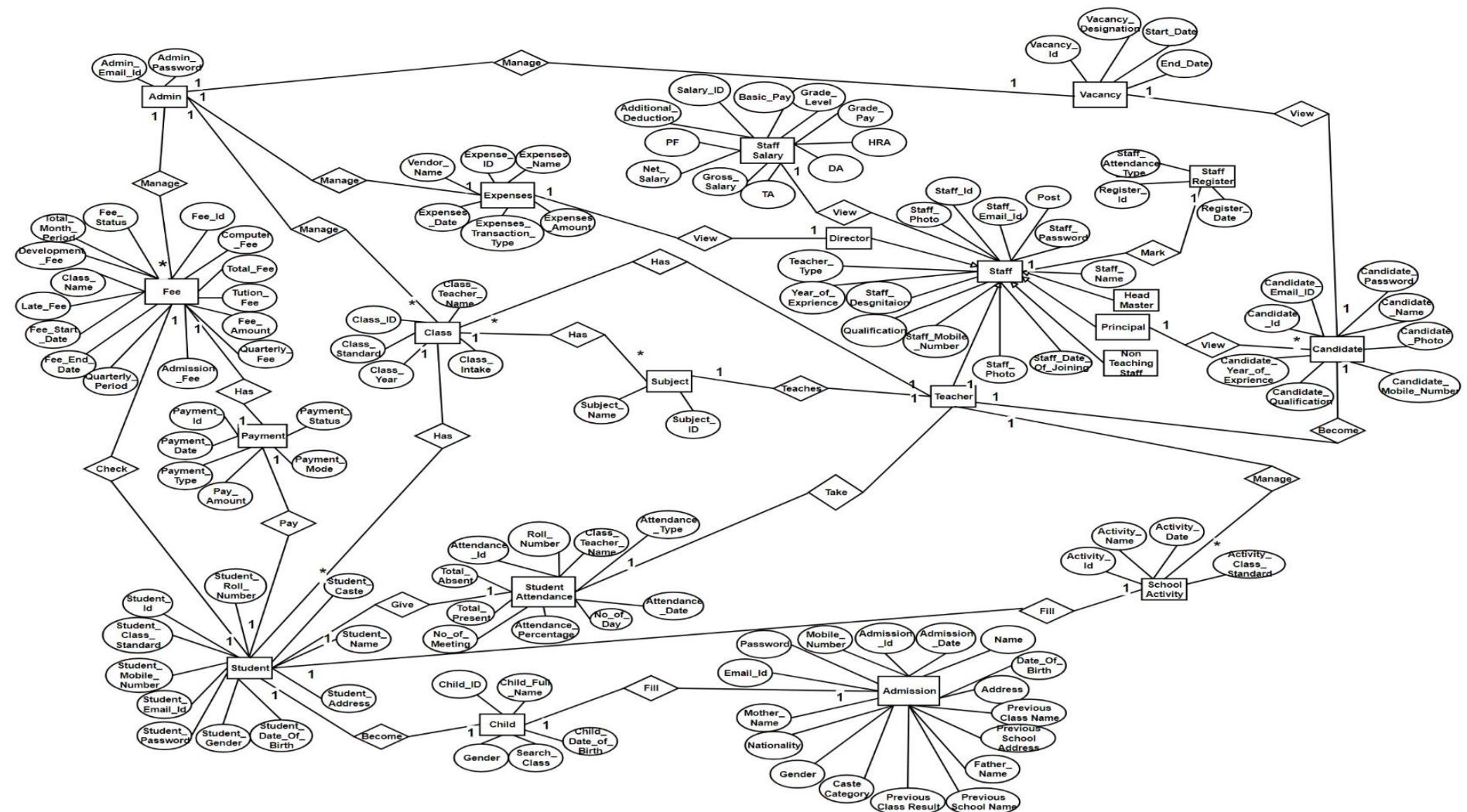
## 1.5 Maintainability

The PC School Management System is being developed in VB.NET. VB.NET is an object-oriented programming language and shall be easy to maintain.

## 1.6 Portability

The PC School Management System shall run in any Microsoft Windows environment that contains network framework 3.5 and the Microsoft Access database.

### 3.2 Entity Relationship Diagram (ERD)



### 3.3 Table Structure

#### **Table Design**

##### **Admin**

Field Name	Data Type	Width	Constraint	Description
Admin_Email_ID	Text	30	Primary Key	Uniquely Identify user on a system.
Admin_Password	Text	18		Authenticate a user on a system.

##### **Expense**

Field Name	Data Type	Width	Constraint	Description
Expense_ID	Number	5	Primary Key	Expense id is a unique identify.
Vendor_Name	Text	30		Identify user on a system.
Expense_Name	Text	20		Identify user on a system.
Expense_Date	Date/Time	-		Display Date of expense.
Expense_Transaction_Type	Text	10		Display which way of transaction type: cash,online.
Expense_Amount	Number	10		Display Individual expense amount.

##### **Vacancy**

Field Name	Data Type	Width	Constraint	Description
Vacancy_ID	Number	5	Primary Key	Vacancy ID is a unique identify.
Vacancy_Designation	Text	18		Display vacancy designation.
Start_Date	Date/Time	-		Display start date.
End_Date	Date/Time	-		Display end date.

## Candidate

Field Name	Data Type	Width	Constraint	Description
Candidate_ID	Number	5	Primary Key	Upload ID is a unique identify.
Candidate_Email_ID	Text	30		Display email id of candidate.
Candidate_Password	Text	18		Authenticate a user on a system.
Candidate_Name	Text	30		Identify user on a system.
Candidate_Year_of_Exprience	Number	2		Display year of experience.
Candidate_Qualification	Text	10		Display Qualification.
Candidate_Mobile_Number	Number	10		Display 10 digit mobile number.
Candidate_Photo	Text	20		Display photo.
Candidate_Resume	Text	20		Display resume.
Vacancy_ID	Number	5	Foreign Key	Vacancy ID is a unique identify.

## School Activity

Field Name	Data Type	Width	Constraint	Description
Activity_ID	Number	5	Primary Key	Activity ID is a unique identify.
Activity_Name	Text	10		Identify user on a system.
Activity_Date	Date/Time	-		Date of activity.
Activity_Class_Standard	Text	4		Display class standard.

## Class

Field Name	Data Type	Width	Constraint	Description
Class_ID	Number	5	Primary Key	Class ID is a unique identify.
Class_Year	Number	4		Display class year.
Class_Standard	Text	4		Display class standard.
Student_Intake	Number	4		Display student intake.

### **Subject**

Field Name	Data Type	Width	Constraint	Description
Subject_ID	Number	5	Primary Key	Subject ID is a unique identify.
Subject_Name	Text	20		Display subject name.
Class_ID	Number	5	Foreign Key	Class ID is a unique identify.
Teacher_ID	Number	5	Foreign Key	Teacher ID is a unique identify.

### **Staff**

Field Name	Data Type	Width	Constraint	Description
Staff_ID	Number	5	Primary Key	Staff ID is a unique identify.
Staff_Email_ID	Text	30		Display email id of staff.
Staff_Password	Text	18		Authenticate a user on a system.
Staff_Name	Text	30		Identify user on a system.
Post	Text	20		Display staff post.
Staff_Designation	Text	50		Display staff working name.
Teacher_Type	Text	20		Display teacher type.
Staff_Date_of_Joining	Date/Time	-		Joining date of staff.
Staff_Mobile_Number	Number	10		Display 10 digit mobile number.
Staff_Photo	Text	20		Display staff photo on a system.

### **Staff Salary**

Name	Data Type	Width	Constraint	Description
Salary_ID	Number	5	Primary Key	Salary id is a unique identify.
Salary_Date	Date/Time	-		Display salary date.
Basic_Pay	Number	10		Display basic pay Amount.
Grade_Level	Text	10		Display grade level amount.
Grade_Pay	Number	10		Display grade pay amount.
HRA	Number	10		Display HRA amount.
DA	Number	10		Display DA amount.
TA	Number	10		Display TA amount.
Gross_Salary	Number	10		Display gross salary amount.
PF	Number	10		Display PF amount.
Additional_Deduction	Number	10		Display additional deduction.
Net_Salary	Number	10		Display net salary amount.
Staff_ID	Number	5	Foreign Key	Staff ID is a unique identify.

## Register

Field Name	Data Type	Width	Constraint	Description
Register_ID	Number	5	Primary Key	Staff Register ID is a unique identify.
Attendance_Type	Text	8		Display present and absent status.
Register_Date	Date/Time	-		Staff total count of no of days.
Staff_ID	Number	5	Foreign Key	Staff ID is a unique identify.

## Fee

Field Name	Data Type	Width	Constraint	Description
Fee_ID	Number	5	Primary Key	Fee ID is a unique identify.
Class_Name	Text	5		Identify user on a system.
Admission_Fee	Number	5		Display admission fee type.
Re_Admission_Fee	Number	5		Display re admission fee type.
Tuition_Fee	Number	5		Display tuition fee.
Computer_Fee	Number	5		Display Computer fund.
Development_Fee	Number	5		Display Computer fund.
Late_Fee	Number	5		Display late fee.
Fee_Start_Date	Date/Time	-		Display start date.
Fee_End_Date	Date/Time	-		Display end date.
Quarterly_Period	Number	5		Display quarterly period.
Quarterly_Fee	Number	5		Display quarterly fee.
Fee_Amount	Number	5		Display fee amount.
Total_Fee	Number	5		Display total fee.
Total_Month_Period	Number	5		Display total month period.
Fee_Status	Text	10		Display fee status.
Student_ID	Number	5	Foreign Key	Student ID is a unique identify.

## Payment

Field Name	Data Type	Width	Constraint	Description
Payment_ID	Number	5	Primary Key	Payment ID is a unique identify.
Payment_Date	Date/Time	-		Display payment date.
Payment_Mode	Text	15		Display payment mode.
Payment_Type	Text	15		Display payment type.
Pay_Amount	Number	10		Display pay amount.
Payment_Status	Text	10		Display payment status.
Student_ID	Number	5	Foreign Key	Student ID is a unique identify.
Fee_ID	Number	5	Foreign Key	Fee ID is a unique identify.

## Test Result

Field Name	Data Type	Width	Constraint	Description
Test_ID	Number	5	Primary Key	Test Id is a unique identify.
Test_Name	Text	20		Display test name.
Test_Subject_Name	Text	20		Display test subject name.
Marks	Number	2		Display marks.
Total_Marks	Number	3		Display total marks.
Test_Date	Date/Time	-		Display test date.
Test_Result_Date	Date/Time	-		Display test result date.
Subject_ID	Number	5	Foreign Key	Subject ID is a unique identify.
Teacher_ID	Number	5	Foreign Key	Teacher ID is a unique identify.
Student_ID	Number	5	Foreign Key	Student ID is a unique identify.

## Student Attendance

Name	Data Type	Width	Constraint	Description
Attendance_ID	Number	5	Primary Key	Attendance id is a unique identify.
Student_Attendance_Type	Text	10		Display student attendance type.
Attendance_Date	Date/Time	-		Display attendance date.
Student_ID	Number	5	Foreign Key	Student ID is a unique identify.

## Student

Field Name	Data Type	Width	Constraint	Description
Student_ID	Number	5	Primary Key	Student Id is a unique identify.
Student_Roll_Number	Number	5		Display student roll number.
Student_Email_ID	Text	30		Display email id of student.
Student_Password	Text	18		Authenticate a user on a system.
Student_Name	Text	30		Identify user on a system.
Student_Address	Text	200		Display address of student.
Student_Caste	Text	10		Display caste of student.
Student_Gender	Text	10		Display male ,female and other of gender.
Student_Date_of_Birth	Date/Time	-		Display date of birth of student.
Student_Mobile_Number	Number	10		Display 10 digit mobile number.
Student_Class_Standard	Text	5		Display class standard.
Student_Father_Name	Text	30		Display father name.
Student_Mother_Name	Text	30		Display mother name.
Student_Photo	Number	20		Display student photo.
Admission_ID	Number	5	Foreign Key	Admission Id is a unique identify.
Class_ID	Number	5	Foreign Key	Class ID is a unique identify.

## Admission

Field Name	Data Type	Width	Constraint	Description
Admission_ID	Number	5	Primary Key	Admission Id is a unique identify.
Email_ID	Text	30		Display email id.
Password	Text	18		Authenticate a user on a system.
Admission_Year	Number	4		Display admission year.
Admission_Date	Date/Time	-		Display admission date.
Admission_Class	Text	4		Display admission class.
Previous_Class_Name	Text	20		Display previous class name.
Previous_Class_Result	Text	5		Display previous class result.
Previous_School_Name	Text	50		Display previous school name.
Previous_School_Address	Text	200		Display previous school address.
Full_Name	Text	30		Display full name.
Date_of_Birth	Date/Time	-		Display date of birth.
Address	Text	200		Display address.
Gender	Text	6		Display male, female and other.
Mobile_Number	Number	10		Display 10 digit mobile number.
Caste_Category	Text	10		Display caste category.
Nationality	Text	10		Display nationality.
Father_Name	Text	30		Display father name.
Mother_Name	Text	30		Display mother name.
Father_Occupation	Text	20		Display father occupation.
Mother_Occupation	Text	20		Display mother occupation.
Photo	Text	50		Display photo.
Admission_Status	Text	10		Display admission status successful or not.

## Data Dictionary:

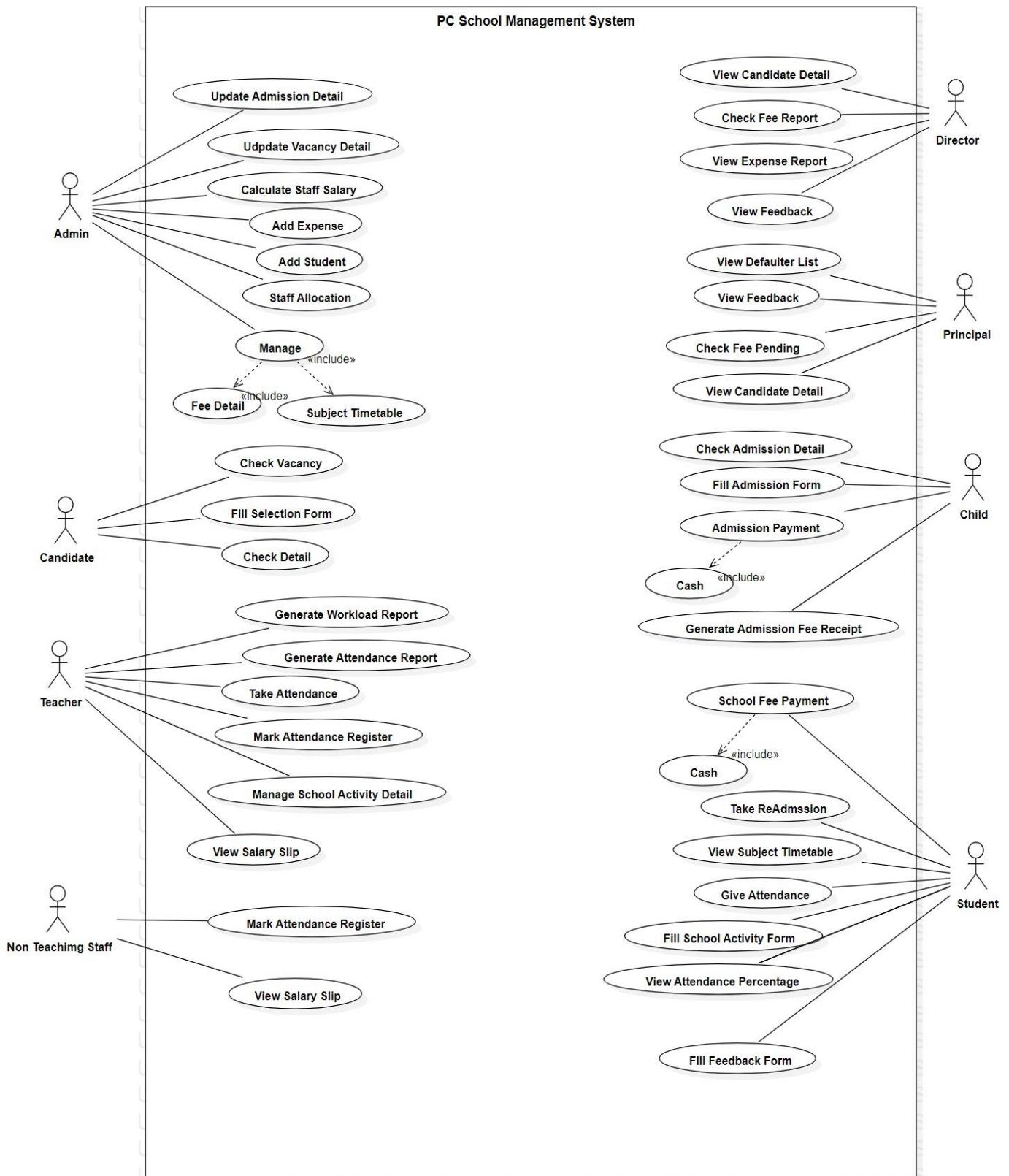
Sr. No.	Field Name	Type	Size	Constraint
1.	Activity_Class_Standard	Text	4	
2.	Activity_Date	Date/Time	-	
3.	Activity_ID	Number	5	Primary Key
4.	Activity_Name	Text	10	
5.	Additional_Deduction	Number	10	
6.	Admin_Password	Text	18	
7.	Admin_Email_ID	Text	30	Primary Key
8.	Admission_ID	Number	5	Foreign Key
9.	Admission_Fee	Number	5	
10.	Attendance_Date	Date/Time	-	
11.	Attendance_ID	Number	5	Primary Key
12.	Attendance_Type	Text	8	
13.	Basic_Pay	Number	10	
14.	Candidate_Mobile_Number	Number	10	
15.	Candidate_Email_ID	Text	30	
16.	Candidate_ID	Number	5	Primary Key
17.	Candidate_Name	Text	30	
18.	Candidate_Password	Text	18	
19.	Candidate_Photo	Text	20	
20.	Candidate_Qualification	Text	10	
21.	Candidate_Resume	Text	20	
22.	Candidate_Year_of_Exprience	Number	2	
23.	Class_ID	Number	5	Primary Key
24.	Class_Name	Text	5	
25.	Class_Standard	Text	4	
26.	Class_Year	Number	4	
27.	Computer_Fee	Number	5	
28.	DA	Number 25	10	
29.	Development_Fee	Number	5	
30.	End_Date	Date/Time	-	

31.	Expense_Amount	Number	10	
32.	Expense_Date	Date/Time	-	
33.	Expense_ID	Number	5	Primary Key
34.	Expense_Name	Text	20	
35.	Expense_Transaction_Type	Text	10	
36.	Fee_Amount	Number	5	
37.	Fee_End_Date	Date/Time	-	
38.	Fee_ID	Number	5	Primary Key
39.	Fee_Start_Date	Date/Time	-	
40.	Fee_Status	Text	10	
41.	Grade_Level	Text	10	
42.	Grade_Pay	Number	10	
43.	Gross_Salary	Number	10	
44.	HRA	Number	10	
45.	Late_Fee	Number	5	
46.	Marks	Number	2	
47.	Net_Salary	Number	10	
48.	Pay_Amount	Number	10	
49.	Payment_Date	Date/Time	-	
50.	Payment_Mode	Text	15	
51.	Payment_Type	Text	15	
52.	Payment_Status	Text	10	
53.	Payment_ID	Number	5	Primary Key
54.	PF	Number	10	
55.	Post	Text	20	
56.	Quarterly_Fee	Number	5	
57.	Quarterly_Period	Number	5	
58.	Re_Admission_Fee	Number	5	
59.	Register_Date	Date/Time	-	
60.	Register_ID	Number	5	Primary Key
61.	Salary_Date	Date/Time	-	

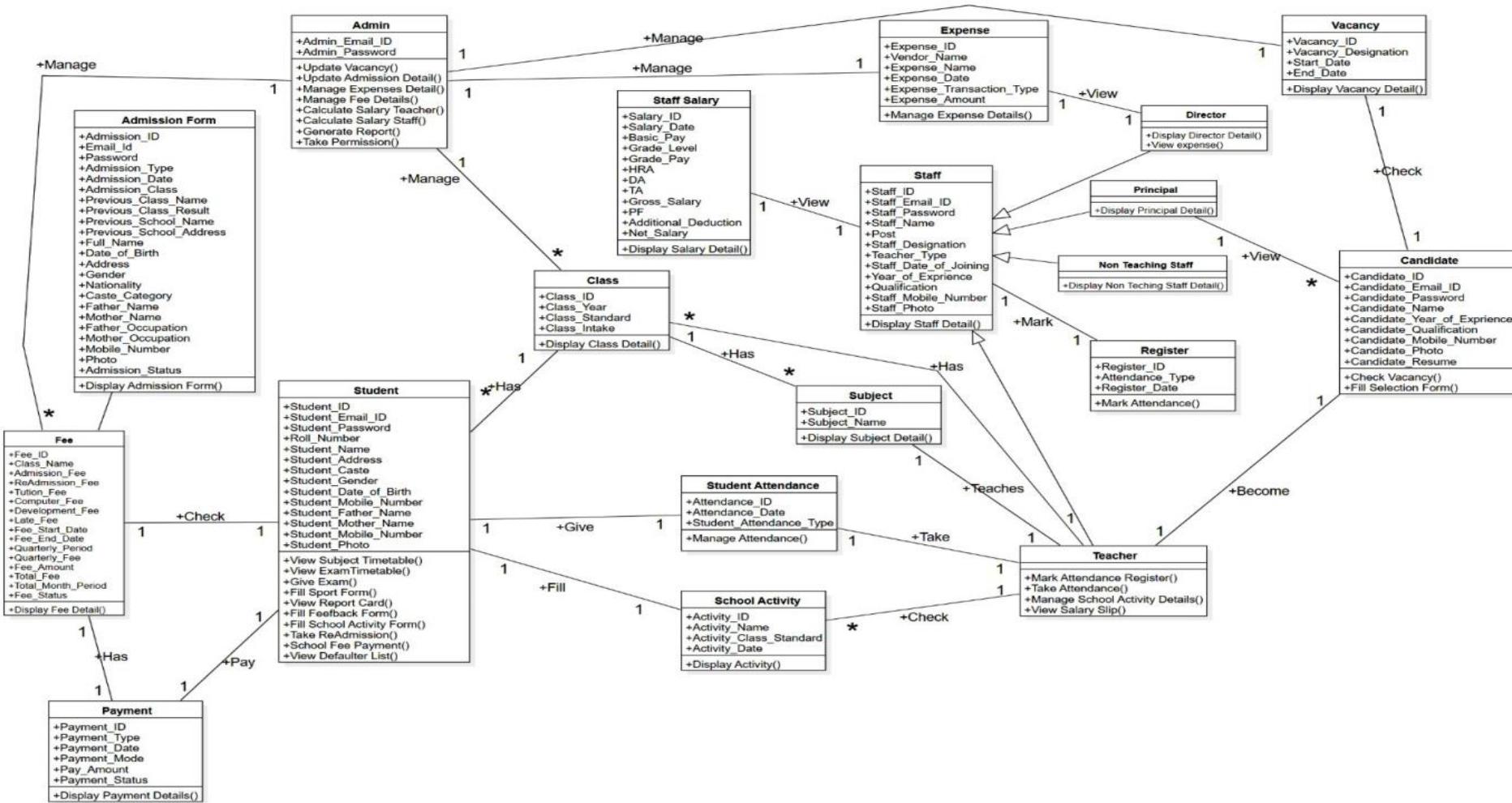
62.	Salary_ID	Number	5	Primary Key
63.	Staff_Date_of_Joining	Date/Time	-	
64.	Staff_Designation	Text	50	
65.	Staff_Email_ID	Text	30	
66.	Staff_ID	Number	5	Primary Key
67.	Staff_Mobile_Number	Number	10	
68.	Staff_Name	Text	30	
69.	Staff_Password	Text	18	
70.	Staff_Photo	Text	20	
71.	Start_Date	Date/Time	-	
72.	Student _Password	Text	18	
73.	Student _Gender	Text	10	
74.	Student _Mobile _Number	Number	10	
75.	Student _Photo	Number	20	
76.	Student_Mother _Name	Text	30	
77.	Student_ Attendance_Type	Text	10	
78.	Student_ Address	Text	200	
79.	Student_Caste	Text	10	
80.	Student_Class _Standard	Text	5	
81.	Student_Date _of_Birth	Date/Time	-	
82.	Student_Email _ID	Text	30	
83.	Student_Father _Name	Text	30	
84.	Student_ID	Number	5	Foreign Key
85.	Student_ID	Number	5	Foreign Key
86.	Student_Intake	Number	4	
87.	Student_Name	Text	30	
88.	Student_Roll _Number	Number	5	
89.	Subject_ID	Number	5	Primary Key

90.	Subject_Name	Text	20	
91.	TA	Number	10	
92.	Teacher_ID	Number	5	Foreign Key
93.	Teacher_Type	Text	20	
94.	Total_Fee	Number	5	
95.	Total_Month_Period	Number	5	
96.	Tuition_Fee	Number	5	
97.	Vacancy_Designation	Text	18	
98.	Vacancy_ID	Number	5	Primary Key
99.	Vendor_Name	Text	30	

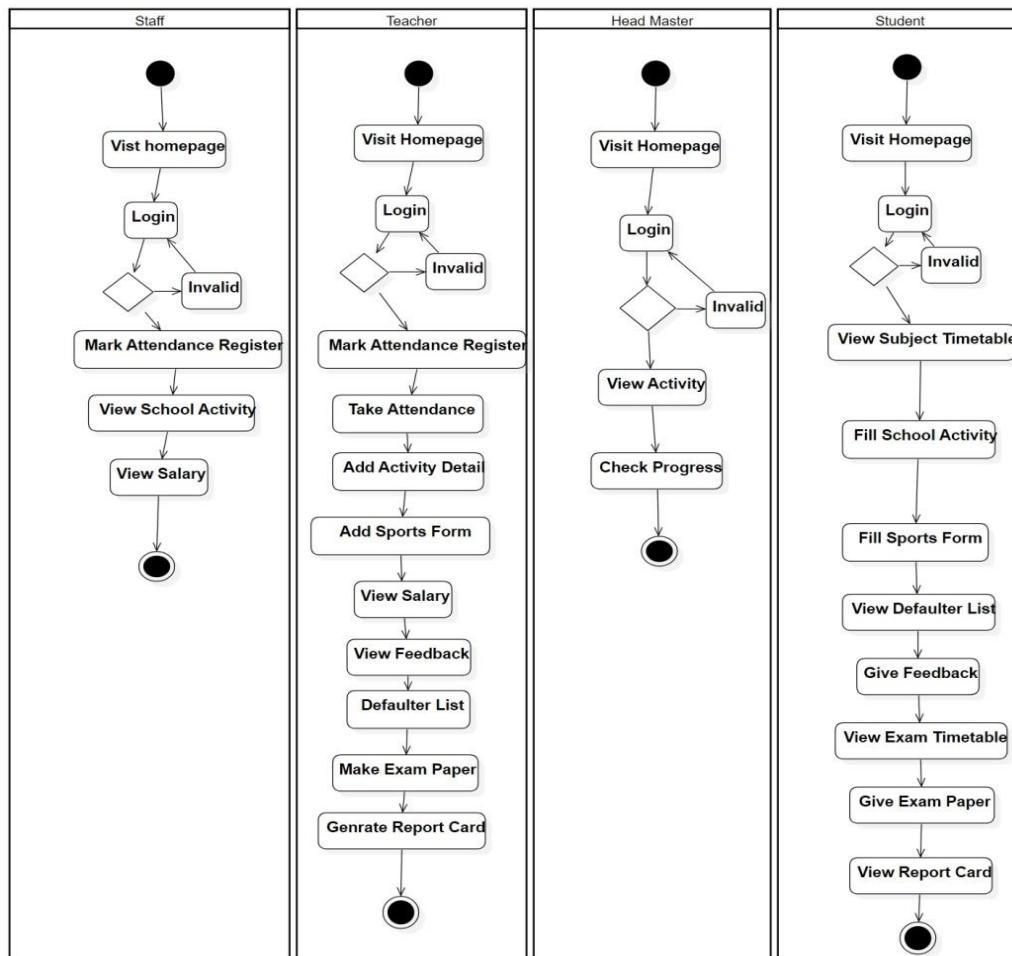
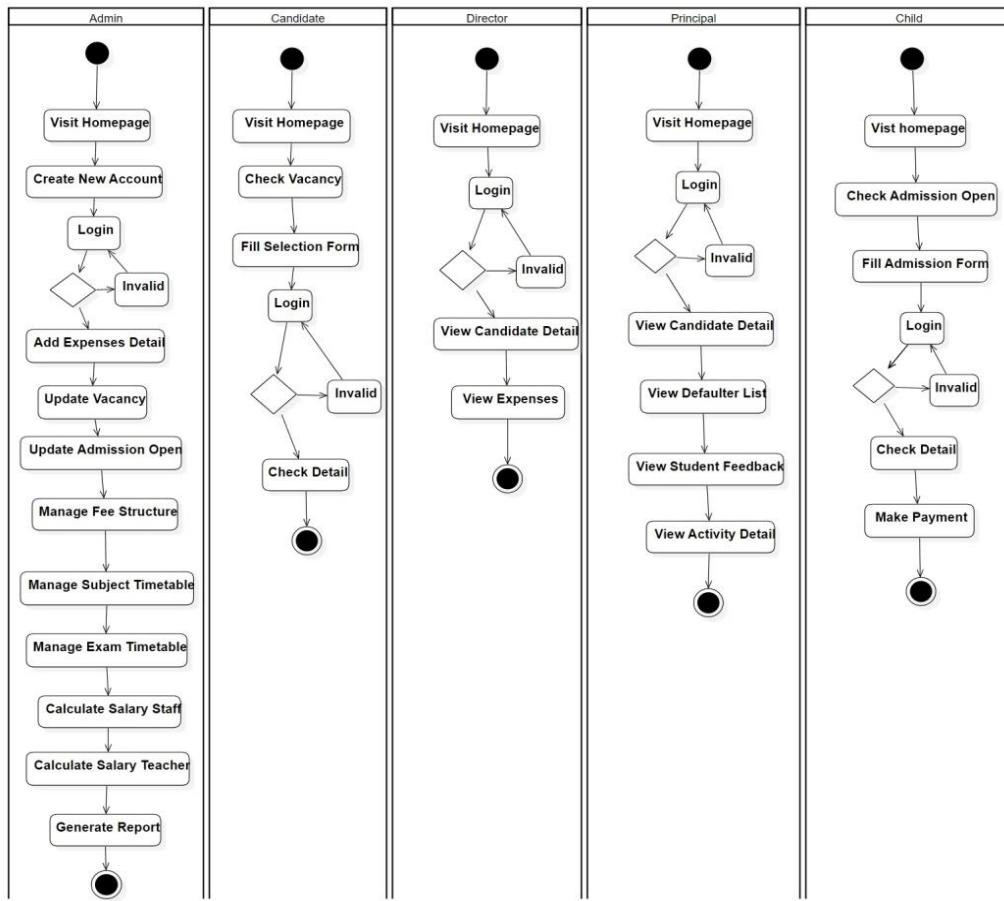
### 3.4 Use Case Diagrams



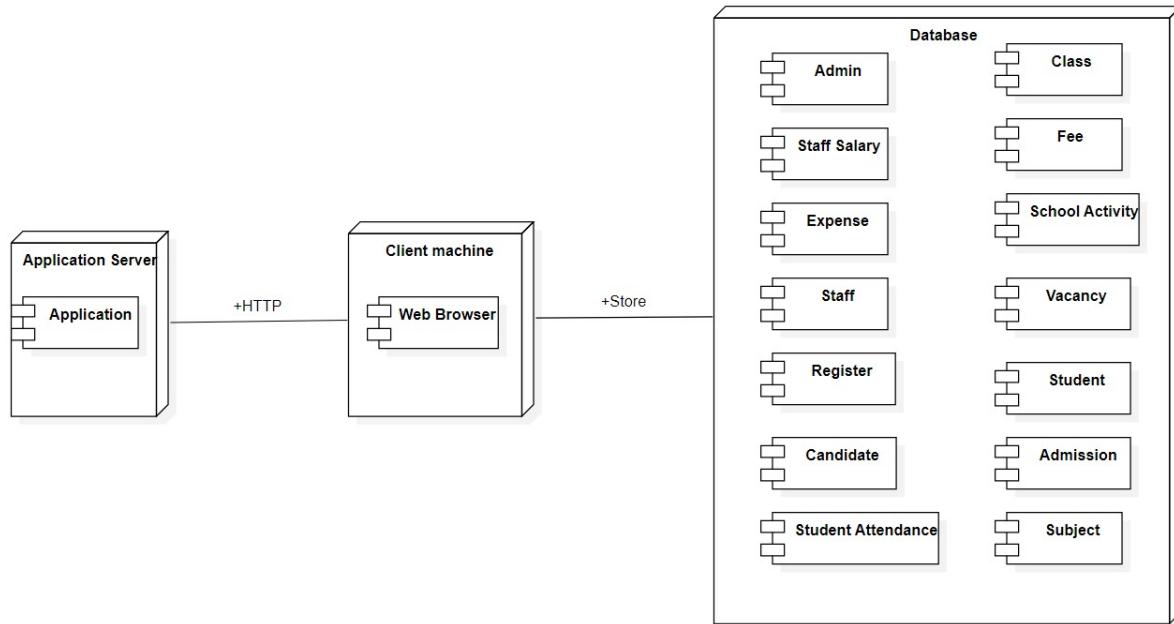
### 3.5 Class Diagram



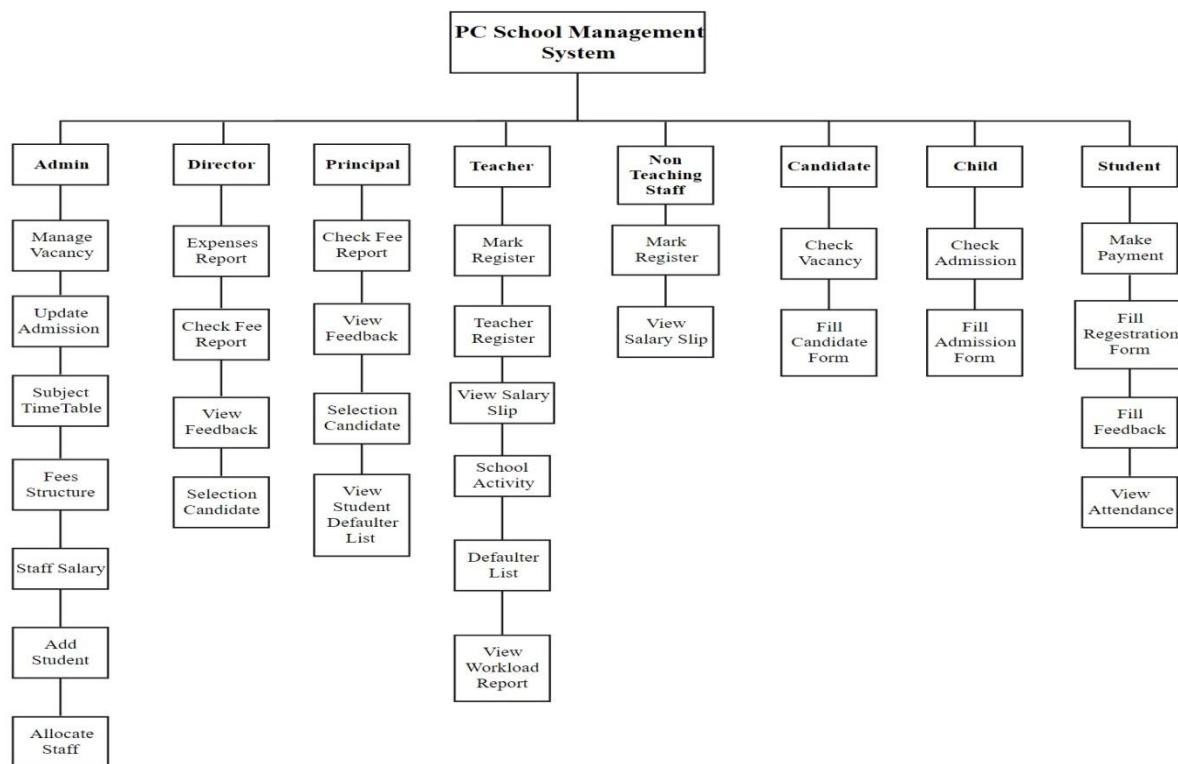
### 3.6 Activity Diagram



### 3.7 Deployment Diagram



### 3.8 Module Hierarchy Diagram

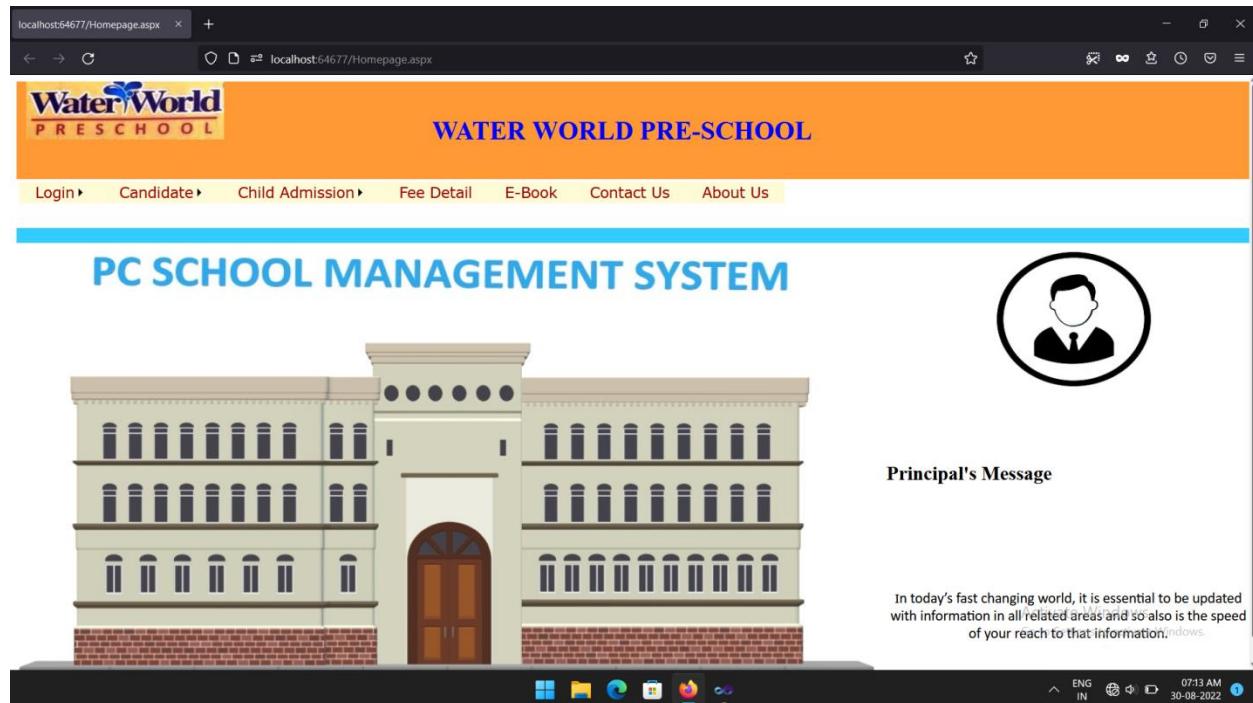


3.9

### Sample Input and Output Screens

(Screens must have valid data. All reports must have at-least 5 valid records.)

## Main Homepage



## Add Vacancy

The screenshot shows the "ADD VACANCY" page. At the top, there's a navigation menu with links for Candidate, Admission, Staff, Student, Expense, Class, Timetable, Vacancy, Subject, and Fee. The main area has a title "ADD VACANCY". On the left, there's a table titled "Select Vacancy Designation" showing two rows of data. On the right, there are input fields for "Designation" (P.R.T), "Start Date" (16-08-2022), and "End Date" (30-08-2022). A confirmation dialog box is open, stating "Successfully Inserted". At the bottom, there are "Submit" and "Refresh" buttons, and a link to activate Windows.

Vacancy ID	Vacancy Designation	Vacancy Start Date	Vacancy End Date			
31948	P.R.T	08-08-2022 12.00.00 AM	28-08-2022 12.00.00 AM	Select	Update	Delete
32249	T.G.T	11-08-2022 12.00.00 AM	18-08-2022 12.00.00 AM	Select	Update	Delete

## Add Candidate Detail

localhost:59339/Add%20Candidate.aspx

### ADD CANDIDATE DETAIL

Instructions:

1. All Fields are compulsory.
2. Enter working Email ID only.

Email ID	parash@gmail.com	
Password	***** <input type="checkbox"/> Show Password	<input type="button" value="Verify Image"/>
Full Name	parash chand	
Year of Experience	0	
Qualification	BCA	
Mobile Number	8932569456	
Select Photo Upload	Browse... 5_11zon.jpeg	
Select Resume Upload	Browse... Resume.pdf	

PC School Management System

Successfully inserted

Activate Windows  
Go to Settings to activate Windows.

localhost 07:11 AM 25-08-2022

## Candidate Detail

localhost:59339/Candidate%20Logi... localhost:59339/Candidate Detail.aspx?tmp1=48468

### CANDIDATE DETAIL

Email ID	parash@gmail.com	Qualification	BCA
Password	Zxcvbnm1@	Mobile Number	8932569456
Full Name	parash chand	Photo	
Year of Experience	0	Status	Selected

Activate Windows  
Go to Settings to activate Windows.

localhost 07:44 AM 25-08-2022

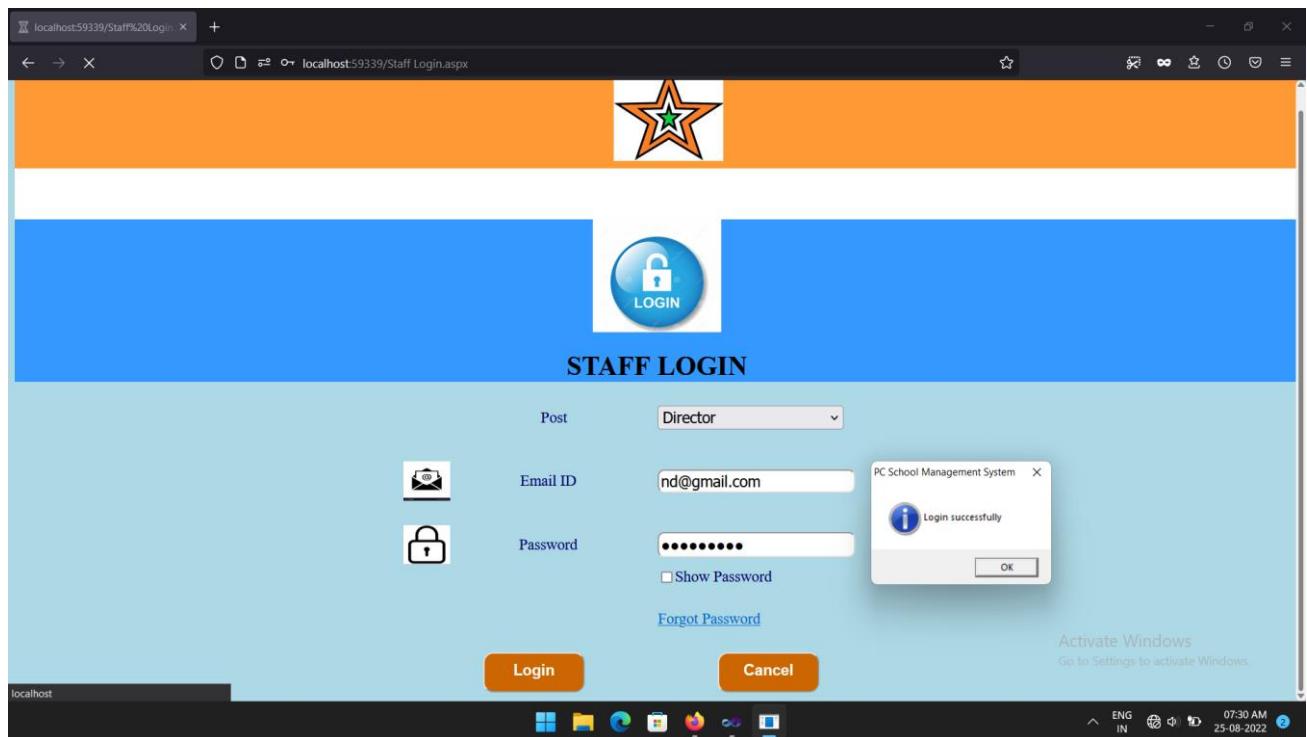
## Candidate Inform

Screenshot of the Candidate Send Mail page from a web browser. The page has a top navigation bar with links: Candidate, Admission, Staff, Student, Expense, Class, Timetable, Vacancy, Subject, and Fee. Below the navigation is a green header bar with the title "CANDIDATE INFORM". The main form contains fields for Candidate Email ID (parash@gmail.com), From (parashchand01@gmail.com), To (jawir36704@gmail.com), CC (jray29@gmail.com), Subject (Selection Process), and Message (Selection of teacher at 31-08-2022.). A modal dialog box titled "PC School Management System" displays the message "Mail Sent Successfully" with an "OK" button. At the bottom are "Submit" and "Refresh" buttons. The status bar at the bottom right shows "Activate Windows Go to Settings to activate Windows.", "ENG IN", and the date "25-08-2022".

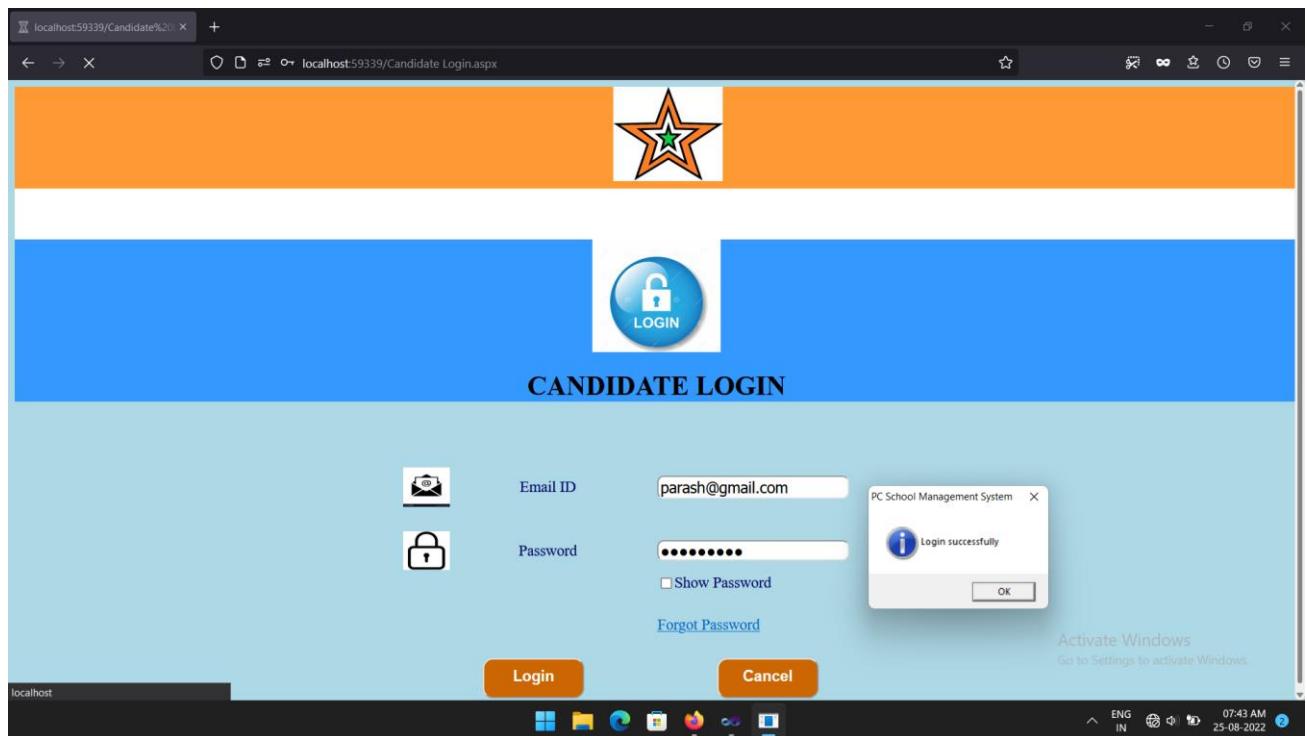
## Staff Detail

Screenshot of the Director staff detail page from a web browser. The page has a top navigation bar with links: Expense, Candidate, Fee, and Feedback. Below the navigation is a blue header bar with the title "STAFF". The main form contains fields for Post (Director), Year of Experience (10), Email ID (nd@gmail.com), Qualification (MBA), Password (Zxcvbnm1@), Mobile Number (7987789789), Staff Name (nd joshi), Photo (Raj.jpeg), and Date of Joining (02-08-2022 12.00.00 AM). At the bottom are "Update" and "Exit" buttons. A large organizational chart is visible on the right side of the page. The status bar at the bottom right shows "Activate Windows Go to Settings to activate Windows.", "ENG IN", and the date "25-08-2022".

## Staff Login



## Candidate Login



## Admission Form

The screenshot shows a web browser window for 'localhost:59339/Admission.aspx'. The header includes a logo of a star with a green center, and navigation links: Login, Candidate, Child Admission, Fee Detail, E-Book, Contact Us, About Us. A blue bar at the top says 'ADMISSION FORM'. Below it, instructions state: 1. All Fields are compulsory. 2. Image Format (Only .jpeg). The main form is divided into two sections: 'Admission Detail' and 'Mother and Father Detail'. In 'Admission Detail', fields include: Admission Year (2022), Admission Date (25-08-2022), Admission Class (1), Previous Class Name (nursery/LKG/UKG). In 'Mother and Father Detail', fields include: Father Name (nirmal), Father Occupation (Army), Mother Name (geeta), Mother Occupation (home maker). To the right of the form is a small photo of a woman. A watermark 'Select Photo For Upload' is visible. The taskbar at the bottom shows various application icons.

## Add Admission Detail

The screenshot shows a web browser window for 'localhost:59339/Add%20Admission.aspx'. The header includes a logo of a star with a green center, and navigation links: Candidate, Admission, Staff, Student, Expense, Class, Timetable, Vacancy, Subject, Fee. A blue bar at the top says 'Add Admission Detail'. The form has fields for: Admission Type (Admission\_Fee), Admission Start Date (23-08-2022), Admission End Date (29-08-2022), and Admission Amount (500). A success message box is displayed in the center: 'PC School Management System' with 'Successfully Inserted' and 'OK' buttons. A watermark 'Activate Windows Go to Settings to activate Windows.' is visible. The taskbar at the bottom shows various application icons.

localhost:59339/Admission%201 x + localhost:59339/Admission Form.aspx Admission Fee 500 Browse... 8\_11zon.jpeg

Result PASS

Previous School Name  Fee Type  Convert Any Image to Jpeg

Previous School Address  Verify Image

### Child Detail

Email ID  Gender

Password   Show Password Mobile Number

Full Name  Nationality

Date of Birth  Caste Category

Address

Submit Exit

PC School Management System x  
Successfully Inserted OK

Activate Windows  
Go to Settings to activate Windows.

## Fee Payment

The screenshot shows a web application titled "Fee Payment". At the top, there is a navigation bar with links: Login, Candidate, Child Admission, Fee Detail, E-Book, Contact Us, and About Us. A logo of a star is displayed above the navigation bar. The main content area has a green header bar with the title "Fee Payment". Below it, there are input fields for "Payment Date" (25-08-2022), "Payment Type" (Admission\_Fee), "Payment Mode" (Cash), and "Payment Amount" (500). To the right of these fields, a modal window titled "PC School Management System" displays the message "Successfully Payment" with an "OK" button. Below the input fields are two buttons: "Pay" and "Cancel". The status bar at the bottom of the browser window shows "localhost" and the date/time "25-08-2022 08:23 AM".

## Child Admission List

The screenshot shows a web application titled "Child Admission List". At the top, there is a table with columns: Student ID, Roll ID, Student Intake, Admission ID, Class, Admission Class, Full Name, Email ID, Password, Date of Birth, Mobile Number, Father Name, Mother Name, Photo, and Select Data. A new row is being added with values: 3, 10, 1A, venket k, venkat@gmail.com, Male, 10-08-2022, 12.00.00 AM, 7896789089, venkiy jena, AM. A modal window titled "PC School Management System" displays the message "Successfully Inserted" with an "OK" button. Below the table are "Add" and "Exit" buttons. The status bar at the bottom of the browser window shows "localhost" and the date/time "25-08-2022 08:28 AM".

Student ID	Roll ID	Student Intake	Admission ID	Class	Admission Class	Full Name	Email ID	Password	Date of Birth	Mobile Number	Father Name	Mother Name	Photo	Select Data
20000	1	10	39484	69968	1	Ray m	ram@gmail.com	Zxcvbnm1@	05-08-2022 12.00.00 AM	4645464564	niraj r	parvati	Raj(1).jpeg	<input type="checkbox"/>
20001	2	10	24686	69968	1	Ray m	raj@gmail.com	Zxcvbnm1@	15-08-2022 12.00.00 AM	7987897897	navin kumar	nirmala	Raj.jpeg	<input type="checkbox"/>
20002	3	10	46544	69968	1	venket k	venkat@gmail.com	Zxcvbnm1@	16-08-2022 12.00.00 AM	7896789089	venkiy jena		Screenshot_2022-08-11 at 07-50-19 Screenshot_11z	<input type="checkbox"/>
20003	4	10	12313	69968	1	rahul r	rahul@gmail.com	Zxcvbnm1@	16-08-2022 12.00.00 AM	7896789089	gajanan g	nj	Screenshot_2022-08-11 at 07-50-19 Screenshot_11zon.jpeg	<input type="checkbox"/>
20004	5	10	39777	69968	1	Nanu d	nanu@gmail.com	Zxcvbnm1@	08-04-2015 12.00.00 AM	7846545456	nirmal	geeta	8_11zon.jpeg	<input checked="" type="checkbox"/>

## **Student Detail**

**STUDENT DETAIL**

Select Your Choice	--Select Option--	Gender	Male
Roll Number	22113	Date of Birth	08-04-2015 12.00.00 AM
Email Id	nanu@gmail.com	Student Mobile Number	7846545456
Password	Zxcvbnm1@	Class Standard	1A
Student Name	Nanu d	Father Name	nirmal
Address	nda 76/4 nco's quater,nda pune-411004	Mother Name	geeta
Caste	Open	Photo	8_11zon.jpeg



**Update**    **Check Fee**

Activate Windows  
Go to Settings to activate Windows.

## Child Login

The screenshot shows a web browser window titled "localhost:6445/Child%20Login" with the URL "localhost:6445/Child Login.aspx". The page has a header with an orange background and a white star logo. Below the header is a blue section containing a circular "LOGIN" button with a padlock icon. The main body is light blue and features a "CHILD LOGIN" heading. It includes fields for "Email ID" (nanu@gmail.com) and "Password" (redacted), along with "Show Password" and "Forgot Password" links. A modal dialog box is open, displaying "Login Successfully" with an information icon and an "OK" button. At the bottom, there are "Login" and "Cancel" buttons. A watermark for "PC School Management System" is visible. The status bar at the bottom shows the URL "localhost", system icons, and the date/time "26-08-2022 07:04 AM".

## Child Detail

localhost:59339/Child%20Detail.aspx

**CHILD DETAIL**

Admission ID	39777	Caste	Open
Admission Year	2022	Gender	Male
Admission Date	25-08-2022 12.00.00 AM	Date of Birth	08-04-2015 12.00.00 AM
Email Id	nanu@gmail.com	Mobile Number	7846545456
Password	Zxcvbnm1@	Father Name	nirmal
Full Name	Nanu d	Mother Name	geeta
Address	nda 76/4 nco's quater,nda pune-411004	Photo	

**Fee Receipt**    **Exit**

Activate Windows  
Go to Settings to activate Windows.

ENG IN 08:24 AM 25-08-2022

## Allocation Class

localhost:59339/Allocation%20Class.aspx

**ALLOCATION CLASS**

Subject Name	Class ID	Class Name	Staff ID	
English	69968	1	49796	<a href="#">Select</a>
Maths	69968	1		<a href="#">Select</a>
Hindi	69968	1	49796	<a href="#">Select</a>

Subject Name	Class ID	Class Name	Staff ID	Staff Class Name	Staff Name		
English	69968	1	49796	1A	alka singh	<a href="#">Select</a>	<a href="#">Update</a>
Hindi	69968	1	49796	1A	alka singh	<a href="#">Select</a>	<a href="#">Update</a>

Class Name: 1    Class Section: A

Staff Name: parash chand

Staff Designation: P.R.T

Subject Name: Hindi-2

PC School Management System

Data Submitted Successfully

Activate Windows  
Go to Settings to activate Windows.

localhost

**Submit**    **Class**    **Refresh**

ENG IN 07:58 AM 25-08-2022

## Add Staff

The screenshot shows the 'ADD STAFF' page of a school management system. The form fields include:

- Select Designation: P.R.T
- Post: Teacher
- Year of Experience: 0
- Email ID: parash@gmail.com
- Qualification: BCA
- Staff Name: parash chand
- Mobile Number: 8932569456
- Date of Joining: 15-09-2022
- Teacher Type: --Select Teacher Type--
- Designation: P.R.T

A small modal window in the center says "Data Submitted Successfully". On the right, there is a placeholder photo of a man in a suit. At the bottom, there are "Submit" and "Cancel" buttons.

## Candidate Selection

The screenshot shows the 'SELECTION CANDIDATE' page. The form fields include:

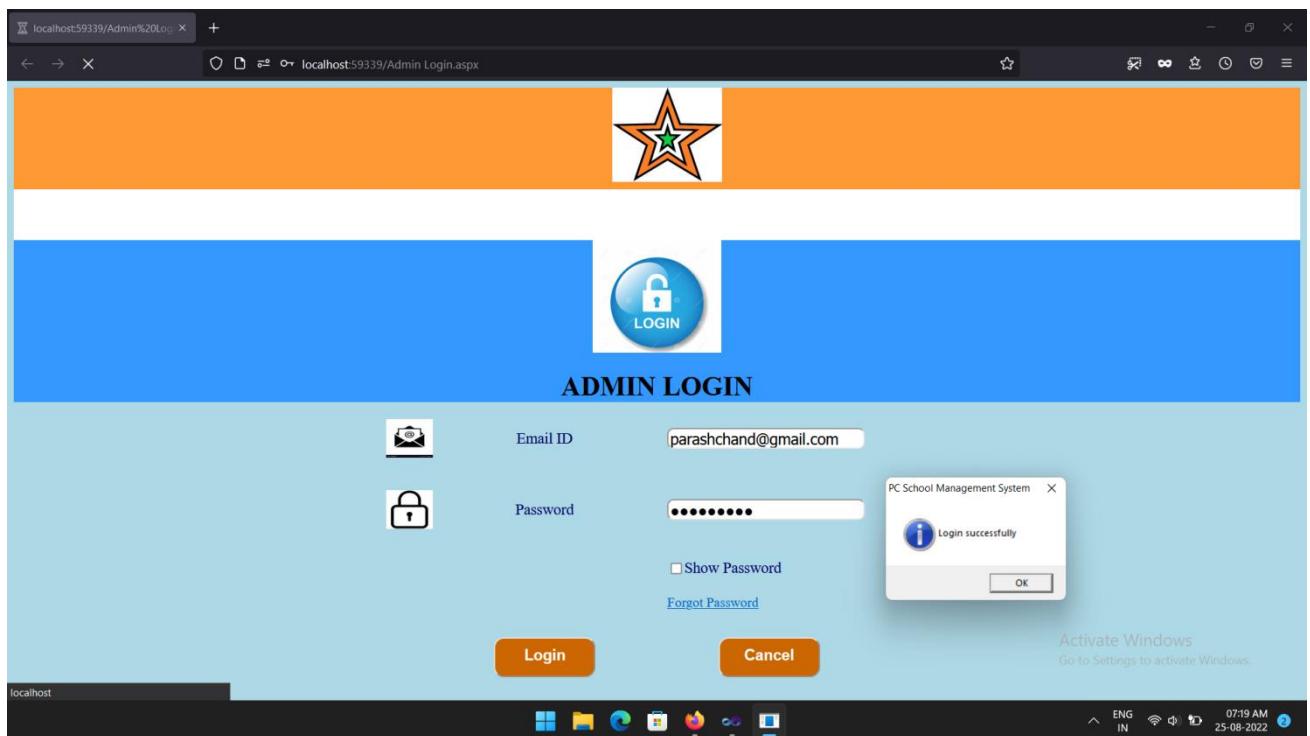
- Select Designation: P.R.T
- Candidate ID: 48468
- Email ID: parash@gmail.com
- Full Name: parash chand
- Year of Experience: 0
- Qualification: BCA
- Mobile Number: 8932569456
- Photo: 5\_11zon.jpeg
- Status: In Progress
- Select Option: Selected

A small modal window in the center says "Selected". On the left, there is a table for Candidate Resume:

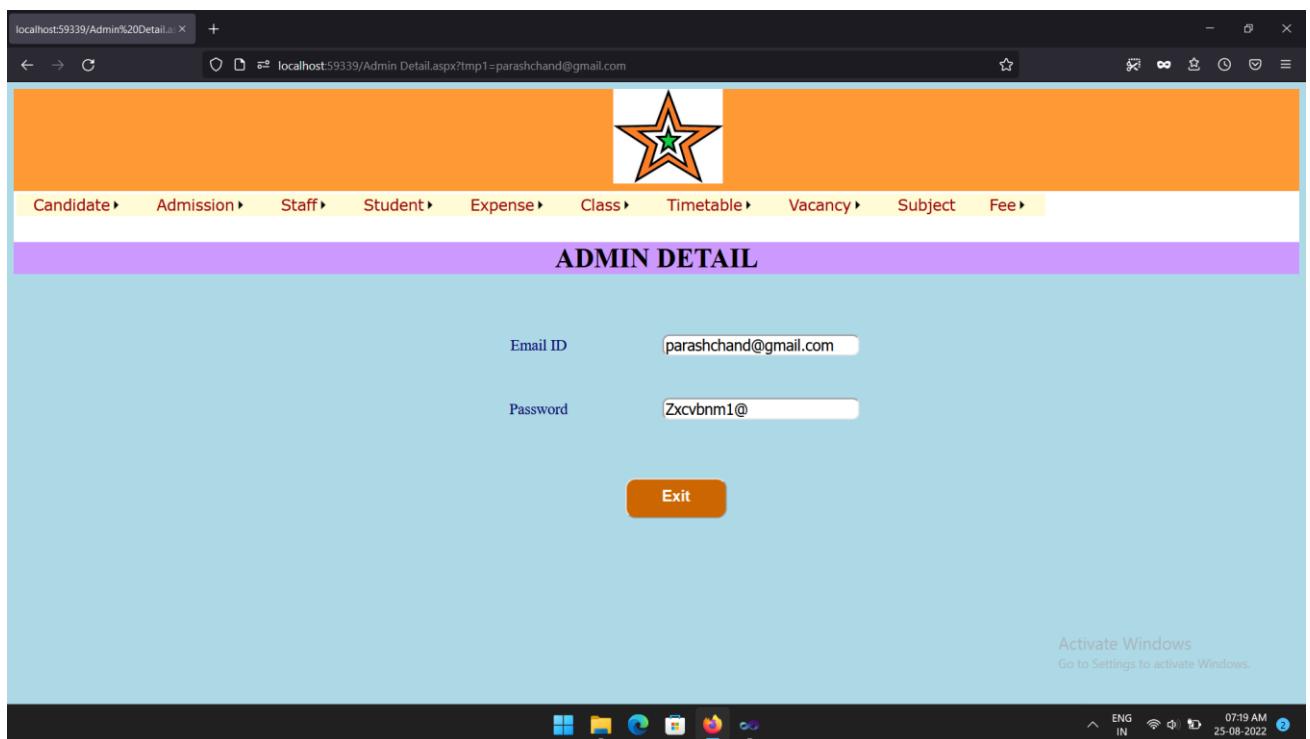
Candidate_ID	CandidateResume
48468	Resume.pdf

At the bottom, there are "Submit" and "Exit" buttons.

## Admin Login



## Admin Detail



## Add School Activity

The screenshot shows a Windows desktop environment with a web browser window open to 'localhost:59339/Add%20Activity.aspx'. The title bar says 'localhost:59339/Add Activity Detail.aspx'. The page features a yellow header with a star icon and navigation links: 'School Activity', 'E-Book', and 'Fee'. A blue banner at the top says 'ADD SCHOOL ACTIVITY'. Below it is a table with activity data:

Activity Name	Activity Registration Start Date	Activity Registration End Date	Activity Date	
Quiz	10-08-2022 12.00.00 AM	22-08-2022 12.00.00 AM	23-08-2022 12.00.00 AM	<a href="#">Select</a> <a href="#">Update</a> <a href="#">Delete</a>
Quiz Math	10-08-2022 12.00.00 AM	24-08-2022 12.00.00 AM	26-08-2022 12.00.00 AM	<a href="#">Select</a> <a href="#">Update</a> <a href="#">Delete</a>

On the right, there are input fields for 'Activity Name' (Drawing), 'Activity Start Date' (25-08-2022), 'Activity End Date' (30-08-2022), and 'Activity Date' (31-08-2022). Below these are 'Submit' and 'Refresh' buttons. A small modal window titled 'PC School Management System' says 'Successfully Inserted' with an 'OK' button. The taskbar at the bottom shows various application icons.

## Activity Registration

The screenshot shows a Windows desktop environment with a web browser window open to 'localhost:59339/Activity%20Registration.aspx?tmp=20004'. The title bar says 'localhost:59339/Activity Registration Form.aspx?tmp=20004'. The page features a yellow header with a star icon and navigation links: 'School Activity', 'Attendance', 'Timetable', 'Test Result', and 'E-Book'. A blue banner at the top says 'ACTIVITY REGISTRATION FORM'. Below it is a table with activity data:

Activity ID	Activity Name	Activity Registration Start Date	Activity Registration End Date	Activity Date	Class ID	
46900	Quiz	10-08-2022 12.00.00 AM	22-08-2022 12.00.00 AM	23-08-2022 12.00.00 AM	69968	<a href="#">Select</a>
17022	Quiz Math	10-08-2022 12.00.00 AM	24-08-2022 12.00.00 AM	26-08-2022 12.00.00 AM	69968	<a href="#">Select</a>
30778	Drawing	25-08-2022 12.00.00 AM	30-08-2022 12.00.00 AM	31-08-2022 12.00.00 AM	30778	<a href="#">Select</a>

On the right, there is an 'Activity Registration Date' field set to '25-08-2022'. A small modal window titled 'PC School Management System' says 'Data Submitted Successfully' with an 'OK' button. The taskbar at the bottom shows various application icons.

## Fee Detail

The screenshot shows a web application window titled "Fee Detail". The page has an orange header and footer. In the center, there are several input fields for fee details:

Class Standard	1	End Date	20-08-2022 12.00.00 AM
Tuition Fee	600	Quarterly Period	4
Computer Fee	300	Quarterly Fee	3000
Development Fee	100	Fee Amount	3000
Late Fee	5	Total Fee	12000
Start Date	08-08-2022 12.00.00 AM	Total Month	12

At the bottom, there are "Submit" and "Cancel" buttons. A watermark for "Activate Windows" is visible in the background.

## Student Class Fee

The screenshot shows a web application window titled "STUDENT CLASS FEE". The page has a green header bar with the title. Below it is a navigation menu with links: Candidate, Admission, Staff, Student, Expense, Class, Timetable, Vacancy, Subject, and Fee. The main area contains a table for "Student Detail" and a "Fee Amount" input field:

Student Name	Student Class Standard	Action
Ray m	1B	Select
kai j	1A	Select
venkat k	1A	Select
Nanu d	1A	Select

Next to the table is a "Fee Amount" input field set to 3000. To the right, there is a "Class Name" input field set to 1. A dropdown menu for "Student Name" is open, showing "Nanu d". A confirmation dialog box is displayed in the foreground, stating "Data Submitted Successfully". At the bottom, there are "Submit", "Update", and "Cancel" buttons. A watermark for "Activate Windows" is visible in the background.

## Add Timetable

The screenshot shows a web browser window titled "localhost:59339/Add%20Timetable.aspx". At the top, there is a navigation bar with links: Candidate, Admission, Staff, Student, Expense, Class, Timetable, Vacancy, Subject, and Fee. Below the navigation bar is a green header bar with the text "ADD TIMETABLE". The main form contains fields for Day Name (Monday), Class Standard (1), Section (A), Subject Name (English), Staff Name (alka singh), and Period Name (P1). The timing field shows "8:00 AM-9:00 AM". There are "Submit" and "Refresh" buttons. A success message box titled "PC School Management System" appears, stating "Data Submitted Successfully". The status bar at the bottom of the browser shows "Activate Windows Go to Settings to activate Windows." The desktop taskbar at the bottom includes icons for File Explorer, Edge, and other applications.

The screenshot shows a web browser window titled "localhost:59339/Add%20Timetable.aspx". The form fields are empty: Class Standard, Section, Subject Name, Staff Name, and Period Name. The timing field is also empty. Below the form is a table displaying the submitted data:

Day Name	Period Name	Timing	Class Name	Subject Name	Staff Name
Monday	P1	8:00 AM-9:00 AM	1A	English	alka singh
Monday	P3	10:00 AM-11:00 AM	1A	Hindi	alka singh

The status bar at the bottom of the browser shows "Activate Windows Go to Settings to activate Windows." The desktop taskbar at the bottom includes icons for File Explorer, Edge, and other applications.

## Subject Detail

The screenshot shows a web application titled "SUBJECT DETAIL". At the top, there is a navigation bar with links: Candidate, Admission, Staff, Student, Expense, Class, Timetable, Vacancy, Subject, and Fee. Below the navigation bar is a table titled "Subject Name" and "Class Standard". The table lists various subjects like English, Maths, Hindi, etc., across different class standards (1, 2, 3). Each row has "Select", "Update", and "Delete" buttons. To the right of the table, there are input fields for "Class Name" (set to 1) and "Subject Name" (set to English), along with "Submit" and "Refresh" buttons. A watermark for "Activate Windows" is visible in the background.

## Staff Register

The screenshot shows a web application titled "STAFF REGISTER". It features input fields for "Staff Name" (alka singh), "Register Date" (26-08-2022), and "Attendance Type" (Present). To the right of these fields is a calendar for August 2022, showing dates from 31 July to 27 September. Below the calendar are "Submit" and "Exit" buttons. A success message box is displayed, stating "Data Submitted Successfully". The status bar at the bottom shows system information like "localhost", "08:48 AM 25-08-2022", and language settings.

## Student Attendance

The screenshot shows a Windows desktop environment with a web browser window titled "STUDENT ATTENDANCE". The form fields are filled as follows:

- Staff Name: alka singh
- Roll No: 22112
- Student Name: venkat k
- Student Roll Number: 22112 (selected from a dropdown menu)
- Attendance Date: 26-08-2022
- Attendance Type: Present

A confirmation dialog box titled "PC School Management System" is displayed, stating "Data Submitted Successfully" with an "OK" button.

At the bottom of the screen, there is a taskbar with various icons and a system tray showing "Activate Windows" and the date/time "26-08-2022 07:50 AM".

## Fill Feedback Form

The screenshot shows a Windows desktop environment with a web browser window titled "FILL FEEDBACK FORM". The form fields are filled as follows:

- Class Standard: 1A
- Staff Name: alka singh

For the question "Do you think that the school provides you with adequate learning facilities?", the "Yes" radio button is selected.

For the question "Teacher speaks clearly and can be heard", the "Yes" radio button is selected.

For the question "Does your teacher encourage you to perform better?", the "Yes, all the time" radio button is selected.

For the question "How much time do you spend every day on homework?", the "2-3 Hours" radio button is selected.

For the question "How would you rate the syllabus content?", the "Very Satisfied" radio button is selected.

A confirmation dialog box titled "PC School Management System" is displayed, stating "Data Submitted Successfully" with an "OK" button.

At the bottom of the screen, there is a taskbar with various icons and a system tray showing "Activate Windows" and the date/time "26-08-2022 01:57 PM".

## Fill School Feedback Form

The screenshot shows a web browser window titled "FILL SCHOOL FEEDBACK FORM". At the top, it says "Class Standard 1A". Below that, there are two questions with radio button options. The first question asks if the school provides adequate sports facilities, with "Yes" selected. The second question asks about the overall academic experience with a professor, with "Very Satisfied" selected. A "Focus on Syllabus" link is visible. On the right, a modal window titled "PC School Management System" displays a success message: "Data Submitted Successfully". Below the form, there is a suggestion box containing the text "Nice School.". At the bottom are "Submit" and "Cancel" buttons.

## About US

The screenshot shows a web browser window for "WaterWorld PRESCHOOL". The header features the school's logo and the text "WATER WORLD PRE-SCHOOL". Below the header is a navigation menu with links: Login, Candidate, Child Admission, Fee Detail, E-Book, Contact Us, and About Us. The main content area is titled "About Water World Pre-School, Pune". It contains text about the school's history and its approach to education. A "Activate Windows" message is visible at the bottom right. The Windows taskbar at the bottom shows various application icons and the date/time: 10:44 AM, 25-08-2022.

## Contact Us

The screenshot shows a web browser window with the URL [localhost:61311/Contact%20Us.aspx](http://localhost:61311/Contact%20Us.aspx). The page has a header with the Water World Preschool logo and the text "WATER WORLD PRE-SCHOOL". Below the header is a navigation bar with links: Login, Candidate, Child Admission, Fee Detail, E-Book, Contact Us (which is highlighted in yellow), and About Us. A green banner at the top says "CONTACT US". Below the banner, there are three sections with bullet points:

- **Postal Address**
  - Behind More Petrol Pump, Sarde bhag, Shivane, Pune (Mah)
- **Phone No**
  - 8600945937
- **State:-**
  - Maharashtra

At the bottom right of the page, there is a link to "Activate Windows" with the sub-instruction "Go to Settings to activate Windows." The browser's status bar shows the date and time: 30-08-2022, 10:32 AM.

## Report

The screenshot shows a web browser window with the URL [localhost:64677/Fee%20Receipt.aspx](http://localhost:64677/Fee%20Receipt.aspx). The page has a header with the Water World Preschool logo and the text "WATER WORLD PRE-SCHOOL". Below the header is a section titled "SCHOOL FEE RECEIPT". It displays a table with student information and payment details:

Student Name	Ray m	Payment Date	24-08-2022 12:00:00			
Tuition_Fee	Computer_Fee	Development_Fee	Payment_Type	Payment_Mode	Pay_Amount	Payment_Status
700	300	100	School Fee	Cash	3000	Paid
700	300	100	School Fee	Cash	3000	Paid
					Total Amount	6000.00

At the bottom right of the page, there is a link to "Activate Windows" with the sub-instruction "Go to Settings to activate Windows." The browser's status bar shows the date and time: 30-08-2022, 08:12 AM.

localhost:64677/Student%20Attend... X +

localhost:64677/Student Attendance Report.aspx

Group Tree Main Report

### WATER WORLD PRE-SCHOOL

#### STUDENT ATTENDANCE REPORT

Student_Name	Student_Roll_Number	Student_Attendance	Attendance_Date	Student_Class_Standard
Ray m	22,111	Present	06-08-2022 12.00.00AM	Nursery
Ray m	22,111	Present	07-08-2022 12.00.00AM	Nursery
Ray m	22,111	Absent	08-08-2022 12.00.00AM	Nursery
Ray m	22,111	Present	09-08-2022 12.00.00AM	Nursery
Ray m	22,111	Present	10-08-2022 12.00.00AM	Nursery
			<b>Total Days</b>	5
			<b>Percentage</b>	80%

Activate Windows  
Go to Settings to activate Windows.

^ ENG IN 08:07 AM 30-08-2022

localhost:64677/Generate%20Slip... X +

localhost:64677/Generate Slip.aspx

Group Tree Main Report

### WATER WORLD PRE-SCHOOL

#### STAFF SALARY SLIP

Month

Staff Detail			
Staff ID	40800	Staff Name	parash chand
Post	Teacher	Staff Designation	P.R.T
<b>Earning</b>	<b>Amount</b>	<b>Deduction</b>	<b>Amount</b>
Basic Pay	5000	PF	0
Grade Level	Level - 4	Additional Deduction	0
Grade Pay	4000		
HRA	10		
DA	500		
TA	1350		
<b>Gross Salary</b>	<b>₹ 11350</b>	<b>Net Salary</b>	<b>₹ 9153</b>

Activate Windows  
Go to Settings to activate Windows.

^ ENG IN 09:33 AM 30-08-2022

WATER WORLD PRE-SCHOOL					
Expense_ID	Expense_Name	Vendor_Name	Expense_Date	Expense_Transaction_Type	Expense_Amount
19035	Chair	VB Chair	22-08-2022 12:00:00AM	Cash	20000.00
46545	Furniture	VB Chair	23-08-2022 12:00:00AM	Cash	10000.00
54645	Table	VB Chair	18-08-2022 12:00:00AM	Cash	15000.00
44564	Fan	CSD	20-08-2022 12:00:00AM	Cash	10000.00
78797	Tube Light	CSD	20-08-2022 12:00:00AM	Cash	10000.00
					<b>Total Amount</b> ₹ 65000

The screenshot shows a web browser window with the URL <localhost:64677/Workload%20Calculate.aspx>. The page title is "WATER WORLD PRE-SCHOOL". The main content is a "TEACHER WORKLOAD TIMETABLE" for staff member "parash chand". The table has four columns: Day Name, Subject Name, Period Name, and Staff Class Standard. A summary box below the table shows "1.00 Hours 0.00 Minutes" and "Total Period 1.00" and "Total Minutes 60.00". The bottom right corner of the screen displays a Windows activation message: "Activate Windows Go to Settings to activate Windows." The taskbar at the bottom shows various application icons.

Day Name	Subject Name	Period Name	Staff_Class_Standard
Monday	Gk	P1	2A

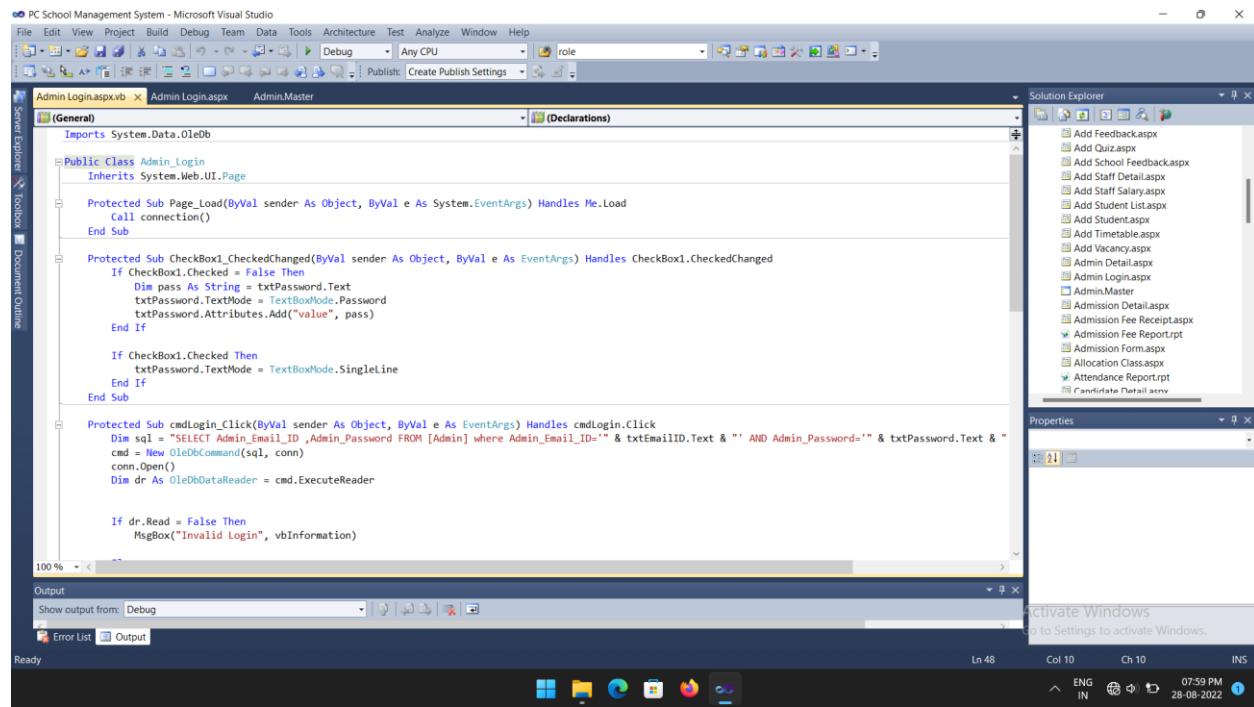
**1.00 Hours 0.00 Minutes**

Total Period	1.00
Total Minutes	60.00

Activate Windows  
Go to Settings to activate Windows.

## 4. Coding

### 4.1 Code snippets



PC School Management System - Microsoft Visual Studio

File Edit View Project Build Debug Team Data Tools Architecture Test Analyze Window Help

Server Explorer Toolbox Document Outline

Solution Explorer

Properties

Admin.Login.aspx.vb Admin Login.aspx Admin.Master

General Declarations

```
Imports System.Data.OleDb

Public Class Admin_Login
    Inherits System.Web.UI.Page

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Load
        Call connection()
    End Sub

    Protected Sub CheckBox1_CheckedChanged(ByVal sender As Object, ByVal e As EventArgs) Handles CheckBox1.CheckedChanged
        If CheckBox1.Checked = False Then
            txtPassword.TextMode = TextBoxMode.Password
            txtPassword.Attributes.Add("value", pass)
        End If

        If CheckBox1.Checked Then
            txtPassword.TextMode = TextBoxMode.SingleLine
        End If
    End Sub

    Protected Sub cmdLogin_Click(ByVal sender As Object, ByVal e As EventArgs) Handles cmdLogin.Click
        Dim sql = "SELECT Admin_Email_ID,Admin_Password FROM [Admin] where Admin_Email_ID=" & txtEmailID.Text & "' AND Admin_Password=''" & txtPassword.Text & "'"
        cmd = New OleDbCommand(sql, conn)
        conn.Open()
        Dim dr As OleDbDataReader = cmd.ExecuteReader

        If dr.Read = False Then
            MsgBox("Invalid Login", vbInformation)
        End If
    End Sub

```

Output

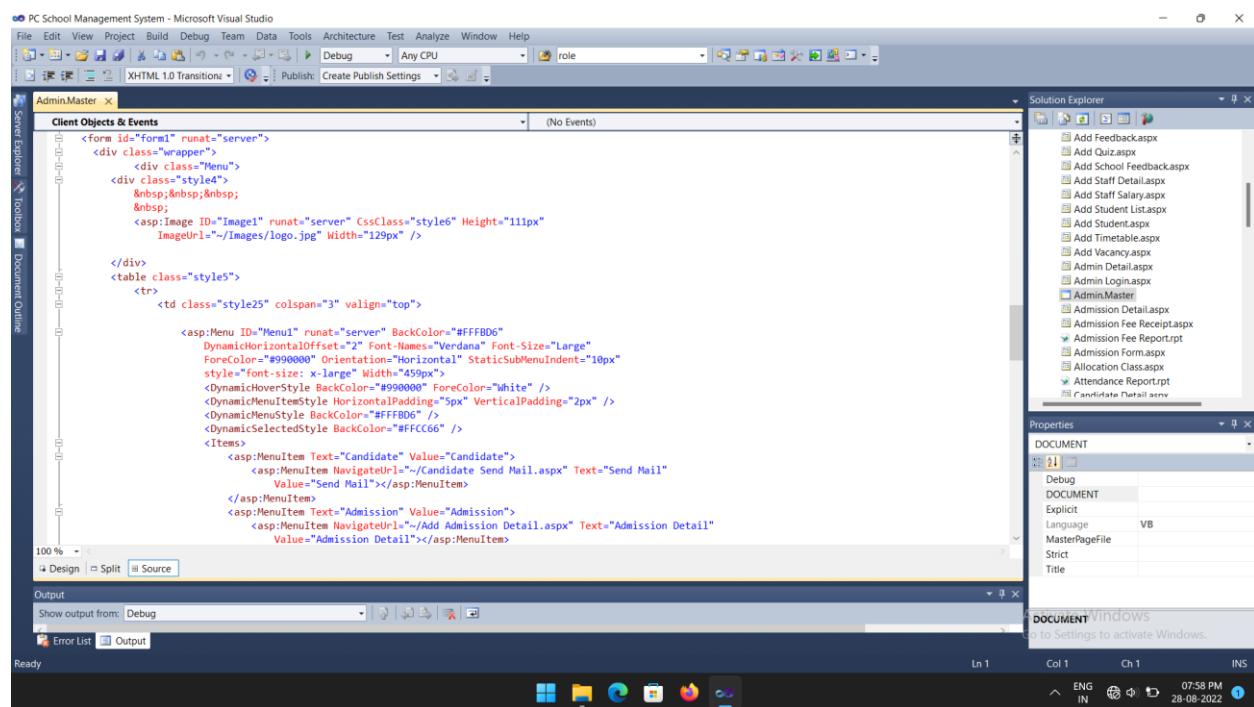
Show output from: Debug Error List Output

Ready

Ln 48 Col 10 Ch 10 INS

Activate Windows Go to Settings to activate Windows.

ENG IN 07:59 PM 28-08-2022



PC School Management System - Microsoft Visual Studio

File Edit View Project Build Debug Team Data Tools Architecture Test Analyze Window Help

Server Explorer Toolbox Document Outline

Solution Explorer

Properties

Admin.Master

Client Objects & Events

```
<form id="form1" runat="server">
    <div class="wrapper">
        <div class="Menu">
            &nbsp;&nbsp;&nbsp;
            &nbsp;
            <asp:Image ID="Image1" runat="server" CssClass="style6" Height="111px" ImageUrl="~/Images/logo.jpg" Width="129px" />
        </div>
        <table class="style5">
            <tr>
                <td class="style25" colspan="3" valign="top">

                    <asp:Menu ID="Menu1" runat="server" BackColor="#FFFFD6" DynamicHorizontalOffset="2" Font-Names="Verdana" Font-Size="Large" ForeColor="#990000" Orientation="Horizontal" StaticSubMenuIndent="10px" style="font-size: x-large" Width="459px" />
                    <DynamicHoverStyle BackColor="#990000" ForeColor="white" />
                    <DynamicMenuItemStyle HorizontalPadding="5px" VerticalPadding="2px" />
                    <DynamicMenuStyle BackColor="#FFFB06" />
                    <DynamicSelectedStyle BackColor="#FFCC66" />
                    <Items>
                        <asp:MenuItem Text="Candidate" Value="Candidate">
                            <asp:MenuItem NavigateUrl="~/Candidate Send Mail.aspx" Text="Send Mail" Value="Send Mail" />
                        </asp:MenuItem>
                        <asp:MenuItem Text="Admission" Value="Admission">
                            <asp:MenuItem NavigateUrl="~/Add Admission Detail.aspx" Text="Admission Detail" Value="Admission Detail" />
                        </asp:MenuItem>
                    </Items>
                </td>
            </tr>
        </table>
    </div>
</form>
```

Output

Show output from: Debug Error List Output

Ready

Ln 1 Col 1 Ch 1 INS

Activate Windows Go to Settings to activate Windows.

ENG IN 07:58 PM 28-08-2022

## **5. Test Procedures and Implementation: -**

### **5.1 Testing objectives:**

The testing objectives are summarized in the following three steps:

- 1) Testing is the process of executing a program with the intent of finding an error.
- 2) A good case is one that has a high probability of finding an as yet undiscovered error.
- 3) A successful test is the one that uncovers an as yet undiscovered error.

### **5.2 Testing Procedure:**

The importance of software testing and its implication with respect to software quality cannot be over emphasized. Software testing is typical element of software quality assurance. Testing represents the ultimate review of specification, design and coding.

Any engineered product can test in one of two ways:

The First approach is called **Black Box Testing** and the second one is called as **White Box Testing**.

When computer software is considered, Black Box Testing alludes to test that is conducted at the software interface. Although they are designed to uncover errors, Black Box Test are used to demonstrate that software functions are operational that input properly accepted and output correctly produced; that integrity of external information is maintained. Black Box Test examines some aspects of system with little regard for internal structure of software. White Box testing of software

is predicted on a close examination of procedural details. Providing test cases that exercise specific sets of conditions and /or loops test logical paths through software.

### **5.3 Test Plan:**

The Test Plan is designed to describe the scope, approach, resources, and schedule of all testing activities. The Test plan identifies the items to be tested like Authentication, the features to be tested like (for Authentication module) whether user is having privilege to login to the system or not, the types of testing to be performed like Unit Testing, Security Testing, User Interface Testing, Performance Testing, Regression Testing, the resources required to perform testing.

### **Unit/Module Testing:**

Testing conducted to verify the implementation of the design for one software element (e.g., unit, module) is called unit testing. The purpose of unit testing is to ensure that the program logic is complete and correct and ensuring that the component works as designed.

In each module will be go through Unit testing after the completion of the module. The bugs in module testing will be reported in Test Log document and will be reported to the developers.

After fixing the bug successfully, one more iteration of module testing (Regression Testing) is done. This process is repeated till all critical test cases pass.

### **Integration Testing:**

Testing conducted in which software elements, hardware elements, or both are combined and tested until the entire system has been integrated. The purpose of integration testing is to ensure that design objectives are met and ensures that the software, as a complete entity, complies with operational

requirements. This type of testing will be done after all module test cases are passed through module testing, security testing, performance testing, user interface testing and regression testing.

### **User Interface Testing:**

Testing done to ensure that the application operates efficiently and effectively on each client machine

### **Security Testing:**

In Authentication component, user needs to enter his login id and password. If the user name and password is valid then user is allowed to log in. As per the role of user will get the access over the different options

### **Regression Testing:**

Testing done to ensure that, the changes to the application has not adversely affected previously tested functionality. In Effort tracking system, testing will take care of the test cases passed during the first module testing will not be affected in the subsequent rounds of module testing.

### **Acceptance Testing:**

This testing is conducted to determine whether the product satisfies the acceptance criteria of the user. It enables the customer to determine whether or not to accept the system. Acceptance testing ensures that customer requirements are met

The acceptance test activities are carried out in phases. Firstly, the basic tests are executed, and if the test results are satisfactory then the execution of more complex scenarios are carried out.

The Acceptance test plan has the following attributes:

- Introduction.
- Acceptance Test Category.
- Test case ID.
- Test Title.
- Test Objective.
- Test Procedure.
- Test Schedule.

### **Beta Testing:**

Testing, done by the customer, using a pre-release version of the product to verify and validate that the system meets business functional requirements. The purpose of beta testing is to detect application faults, failures, and defects in application on regular worked basis. The Consistent performance of whole product will be tested for period of time to ensure that the product is ready in release stage.

### **5.4 Implementation:**

After successful testing we implemented some of the modules in real-world scenario. The system platform was created for those modules and a limited number of users were also created so that the performance could be tested as well. The system responded as per the expectation, only some performance measures were revealed and corrected accordingly.

The website is uploaded on web server and database is stored Oracle on web server. Performance test was tested for website.

Implementation is the stage where the theoretical design is turned into a working system. The most crucial stage in achieving a new successful system and in giving confidence on the new system for the users that it will work efficiently and effectively.

The system can be implemented only after thorough testing is done and if it is found to work according to the specification. It involves careful planning, investigation of the current system and its

constraints on implementation, design of methods to achieve the change over and an evaluation of change over methods a part from planning. Two major tasks of preparing the implementation are education and training of the users and testing of the system.

The more complex the system being implemented, the more involved will be the systems analysis and design effort required just for implementation. The implementation phase comprises of several activities. The required hardware and software acquisition is carried out. The system may require some software to be developed. For this, programs are written and tested. The user then changes over to his new fully tested system and the old system is discontinued.

## Test Case

A test case is a document, which has a set of test data, preconditions, expected results and post conditions, developed for a particular test scenario in order to verify compliance against a specific requirement.

Test Case acts as the starting point for the test execution, and after applying a set of input values, the application has a definitive outcome and leaves the system at some end point or also known as execution post condition.

Test Case ID	Test Case Name	Pre-Requisites	Steps To Be Executed	Expected Results	Actual Results	Pass/Fail
TC1	Check login	Application should be running and input should be displayed	Enter username Enter password	Valid message should be displayed	Message box “login successfully” is displayed	Pass
TC2	Enter valid mobile number	Application should be running and input should be displayed	Enter alphabets mobile number	Invalid message should be displayed	Message box “enter correct mobile number” is displayed	Pass
TC3	Activity login	Message box should be displayed	Enter student roll number	Invalid message should be displayed	Message box “invalid login” is displayed	Pass
TC4	Fill admission form	Page redirect to admission page	Check admission detail. If admission date is	Message should be displayed “from will not	Message should be displayed	Pass

			expiry	open date will be expiry”	“from will not open date will be expiry”	
TC5	Fill activity registration form	Message box should be displayed	Student enter same data again	Message should be displayed “Record already exists”	Message should be displayed “Record already exists”	Pass
TC6	Add activity start date and end date	Message box should be displayed	Teacher will add date	Message should be displayed “date is incorrect”	Message should be displayed “date is incorrect”	Pass
TC7	Check admission after end date	Message box should be displayed	Child click admission button	Message should be displayed “date is expiry”	Message should be displayed “date is expiry”	Pass
TC8	Check admission before end date	Check admission date	Child click admission button	Admission form will open	Admission form will open	Pass
TC9	Check vacancy after end date	Message box should be displayed	Child click vacancy button	Message should be displayed “date is expiry”	Message should be displayed “date is expiry”	Pass
TC10	Check vacancy before end date	Check vacancy date	Child click vacancy button	Candidate form will open	Candidate form will open	Pass
TC11	Add subject timetable	Check day, subject, class, staff name	Click add timetable	Message should be displayed “successfully add”	Message should be displayed “successfully add”	Pass
TC12	Add same subject name at same period timetable	Check day, subject, class, staff name	Click add timetable	Message should be displayed “already exist data”	Message should be displayed “already exist data”	Pass
TC13	Check pdf format	Check pdf	Add pdf file	Message should be displayed “select pdf only”	Message should be displayed “select pdf only”	Pass
TC14	Check Class Wise Roll Number	Roll Number	Class Wise Roll Number	Correct Roll Number Should Be Displayed	Correct Roll Number Should Be Displayed	Pass
TC15	Check	Activity	Select Class	Displayed Class	Displayed	Pass

	Activity Detail Class Wise	Detail		Wise Activity Detail	Class Wise Activity Detail	
TC16	Payment button visible after payment or not	School Fee payment	Enter student login and check fee	Payment button is not visible	Payment button is not visible	Pass
TC17	Payment button enable by admin	School Fee payment	Admin update fee status	Payment button is visible	Payment button is visible	Pass
TC18	School late fee add	Late fee added into fee amount	Student pay school fee	Payment page late fee is added to fee amount	Payment page late fee is added to fee amount	Pass
TC19	Admission child detail adds also student intake will decrease.	Student intake will decrease.	Select admission detail	Student intake decrease	Student intake decrease	Pass

## 6. Limitation of Proposed System

1. Fortunately, there aren't many. The most common issue schools/teachers/students/parents face while using a student management system is: a complex user interface. And that's a solvable issue.
2. We're humans and we need some time to adapt things. If the tool you're using is genuinely tough to use, you can go for a tool that's simple or get training.
3. Applications face minor technical glitches and these systems are no loading.
4. For new user it is difficult to understand the features of application.
5. Absence of proper internet-network makes it difficult for a user to access information.

## **7. Proposed Enhancements**

Although I have put my best efforts to make the software so flexible, easy to operate. Though the software presents a range of options to its user some options could not be covered and partly due to lack of features. Policy of time was also major constraint: it was not possible to make the fully working software. Lack of time also completed for me to ignore some part such as Student fee deduction as per cast category. Considerable efforts have made the software easy to operate even for the people not related to the field of computers but it is acknowledged that may find it bit problematic at the first instance. However, the software provides friendly message to interact with the system easy to use.

Export has not been developed due to some criticality (The exported information can save as means of backup).

1. Automatic student promote to next class.
2. Making online payment gateway for easy to use.
3. Fee deduction as per cast category.
4. Evaluation student marks in a statistics way.

## **8. Conclusion**

The PC School Management System is properly performed to satisfy all the important requirements that we want in school. The older system was tackled with so many problems/issues. The present project has been developed to make work easy and efficient. This system is automated system i.e., only use of machine for work.

Software which capable of storing school resources such as students and staff of the school and their relationship was implemented. It is easily to record their details of students and courses they have taken, courses and teacher they are given by using the friendly interface of the system.

The system developed to be user friendly and efficient in achieving basic goals. The system is found to be really beneficial for the concerned aspects.

The main idea was to developed an easy to use front end using HTML, CSS, all the possible use requests are shown in the software.

## **9. Bibliography**

1. <https://www.aspsnippets.com/Articles/Save-and-Retrieve-images-from-database-in-ASPNet.aspx>
2. <https://www.c-sharpcorner.com/article/insert-data-into-database-and-show-in-gridview-in-asp-net-csharp/>
3. E-Book ASP.Net Framework 3.5 Web Site Using C# & VB.
4. E-Book Build Your Own ASP.NET 4 Web Site Using C# & VB.
5. <https://www.aspsnippets.com/Articles/Insert-multiple-Selected-Checked-records-from-GridView-to-Database-in-ASPNet.aspx>

## 10. User manual

### Feedback Form

The screenshot shows a web browser window for 'localhost:64677/Add%20Feedback.aspx?tmp1=1A'. At the top, there's a navigation bar with 'School Activity' (highlighted in red), 'Timetable', and 'E-Book'. A logo of a star with a green center is in the top right. Below the navigation is a dark teal header bar with the text 'FILL FEEDBACK FORM'. The main form area has a light blue background. It includes fields for 'Class Standard' (set to '1A') and 'Staff Name' (set to 'alka singh'). There are several questions with radio button options. One question asks if the school provides adequate learning facilities, with 'Yes' selected. Another asks if the teacher speaks clearly, also with 'Yes' selected. A third asks if the teacher encourages performance, with 'Yes, all the time' selected. A fourth asks about syllabus content, with 'Very Satisfied' selected. A fifth asks about homework time, with '2-3 Hours' selected. At the bottom are 'Add' and 'Exit' buttons, and a small 'Activate Windows' message.

PC School Management System

Data Submitted Successfully

OK

Activate Windows  
Go to Settings to activate Windows.

Student fill feedback form according to class and teacher name. After submit it show message successfully.

### Student Attendance

The screenshot shows a web browser window for 'localhost:64677/Student%20Attendance.aspx?tmp1=1A'. The title bar says 'STUDENT ATTENDANCE'. The form has fields for 'Staff Name' (set to 'alka singh'), 'Roll No.' (set to '22112'), 'Student Name' (set to 'venkat k'), and 'Student Roll Number' (a dropdown menu showing '22111', '22112' (selected), and '22113'). It also has fields for 'Attendance Date' (set to '26-08-2022') and 'Attendance Type' (set to 'Present'). At the bottom are 'Submit' and 'Exit' buttons, and a small 'Activate Windows' message.

PC School Management System

Data Submitted Successfully

OK

Activate Windows  
Go to Settings to activate Windows.

Class teacher take attendance of student day wise.

## Staff Register

The screenshot shows a web application titled "STAFF REGISTER". It includes fields for "Staff Name" (alka singh), "Register Date" (26-08-2022), and "Attendance Type" (Present). A calendar for August 2022 is displayed. Below the form are "Submit" and "Exit" buttons. A success message box is visible, stating "Data Submitted Successfully". The operating system taskbar at the bottom shows various icons and the date/time as 26-08-2022 07:47 AM.

Staff mark register it will help to calculate salary of staff (i.e. Teacher and Non-teaching staff).

## Child Login

The screenshot shows a web application titled "CHILD LOGIN". It features fields for "Email ID" (nanu@gmail.com) and "Password" (redacted). There is a "Show Password" checkbox and a "Forgot Password" link. Below the fields are "Login" and "Cancel" buttons. A success message box is visible, stating "Login Successfully". The operating system taskbar at the bottom shows various icons and the date/time as 26-08-2022 07:04 AM.

Child enter email id and password if correct show login successfully.

## Child Detail

localhost:59339/Child%20Detail.aspx

localhost:59339/Child Detail.aspx?tmp1=39777

### CHILD DETAIL

Admission ID	39777	Caste	Open
Admission Year	2022	Gender	Male
Admission Date	25-08-2022 12.00.00 AM	Date of Birth	08-04-2015 12.00.00 AM
Email Id	nanu@gmail.com	Mobile Number	7846545456
Password	Zxcvbnm1@	Father Name	nirmal
Full Name	Nanu d	Mother Name	geeta
Address	nda 76/4 nco's quater,nda pune-;	Photo	8_11zon.jpeg



Fee Receipt      Exit

Activate Windows  
Go to Settings to activate Windows.

ENG IN 08:24 AM 25-08-2022

Child can view detail.

## Student Detail

localhost:59339/Student.aspx?tmp1

localhost:59339/Student.aspx?tmp1=20004

### STUDENT DETAIL

Select Your Choice	-Select Option--	Gender	Male
Roll Number	22113	Date of Birth	08-04-2015 12.00.00 AM
Email Id	nanu@gmail.com	Student Mobile Number	7846545456
Password	Zxcvbnm1@	Class Standard	1A
Student Name	Nanu d	Father Name	nirmal
Address	nda 76/4 nco's quater,nda pune-;	Mother Name	geeta
Caste	Open	Photo	8_11zon.jpeg



Update      Check Fee

Activate Windows  
Go to Settings to activate Windows.

ENG IN 01:41 PM 25-08-2022

Student view their detail.

## Add Expense

Screenshot of the 'Expense' detail page. The page has a header with a star logo and navigation links: Expense, Candidate, Fee, Feedback. The main content area is titled 'Expense' and contains the following form fields:

Expense ID	42815
Expense Name	Fan
Expense Date	09-08-2022
Expense Transaction Type	Pay Online
Expense Amount	10000
Total Amount	60000

Buttons at the bottom: Report, Cancel.

System status bar at the bottom right: Activate Windows, Go to Settings to activate Windows, ENG IN, 01:27 PM, 25-08-2022.

Admin add expenses detail.

## Fee Payment

Screenshot of the 'Fee Payment' page. The page has a header with a star logo and navigation links: Login, Candidate, Child Admission, Fee Detail, E-Book, Contact Us, About Us. The main content area is titled 'Fee Payment' and contains the following form fields:

Payment Date	25-08-2022
Payment Type	Admission_Fee
Payment Mode	Cash
Payment Amount	500

Instructions:

- Before Click on pay button select payment mode you want.
- If some reason you don't want pay amount please click on cancel button.

Buttons at the bottom: Pay, Cancel.

A modal dialog box is displayed: PC School Management System, Successfully Payment, OK.

System status bar at the bottom right: Activate Windows, Go to Settings to activate Windows, localhost, ENG IN, 08:23 AM, 25-08-2022.

Child and Student pay fee according to their amount.

## Add Admission Detail

The screenshot shows a web application window titled "Add Admission Detail". At the top, there is a navigation bar with links: Candidate, Admission, Staff, Student, Expense, Class, Timetable, Vacancy, Subject, and Fee. Below the navigation bar, the main title "Add Admission Detail" is displayed. The form contains fields for "Admission Type" (set to "Admission\_Fee"), "Admission Start Date" (set to "23-08-2022"), "Admission End Date" (set to "29-08-2022"), and "Admission Amount" (set to "500"). Below the form are three buttons: "Submit", "Update", and "Delete". A modal dialog box titled "PC School Management System" is open, displaying the message "Successfully Inserted" with an "OK" button. In the bottom right corner of the screen, there is a Windows system tray notification for "Activate Windows" with the text "Go to Settings to activate Windows." and a link "Select Device, Then activate". The taskbar at the bottom shows various application icons.

Admin can add admission detail.

## Admission Form

The screenshot shows a web application window titled "ADMISSION FORM". At the top, there is a navigation bar with links: Login, Candidate, Child Admission, Fee Detail, E-Book, Contact Us, and About Us. Below the navigation bar, the main title "ADMISSION FORM" is displayed. The page contains two main sections: "Admission Detail" and "Mother and Father Detail". The "Admission Detail" section includes fields for "Admission Year" (set to "2022"), "Admission Date" (set to "25-08-2022"), "Admission Class" (set to "1"), and "Previous Class Name" (set to "nursery/LKG/UKG"). The "Mother and Father Detail" section includes fields for "Father Name" (set to "nirmal"), "Father Occupation" (set to "Army"), "Mother Name" (set to "geeta"), and "Mother Occupation" (set to "home maker"). To the right of the "Mother and Father Detail" section is a small thumbnail image of a woman. In the bottom right corner of the screen, there is a Windows system tray notification for "Activate Windows" with the text "Go to Settings to activate Windows." and a link "Select Device, Then activate". The taskbar at the bottom shows various application icons.

Child Fill admission form to become a student.

localhost:59339/Adition%20 Form.aspx

Admission Class	1	Mother Name	geeta	
Previous Class Name	nursery/LKG/UKG	Mother Occupation	home maker	
Previous Class Result	Pass	Admission Fee	500	
Previous School Name	dale school	Fee Type	Admission_Fee	
Previous School Address	dale school,warje	<a href="#">Select Photo For Upload</a> <a href="#">Browse...</a> 8_11zon.jpeg <a href="#">Convert Any Image to Jpeg</a> <a href="#">Verify Image</a>		
<b>Child Detail</b>				
Email ID	nanu@gmail.com	Gender	Male	
Password	*****	Show Password	Mobile Number	7846545456
Full Name	Nanu d	Nationality	Indian	
Date of Birth	08-04-2015	Caste Category	Open	
<a href="#">Activate Windows</a> Go to Settings to activate Windows.				

localhost:59339/Adition%20 Form.aspx

Result	Pass	Admission Fee	500	<a href="#">Browse...</a> 8_11zon.jpeg <a href="#">Convert Any Image to Jpeg</a> <a href="#">Verify Image</a>
Previous School Name	dale school	Fee Type	Admission_Fee	
Previous School Address	dale school,warje			
<b>Child Detail</b>				
Email ID	nanu@gmail.com	Gender	Male	
Password	*****	Show Password	Mobile Number	7846545456
Full Name	Nanu d	Nationality	Indian	
Date of Birth	08-04-2015	Caste Category	Open	
Address	nda 76/4 nco's quater,nda pune-23			
<a href="#">Submit</a> <a href="#">Exit</a>				

Successfully Inserted  
[OK](#)

[Activate Windows](#)  
 Go to Settings to activate Windows.

## Allocation Class

The screenshot shows a web application titled "Allocation Class". At the top, there is a navigation bar with links: Candidate, Admission, Staff, Student, Expense, Class, Timetable, Vacancy, Subject, and Fee. Below the navigation bar is a table with columns: Subject Name, Class ID, Class Name, Staff ID, and a "Select" button. The table contains three rows: English (Class ID 69968, Class Name 1, Staff ID 49796), Maths (Class ID 69968, Class Name 1, Staff ID 49796), and Hindi (Class ID 69968, Class Name 1, Staff ID 49796). To the right of the table, there are dropdown menus for Class Name (1) and Class Section (A), and a dropdown for Staff Name (parash chand). A modal window titled "PC School Management System" displays a success message: "Data Submitted Successfully". Below the table are two tables: one for Subject Name, Class ID, Class Name, Staff ID, Staff Class Name, Staff Name, and another for the same fields with specific values (English, Maths, Hindi) filled in. At the bottom of the page are buttons for Submit, Class, and Refresh.

Admin Allocate class to teacher.

## Add Staff Detail

The screenshot shows a web application titled "Add Staff Detail". At the top, there is a navigation bar with links: Candidate, Admission, Staff, Student, Expense, Class, Timetable, Vacancy, Subject, and Fee. Below the navigation bar is a form titled "ADD STAFF". The form includes fields for Select Designation (P.R.T), Post (Teacher), Year of Experience (0), Email ID (parash@gmail.com), Qualification (BCA), Staff Name (parash chand), Mobile Number (8932569456), Date of Joining (15-09-2022), Teacher Type (dropdown menu), and Designation (P.R.T). On the left, there is a list titled "List of Candidate Selected" with options: "--Select--" and "48468". A modal window titled "PC School Management System" displays a success message: "Data Submitted Successfully". At the bottom of the page are buttons for Submit and Cancel.

Admin can add staff detail.

## Candidate Detail

The screenshot shows a web page titled "CANDIDATE DETAIL". It contains the following form fields:

Email ID	parash@gmail.com	Qualification	BCA
Password	Zxcvbnm1@	Mobile Number	8932569456
Full Name	parash chand	Photo	5_11zon.jpeg
Year of Experience	0	Status	Selected

Below the form is an "Exit" button. At the bottom right, there is a watermark: "Activate Windows Go to Settings to activate Windows." The system tray at the bottom right shows: ENG IN 07:44 AM 25-08-2022.

Candidate can view detail.

## Candidate Selection

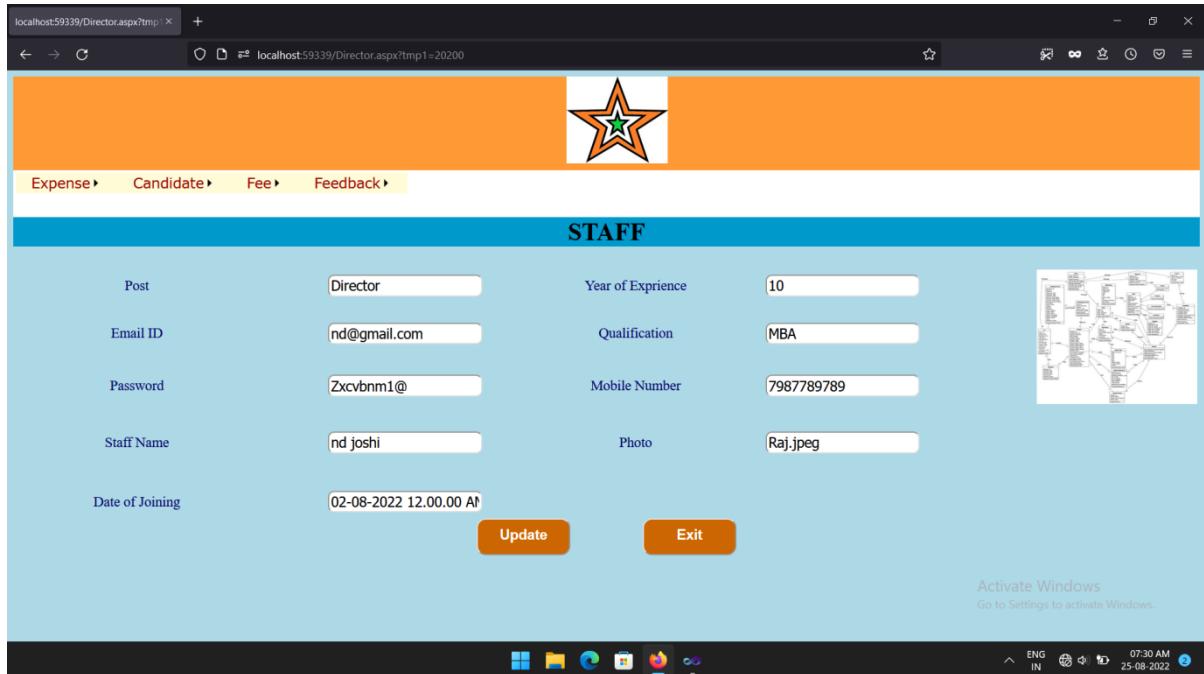
The screenshot shows a web page titled "SELECTION CANDIDATE". It contains the following form fields:

Select Designation	P.R.T	Candidate ID	48468				
Select Candidate ID	--Select-- 48468	Email ID	parash@gmail.com				
Candidate Resume	<table border="1"><thead><tr><th>Candidate_ID</th><th>CandidateResume</th></tr></thead><tbody><tr><td>48468</td><td>Resume.pdf</td></tr></tbody></table>	Candidate_ID	CandidateResume	48468	Resume.pdf	Full Name	parash chand
Candidate_ID	CandidateResume						
48468	Resume.pdf						
Year of Experience	0	Qualification	BCA				
Mobile Number	8932569456	Photo	5_11zon.jpeg				
Status	In Progress	Select Option	Selected				

A modal dialog box is displayed in the bottom right corner with the message: "PC School Management System Selected OK". Below the form are "Submit" and "Exit" buttons. At the bottom right, there is a watermark: "Activate Windows Go to Settings to activate Windows." The system tray at the bottom right shows: ENG IN 07:39 AM 25-08-2022.

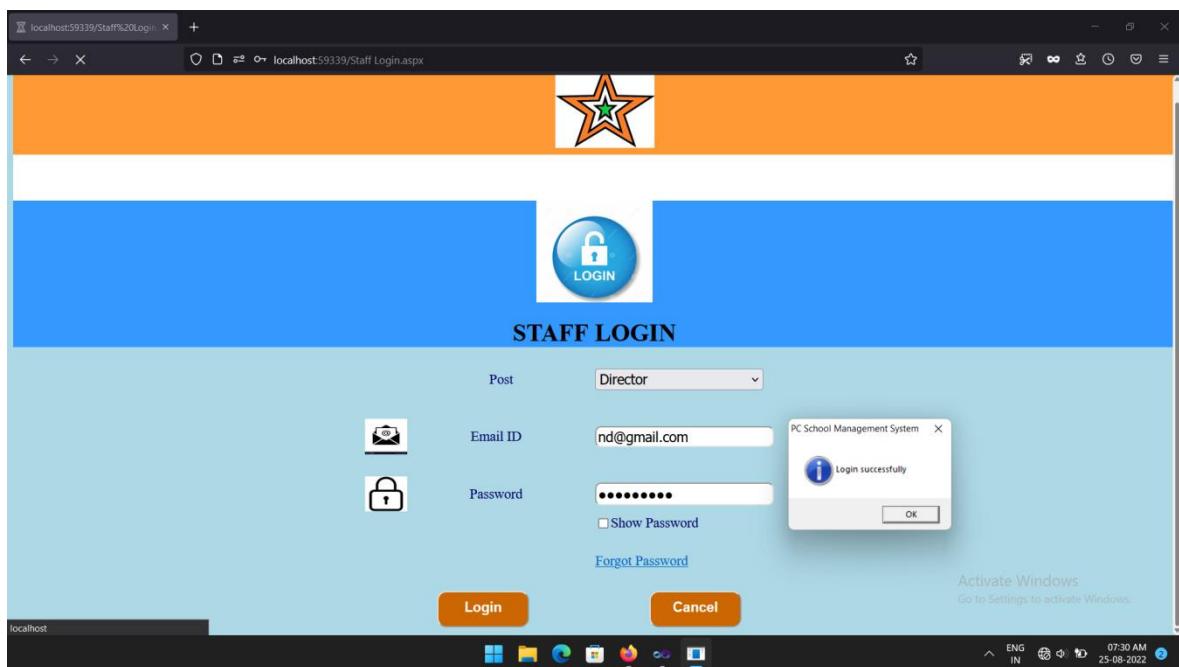
Director or principal can select candidate.

## Staff Detail



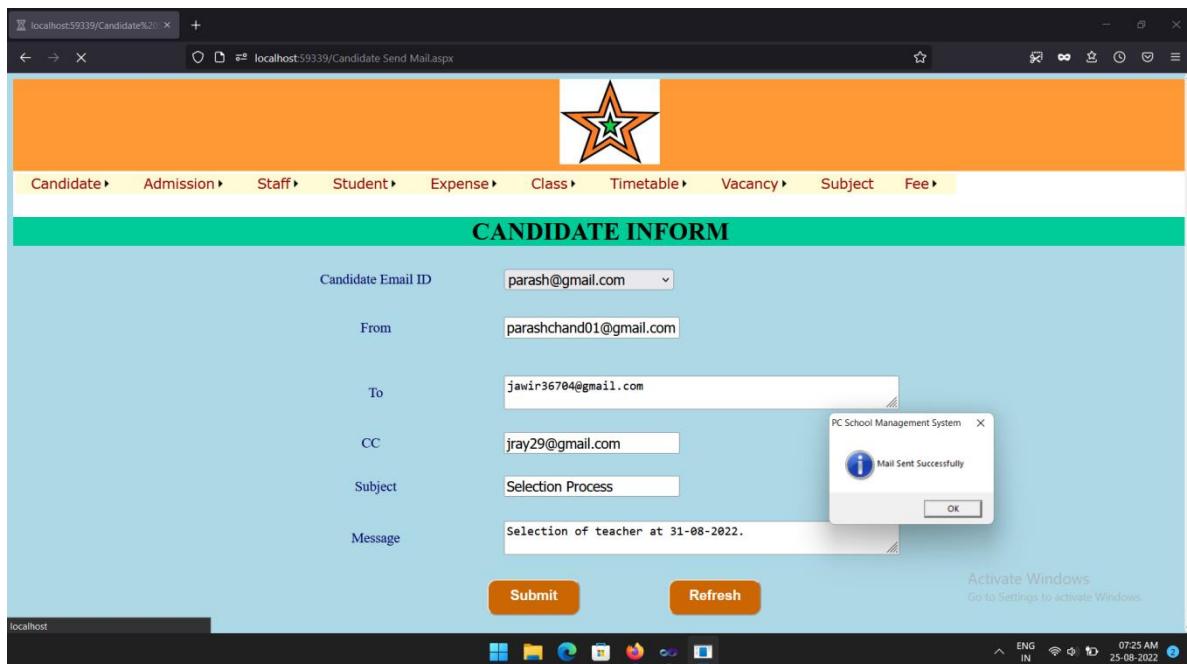
Staff can view detail after login successfully.

## Staff Login



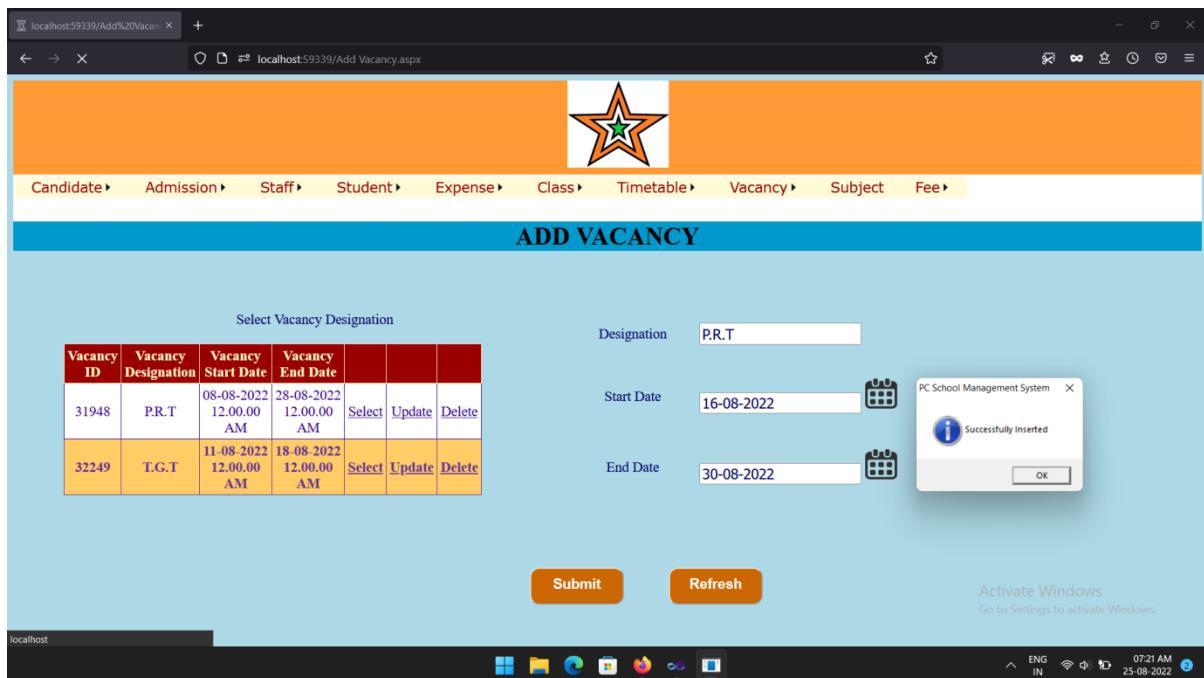
Staff enter email id and password if correct show login successfully.

## Candidate Inform



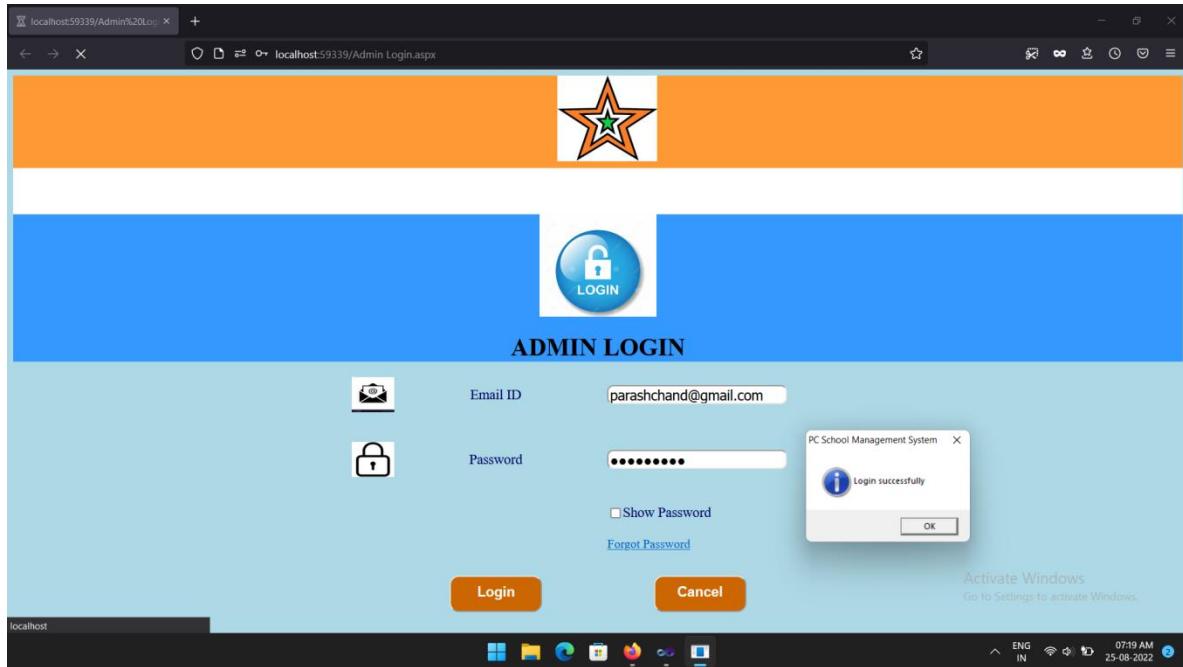
Admin can send mail to candidate.

## Add Vacancy



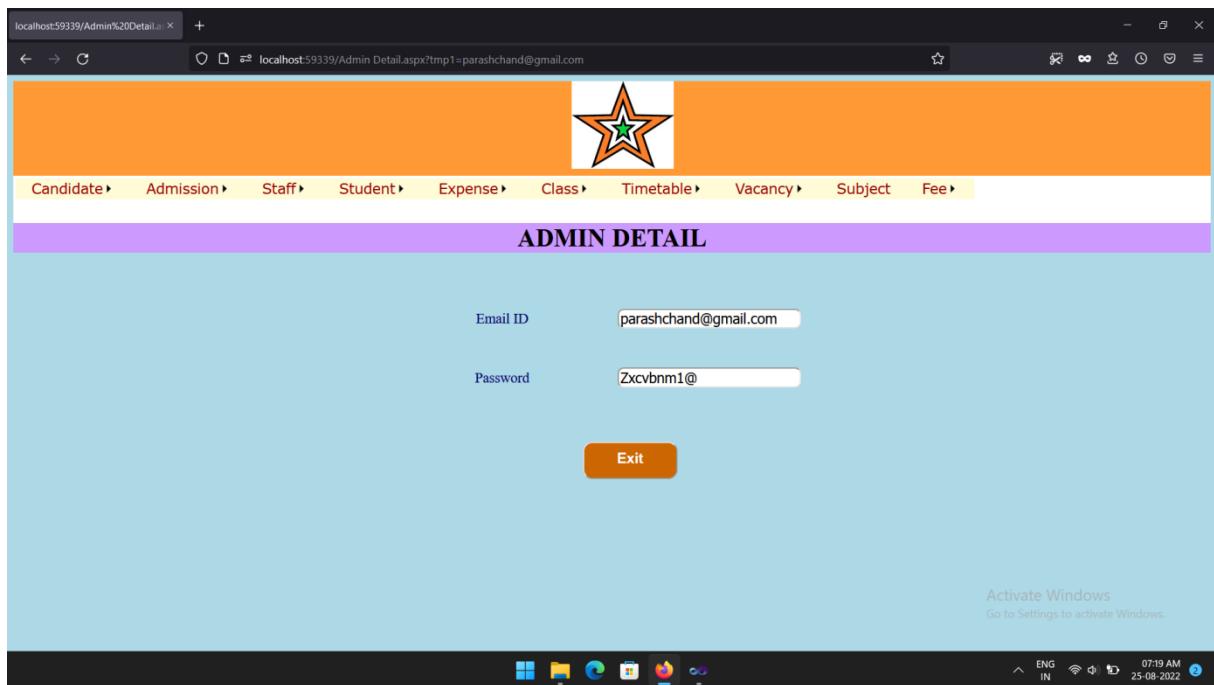
Admin can add vacancy for candidate.

## Admin Login



Admin enter email id and password if correct show login successfully.

## Admin Detail



Admin can view detail.

## Add Candidate Detail

The screenshot shows a web browser window titled "localhost:59339/Add%20Candidate.aspx". The main title bar says "ADD CANDIDATE DETAIL". Below it, instructions state: "1. All Fields are compulsory.  
2. Enter working Email ID only." The form includes fields for Email ID (parash@gmail.com), Password (redacted), Full Name (parash chand), Year of Experience (0), Qualification (BCA), Mobile Number (8932569456), Select Photo Upload (Browse... 5\_11zon.jpeg), and Select Resume Upload (Browse... Resume.pdf). To the right, there is a placeholder image of a man in a suit and a "Verify Image" button. A small "PC School Management System" window appears in the center-right, stating "Successfully inserted" with an "OK" button. The bottom of the screen shows a Windows taskbar with various icons and system status.

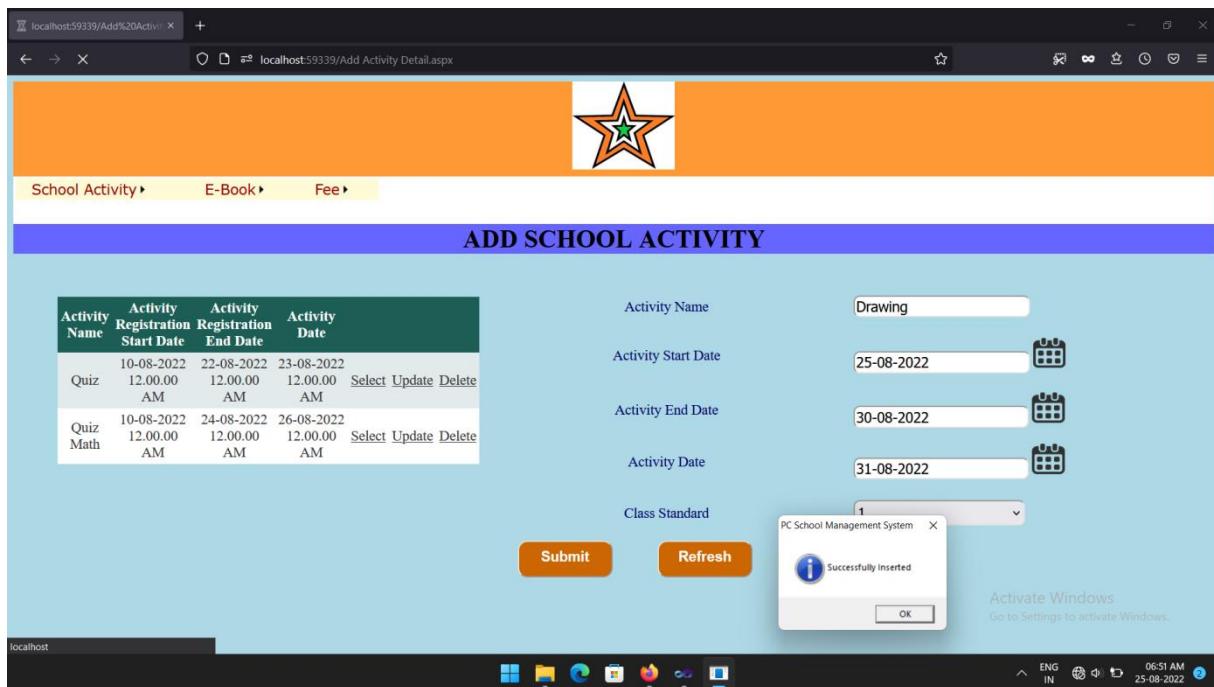
Candidate fill selection form become a teacher.

## Vacancy Detail

The screenshot shows a web browser window titled "localhost:59339/Vacancy.aspx". The header features a yellow navigation bar with links: Login ▾, Candidate ▾, Child Admission ▾, Fee Detail, E-Book, Contact Us, and About Us. A large orange star graphic is centered above the navigation. The main content area has a blue header bar with the word "VACANCY". Below it, there are input fields for Designation (T.G.T), Start Date (11-08-2022 12.00.00 AM), and End Date (18-08-2022 12.00.00 AM). A small "PC School Management System" window appears in the center-right, stating "From Will Not Open Date will be expiry" with an "OK" button. The bottom of the screen shows a Windows taskbar with various icons and system status.

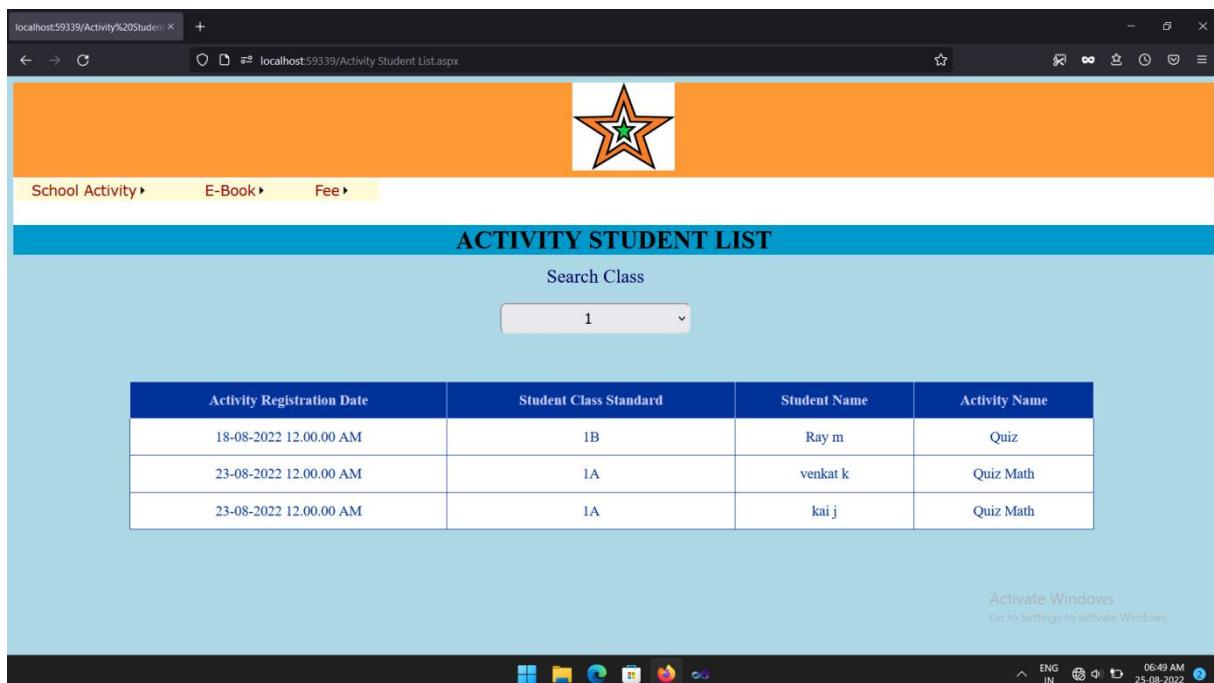
Candidate check vacancy for teacher.

## Add School Activity



Teacher can add school activity for student.

## Activity List



Teacher view activity student list.

## Child Admission List

The screenshot shows a Microsoft Edge browser window displaying the 'Add Student.aspx' page. A modal dialog box in the center-right of the screen displays the message "Successfully Inserted" with an "OK" button. The main table lists student admissions with columns including Student ID, Roll ID, Student Intake, Admission ID, Class ID, Admission Class, Full Name, Email ID, Password, Date of Birth, Mobile Number, Father Name, Mother Name, Photo, and Select Data. The last row shows a new entry with Student ID 20004, Roll ID 5, Intake 10, Admission ID 39777, Class ID 69968, and Full Name Nanu d. A success message is overlaid on this row. At the bottom of the page are "Add" and "Exit" buttons.

**Admin can add student and allocate class as per intake capacity.**

## Add Timetable

The screenshot shows a Microsoft Edge browser window displaying the 'Add Timetable.aspx' page. A modal dialog box in the center-right of the screen displays the message "Data Submitted Successfully" with an "OK" button. The main form allows input for Day Name (Monday), Class Standard (1-A-1), Subject Name (English), Staff Name (alka singh), and Period Name (P1-P1-8:00 AM-9:00 AM). At the bottom of the page are "Submit" and "Refresh" buttons.

**Admin can add subject timetable.**

## Subject Detail

The screenshot shows a web application interface titled "SUBJECT DETAIL". At the top, there is a navigation bar with links: Candidate, Admission, Staff, Student, Expense, Class, Timetable, Vacancy, Subject, and Fee. Below the navigation bar is a table titled "Subject Name" and "Class Standard". The table lists various subjects like English, Maths, Hindi, etc., across different class standards (1, 2, 3). To the right of the table, there are input fields for "Class Name" (set to 1) and "Subject Name" (set to English), along with "Submit" and "Refresh" buttons. A watermark for "Activate Windows" is visible in the background.

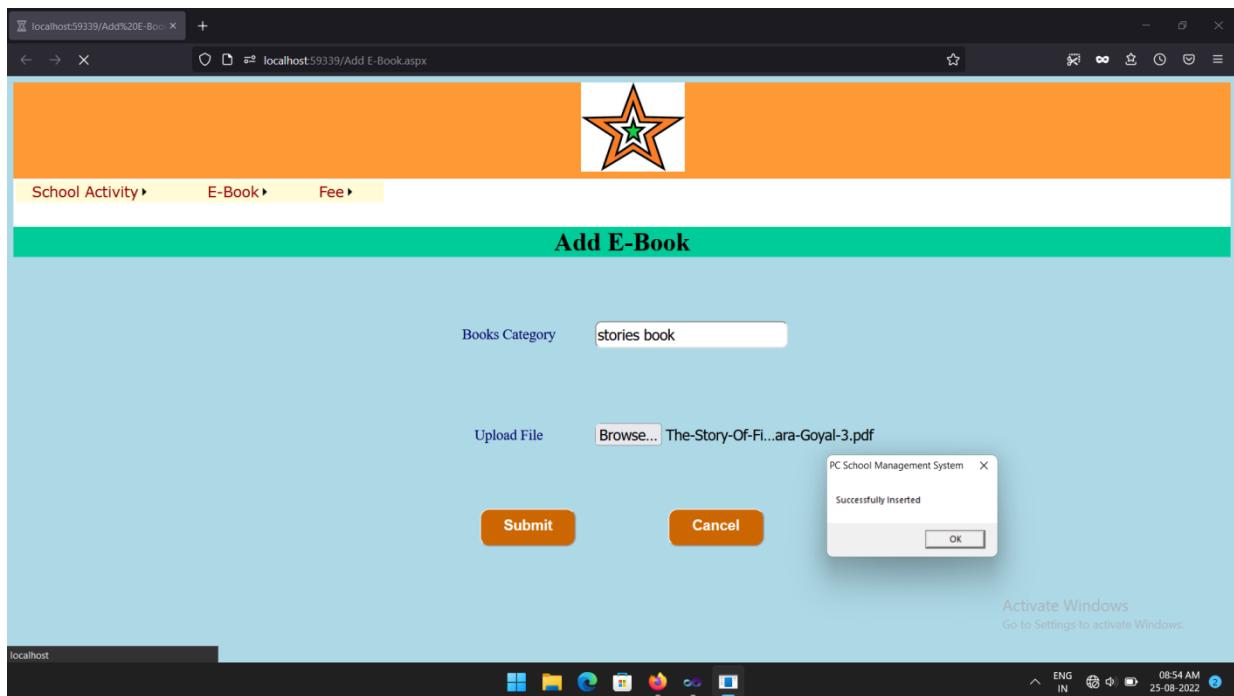
Admin can view subject detail.

## Add Fee Structure

The screenshot shows a web application interface titled "Add Fee Structure". At the top, there is a navigation bar with links: Candidate, Admission, Staff, Student, Expense, Class, Timetable, Vacancy, Subject, and Fee. Below the navigation bar is a form with various input fields for adding fee structure. The fields include "Update Class" (set to 1), "Start Date" (set to 25-08-2022), "Class Name" (set to 1), "End Date" (set to 07-09-2022), "Admission Fee" (set to 500), "Quarterly Period" (set to 4), "ReAdmission Fee" (set to 200), "Quarterly Fee" (set to 3000), "Tuition Fee" (set to 600), "Fee Amount" (set to 3000), "Computer Fee" (set to 300), "Total Fee" (set to 12000), "Development Fee" (set to 100), "Total Month" (set to 12), and "Late Fee" (set to 5). There are "Calculate", "Submit", and "Update" buttons at the bottom. A watermark for "Activate Windows" is visible in the background.

Admin can fee structure for student.

## Add E-book



Teacher can add e-book.

