

THKIT506-Navnee

by

Submission date: 09-May-2022 10:36AM (UTC+0300)

Submission ID: 1831847918

File name: Tanushree_Das_ANI-APR-05052022-1256PM-THKIT506-Navneet-SB2.docx (242.54K)

Word count: 1155

Character count: 5653

Introduction

This is the Student management system in which the application is done based on the requirements of the users. In this the files are stored in the database that would be connected with sql for storing the details. The files would be connected to each other for storing the details for delivering the output of the system. This is based on the student as well as teacher and it is completely based on the details of the users. In this the exam paper is added in the system and it could be updated by the admin at any time and the details are store din form od different tables. This also helps in maintaining the requirements of the system as it could deliver the required data into the given fields.

Implementation

This would describe the implementation covered for ccomplerting the application process tha helps in delivering the requirements of the system with the help of users.

Class Fee structure Faculty Examination Assets Courses Staff Employees Attendance

UserID

Password

Log in

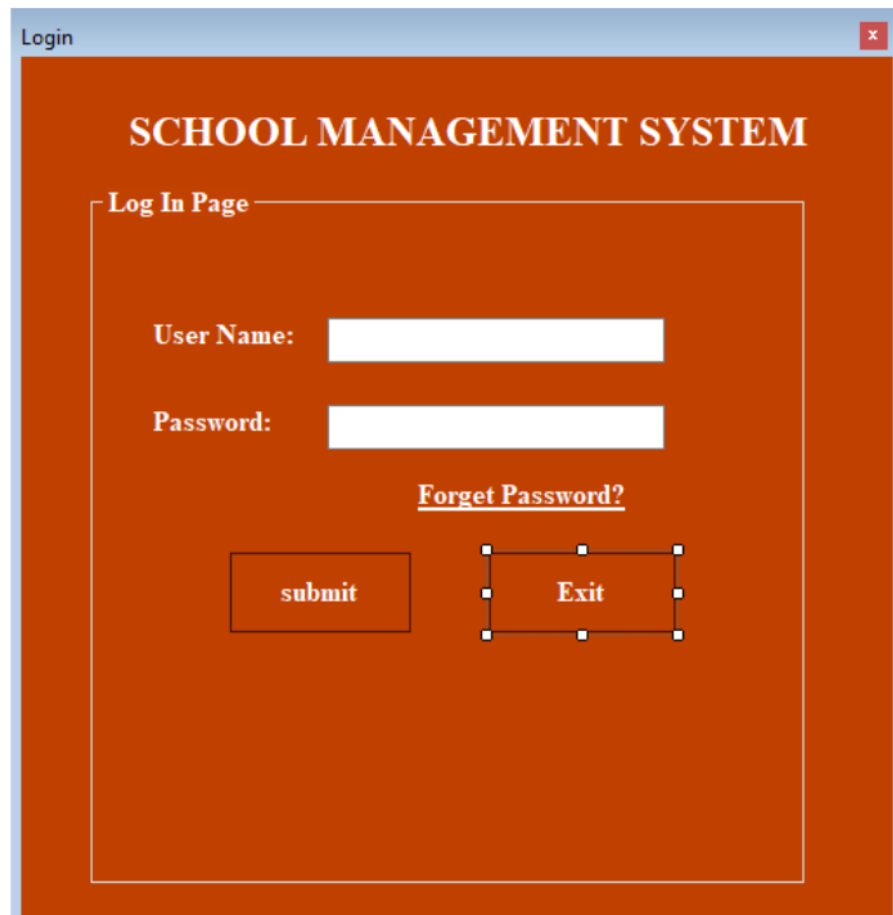
For Creating new ID, click on the below button-->>

Sign up

Figure 1: Prototype

(Source: self)

The above figure describes the prototype that is designed using the files of the entire system. It is describing the login process as well as the complete process of the system.



Login

SCHOOL MANAGEMENT SYSTEM

Log In Page

User Name:

Password:

[Forget Password?](#)

submit Exit

Figure 2: Login page

(Source: self)

In the above figure, the login page of the school management system is given. The login page consists of the user name and password. After entering the user name and password there is a submit option present (Jadhav, and Nandedkar, 2020). There is also an exit option present. The username would their give their user name and password and after filli9ng the required detailed they would be able to the student Mangement system.

The screenshot shows a window titled 'add_assets' with a yellow background. It contains the following fields and controls:

- Type of assests:** A dropdown menu.
- Name:** A text input field.
- Date:** A date picker showing '5/ 7/2022'.
- Total Amount:** A text input field.
- Details:** A large text area for additional information.
- Add Assets:** An orange button at the bottom center.

Figure 3: Assets

(Source: self)

The above figure describes the number of assets added in the system that could be used for the system to enhance its requirements. This also check the complete the requirements of the system.

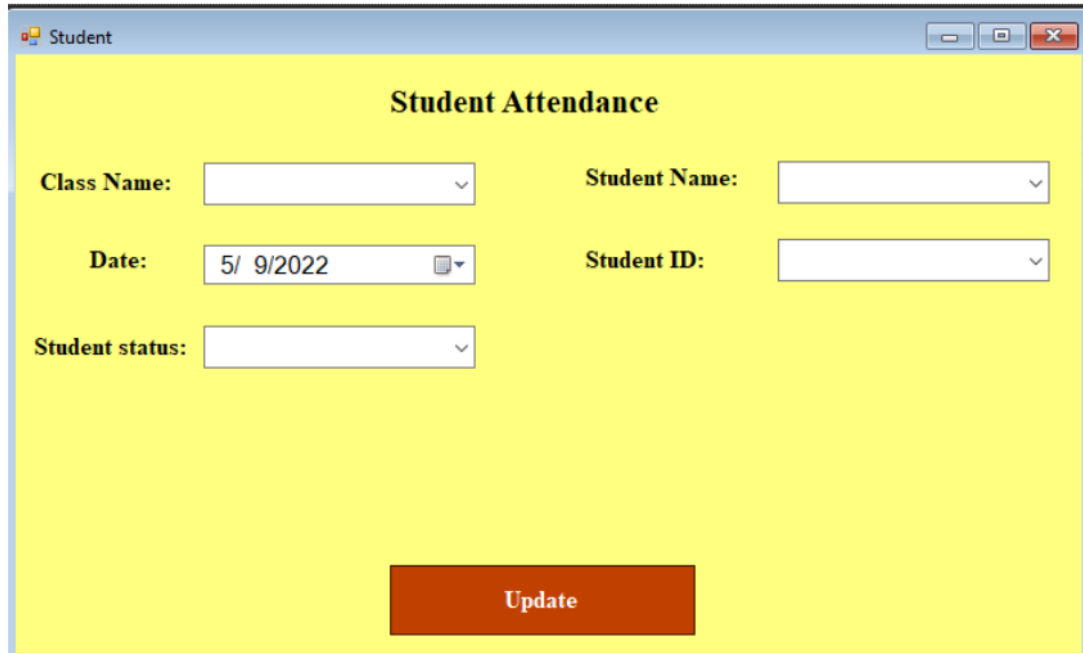
The screenshot shows a window titled 'staff' with a yellow background. It is titled 'Attendance Sheet' and contains the following fields and controls:

- Employee ID:** A dropdown menu.
- Employee Name:** A dropdown menu.
- Date of joining:** A date picker showing '5/ 9/2022'.
- Employee Status:** A dropdown menu.
- Submit:** A brown button at the bottom center.

Figure 4: Attendance sheet

(Source: self)

The above figure describes the attendance sheet of the system. It is important as it checks the availability of the teachers in the system.



Student Attendance

Class Name:

Student Name:

Date:

Student ID:

Student status:

Update

Figure 5: Student Attendance

(Source: self)

The above figure describes the attendance of the students in the system. The teachers get accessed to this function as they check the attendance of the student in the class and they have to keep the record.

The screenshot shows a software window titled "Employee" with a yellow background. The main heading is "Adding New Employee". The form contains the following fields and controls:

- Name:** A text input field.
- Father Name:** A text input field.
- ID:** A text input field with a pattern of underscores and dashes (e.g., _-_-_-_-).
- Mobile No:** A text input field with a pattern of dashes (e.g., _-_-_-_-).
- Date Of Birth:** A date picker showing "5/ 7/2022".
- Join Date:** A date picker showing "5/ 7/2022".
- Address of user:** A text input field.
- Designation:** A text input field.
- Gender:** A text input field.
- Marital Status:** A text input field.
- Add photo:** A button next to a large empty box for a photo.
- Add New Employee:** A large teal button at the bottom center.

Figure 6: Adding a new employee

(Source: self)

The above figure describes the details of adding a new employee in the system. This check the background status of the employee as the are realaeavnt for the job or not. This also check the entire details date of birth, address, marital status befor confirming their employment in the system.

The screenshot shows a window titled "Add_Class" with a yellow background. At the top center, the text "Adding Class" is displayed. Below this, there are five input fields, each preceded by a label: "Name:", "Total Students:", "Chairs required:", "Tables Required:", and "Section Added:". Each label is in bold black text. To the right of each label is a white rectangular input box. In the bottom right corner of the window, there is a red rectangular button with the word "Confirm" in white text. The button has small white squares at its corners, indicating it is a standard UI element. The window has a blue title bar with a red close button in the top right corner.

Figure 7: Adding a new class

(Source: self)

The above figure describes the class is added in the system. In case there is extra requirements for class, from here it can be added in the system.

The screenshot shows a window titled "Add_Exam" with a yellow background. At the top center is the heading "Add New Exam". Below this, there are four input fields: "Type of exam:" (a dropdown menu), "Date:" (a date picker showing "5/ 7/2022"), "Subject:" (a text box), and "Fees Structure:" (a text box). To the right of these fields is a large text area labeled "Details:". At the bottom center is a red button labeled "Add details".

Figure 8: Add exam details

(Source: self)

The above figure describes the details of the exam that are added in the system. This also include the detailed description about the examination fees.

The screenshot shows a window titled "Expense" with a yellow background. At the top center is the heading "Add Expenses". Below this, there are four input fields: "Type of expenses" (a dropdown menu), "Name:" (a text box), "Date:" (a date picker showing "5/ 7/2022"), and "Total Amount:" (a text box). To the right of these fields is a large text area labeled "Details:". At the bottom center is a red button labeled "Submit".

Figure 9: Add expenses

(Source: self)

The above figure describes the total expense that are spenden in the entire months.



The screenshot shows a web application window titled "Add_Fee" with a yellow background. The window contains a form titled "FEE DETAILS". The form has two columns of input fields. The first column includes "Name:" (a dropdown menu), "Current Month:" (a text box), "Discount:" (a text box), "Grand Total:" (a text box), and "Due Balance:" (a text box). The second column includes "Class:" (a dropdown menu), "Last Month:" (a text box), "Total Amount:" (a text box), "Amount Paid:" (a text box), and "Date:" (a date picker showing "5/ 7/2022"). At the bottom center of the form is a large orange "SUBMIT" button.

Figure 10: Fee details

(Source: self)

The above figure describes the fee details of the system. The students as well as the teachers can view the details of the fees.

Notices

Add Notices

Name:

Class:

Date:

Details:

Submit

Figure 11: Notices

(Source: self)

The above figure describes the notices that are generated by the system in case o any issues changed in the system.

Add Paper

Subject Code:

▼

Teacher ID:

▼

Class ID:

▼

Date:

Saturday , May

▼

Add photo

Details:

Submit

Figure 12: Add paper

(Source: self)

The above figure describes the paper that is added for the exam that is going to start in that semester.

The image shows a web application window titled "Parent" with a red close button in the top right corner. The main content area has a yellow background and is titled "Parent Details" in bold black text. Below the title, there are eight input fields arranged in four rows. The first row contains "Name:" and "Email:". The second row contains "ID:" (with a small square icon to its left) and "Mobile No:". The third row contains "Income:" and "Telephone No:". The fourth row contains "Occupation:" and "Status:". Each label is followed by a white rectangular input field. The "ID:" field has a dashed border and contains hyphens. The "Mobile No:" and "Telephone No:" fields also contain hyphens. At the bottom center of the form is a large red button with the word "Submit" in white text.

Name:	<input type="text"/>	Email:	<input type="text"/>
ID:	<input type="text"/>	Mobile No:	<input type="text"/>
Income:	<input type="text"/>	Telephone No:	<input type="text"/>
Occupation:	<input type="text"/>	Status:	<input type="text"/>

Submit

Figure 13: Parent details

(Source: self)

The above figure describes the details of the parents of the students. This is important for the system as it stores the information of the parents so that they can easily get access to them in the required time.

Add Salary

ID:	<input type="text"/>	Name:	<input type="text"/>
Requirements	<input type="text"/>	Month:	<input type="text" value="Monday , May"/>
Date of issue	<input type="text" value="Monday , May"/>	Designation:	<input type="text"/>
Gross Salary:	<input type="text"/>	Deduction:	<input type="text"/>
Allowances:	<input type="text"/>	Basic Salary:	<input type="text"/>

Figure 14: Add salary

(Source: self)

The above figure describes the salary details of the system. This page is showing the details of the asalar ylike the net payable amount and these are stored in form of tables.

Name of Role: Date:

Details:

ID	Name of role	Date	Details

Figure 15: New role

(Source: self)

The above figure describes the new role is added in the system that would be useful for increasing the assets in the company.

Name: Last Name:

User Name: Email:

Password: Confirm Password:

Role :

ID	Name	Last Name	User_Name	Email	Password

Figure 16: New user

(Source: self)

The above figure describes the adding a new user in the system. The users are added and after they can login from the portal by filling i their login craedentials.

The screenshot shows a web form titled "Add New Student" with a yellow background. The form contains several input fields: "Name:" (text), "Father Name-ID:" (dropdown), "Name-ID:" (dropdown), "Address:" (text), "DOB:" (date picker showing "5/ 9/2022"), "Admission Date:" (date picker showing "5/ 9/2022"), "Status:" (text), and "Cell No:" (text with a hyphen). There is a large empty box on the right for a photo, with an "Add photo" button below it. A large "Add Student" button is at the bottom left.

Figure 17: New student

(Source: self)

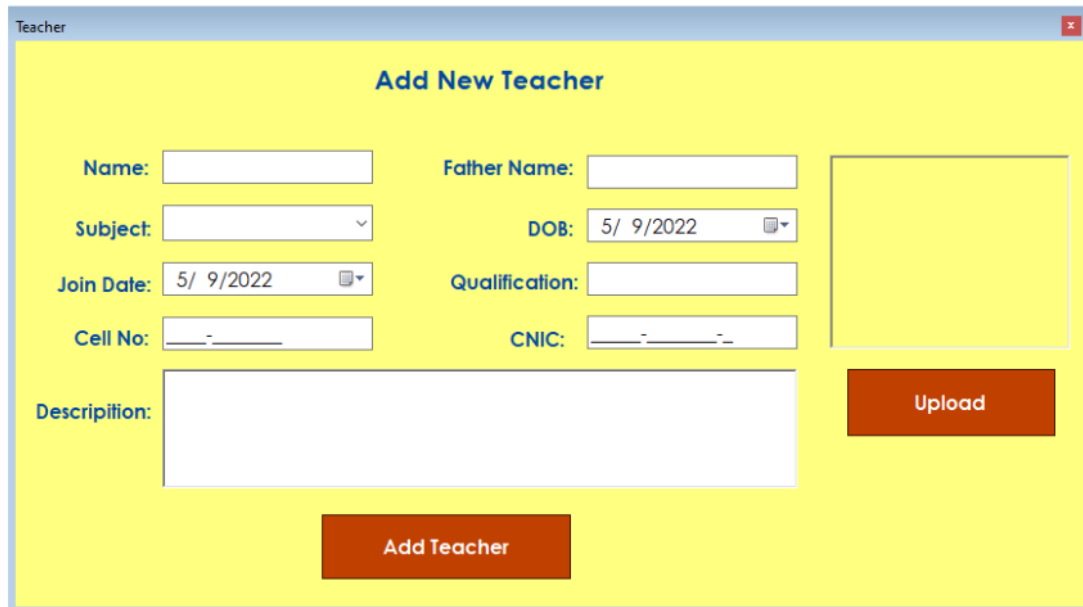
The above figure describes the adding a new student in the class. This helps in generating the requirements in the user as the admin could be able to add a new student in the portal anytime and this would be visible to the student (Qiu, 2018).

The screenshot shows a web form titled "Add New Subject" with a yellow background. The form contains several input fields: "Name:" (text), "Class Name" (dropdown), "Author:" (text), and "Details" (text). There is a large empty box on the right for a photo. A large "Add New Subject" button is at the bottom center.

Figure 18 : add subject

(Source: self)

The above figure describes the adding of a new subject in the system (De Silva, 2021). This form is created for adding a new subject in the system that could be used for delivering the requirements in the system.



The screenshot shows a web application window titled "Teacher" with a yellow background. The main heading is "Add New Teacher". The form contains the following fields and controls:

- Name:** A text input field.
- Father Name:** A text input field.
- Subject:** A dropdown menu.
- DOB:** A date input field showing "5/ 9/2022" with a calendar icon.
- Join Date:** A date input field showing "5/ 9/2022" with a calendar icon.
- Qualification:** A text input field.
- Cell No:** A text input field with a hyphen separator.
- CNIC:** A text input field with a hyphen separator.
- Description:** A large text area.
- Upload:** A red button for uploading a profile picture.
- Add Teacher:** A red button at the bottom center for submitting the form.

Figure 19: Add new teacher

(Source: self)

The above figure describes the values of adding a new teacher in the system. This helps in completing the process for taking new teachers in the system that would be beneficial for the system as it could decrease the stress from other teachers (Onyishi, and Igbinoba, 2021).

The image shows a screenshot of a software application window titled "Add_Test". The window has a yellow background and a blue title bar. The main heading is "Add New Test". Below this, there are four input fields: "Type of test:", "Class ID:", "Subject ID:", and "Date:". The "Date:" field is pre-filled with "5/ 9/2022". Below these fields is a large white rectangular area labeled "Details". At the bottom of the form is a red button labeled "Add Test".

Figure 20: Add test

(Source: self)

The above figure describes the add test form, in this the teacher would be able to add the test for the test (Iyanda, Ninan, and Odejimi, 2018). In this the subject Id is mentioned, type of test and also the subjects, date of exam and details about the exam.

Conclusion

This is the system that is based on Visual Studio where the user could store details in the tables for delivering the requirements in the system. It also helps in generating the requirements based on the data that is stored in the system. It is also very useful for generating the system that could connect the details of the students as well as the teachers for adding their values that could be easier for the system to evaluate the values in the system.

References

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