**Project: School management Web application**

In this project there are 5 types of users (Admin, Moderator, Accountant, Teacher and Student). Every type of user has its own dashboard. Every user need to login using their unique userID. The work of every dashboard is as follow:

**Admin Dashboard**

* **Create user:** new user account will be created using the name, UserID, date of birth, father’s name, mother’s name, personal phone number, guardians phone number, present address, permanent address, user’s picture, birth certificate/NID’s pdf, father’s NID pdf, mother NID pdf and an initial password.
* **Attendance:** There will be a dropdown selection box by which the group will be selected (Example: Staff, class-1, class-2, etc.) then all the user’s information (Roll Number, User ID, Name, Last Day present or absent, today (check box)) of that group will appear into a table of 5 column. At the end there is a submit attendance button to submit today’s checked report. Checked report will be saved as “P” and unchecked will be “A”.
* **Report:** there will be 2 date pickers for setting the range and a apply button by which all the payment between the picked date will be shown along with the student user id, category and amount. At the end there will be a summary of that with the total payment history appeared and total amount.
* **Tuition fees:** there will be a input box to enter the user id, a dropdown selection box to select the bill category, a search button will find the id from the database then if that bill is paid there will be a paid message and if not paid then there will be 3 input box for Amount, Payment Status and Payment Date(automatically pick the current date and can be change), then a submit button. By submitting it the data will be stored in the database.
* **Logout**.

**Moderator Dashboard:**

* **Attendance:** There will be a dropdown selection box by which the group will be selected (Example: Staff, class-1, class-2, etc.) then all the user’s information (Roll Number, User ID, Name, Last Day present or absent, today (check box)) of that group will appear into a table of 5 column. At the end there is a submit attendance button to submit today’s checked report. Checked report will be saved as “P” and unchecked will be “A”.
* **Create user:** new user account (only teacher and student) will be created using the name, UserID, date of birth, father’s name, mother’s name, personal phone number, guardians phone number, present address, permanent address, user’s picture, birth certificate/NID’s pdf, father’s NID pdf, mother NID pdf and an initial password.
* **View Profile:** there is an input box to enter the user id and an apply button to load the information. Moderator can view all user profile except admin. Profile picture, name, roll number and a dropdown selection box to select the result of 1st term, 2nd term or Annul exam is to show. Then the full result of that term will be visible. Result contain Subject, Full Marks, Written, MCQ, Practical, Total, Highest, Letter Grade, Grade Point, Total of Monthly Exam, 20% of Monthly Exam, GPA without Additional Subject, GPA with Additional Subject, Comment, Total Marks, Procured Marks.
* **My profile:** Profile Picture, Name, User ID, Date of Birth, Father's Name, Mother's Name, Guardian's Contact, Present Address, Permanent Address. Then there will be 3 input boxes for changing Password, they are: Current password, New Password, Re-enter New Password. Then a submit button. By submitting the new password will be replaced with the old password in the database and a message will be shown that “Password change successfully”.
* **Logout.**

**Teacher:**

* **Attendance:** There will be a dropdown selection box by which the group will be selected (Example: Class-1, class-2, etc.) except staff. Then all the user’s information (Roll Number, User ID, Name, Last Day present or absent, Today (check box)) of that group will appear in a table of 5 column. At the end there is a submit attendance button to submit today’s checked report. Checked report will be saved as “P” and unchecked will be “A”.
* **Classwork:** Here all the assigned subjects will appear and by clicking on them he can post lessons of that subject. There will be a text box and a post button to post.
* **Result:** an input box for entering student user id then search button. By this the user id, name and roll number will appear, after this the teacher needs to select the class and subject from the selection box(the items will appear based on the classes and subjects assigned to that teacher.) then to enter the mark there will be for input box for Full Marks, Written, MCQ, Practical, Total, Highest, Letter Grade, Grade Point, Total of Monthly Exam of that subject. Then a submit button to save the data to the database.
* **My profile:** Profile Picture, Name, User ID, Date of Birth, Father's Name, Mother's Name, Guardian's Contact, Present Address, Permanent Address. Then there will be 3 input boxes for changing Password, they are: Current password, New Password, Re-enter New Password. Then a submit button. By submitting the new password will be replaced with the old password in the database and a message will be shown that “Password change successfully”.
* **Student Profile:** there is an input box to enter the user id and an apply button to load the information. Profile picture, name, roll number and a dropdown selection box to select the result of 1st term, 2nd term or Annul exam is to show. Then the full result of that term will be visible. Result contain Subject, Full Marks, Written, MCQ, Practical, Total, Highest, Letter Grade, Grade Point, Total of Monthly Exam, 20% of Monthly Exam, GPA without Additional Subject, GPA with Additional Subject, Comment, Total Marks, Procured Marks.
* **Logout.**

**Accountant:**

* **Tuition fees:** there will be a input box to enter the user id, a dropdown selection box to select the bill category, a search button will find the id from the database then if that bill is paid there will be a paid message and if not paid then there will be 3 input box for Amount, Payment Status and Payment Date(automatically pick the current date and can be change), then a submit button. By submitting it the data will be stored in the database.
* **My profile:** Profile Picture, Name, User ID, Date of Birth, Father's Name, Mother's Name, Guardian's Contact, Present Address, Permanent Address. Then there will be 3 input boxes for changing Password, they are: Current password, New Password, Re-enter New Password. Then a submit button. By submitting the new password will be replaced with the old password in the database and a message will be shown that “Password change successfully”.
* **Logout.**

**Student:**

* **Classwork:** The assigned class will be connected to the dashboard and assigned subjects to that class will appear here in the table with columns of Subject and Lesson. Before the table there will be a date picker (loaded with current date) so that the students can check the previous day’s lesson.
* **Attendance:** A dropdown selection box to select the month (current month will be preloaded). Then there will be a calendar like table where the present days will be green and absent will be red filled box. The weekly holydays will be ash colored.
* **Tuition fees:** A table with column consists of Category, Amount, Status (Paid/due), Payment Date (If paid) with the payment records.
* **My profile:** Profile Picture, Name, User ID, Date of Birth, Father's Name, Mother's Name, Guardian's Contact, Present Address, Permanent Address. Then there will be 3 input boxes for changing Password, they are: Current password, New Password, Re-enter New Password. Then a submit button. By submitting the new password will be replaced with the old password in the database and a message will be shown that “Password change successfully”.
* **Logout.**

**Project Folder Content:**

1. **FrontEnd:**

* Represents the user interface using HTML & CSS.

1. **Model-View-Controller (MVC):**

* **Model:** Represents the data using MySQL database.
* **View:** Represents the user interface using HTML & CSS.
* **Controller:** Represents the logic that handles requests, interacts with the model, and prepares data for the view using PHP.

1. **uploads:**
   * Store all the file uploaded while creating a user account.