

LAB ATTENDANCE MANAGEMENT SYSTEM FOR AAC

PROJECT WORK SUBMITTED TO

THE DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

ARUL ANANDAR COLLEGE (AUTONOMOUS)

IN PARTIAL FULFILLMENT OF THE DEGREE OF

BACHELOR OF COMPUTER SCIENCE

By

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DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS

ARUL ANANDAR COLLEGE (AUTONOMOUS)

(Affiliated to Madurai Kamaraj University)

Nationally Re-Accredited by NAAC at “A” Grade

KARUMATHUR-625 514, MADURAI

APRIL-2023

CERTIFICATE

This is to certify that the project titled “**LAB ATTENDANCE MANAGEMENT SYSTEM FOR AAC**” is a bonafide work done by **A. DEEPAKVIJAY, Reg.No: 20CSC112** in partial fulfillment of the requirements for the award of the degree of Bachelor of Computer science and Applications of Madurai Kamaraj University.



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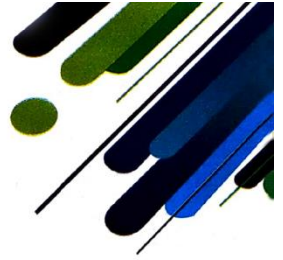
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To
The HOD,
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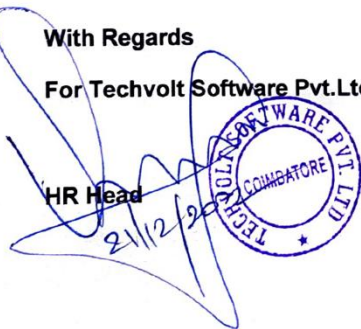
Sub: Permission for Internship

This is to confirm that **Mr.A.Deepak Vijay** Student from **B.Sc (Computer Science)**, **Arul Anandar College, Madurai** has permitted to attend his internship in the field of **"Web Development using Python"** in our company located at Coimbatore from 21st December 2022 onwards for a period of 2 months.

With Regards

For Techvolt Software Pvt.Ltd,

HR Head



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CHAPTER - 1

INTRODUCTION

1. INTRODUCTION

1.1. About the project

Attendance is a basic and most important criteria needed in all the education system. Attendance is used as a record to assess student consistency in participate the class. Therefore, student is required to attend all teaching activities held by the institutions. Once attendance is below the required policy, the student will be subjected to further action or suspended from taking the final exam depend on the respective institutions they are in. This impractical method will lead to fraud on number of absentees by students. Beside, this method also easily allow for impersonation as some student may purposely sign on another student's name.

Besides, lecturer needs to analyze manually every attendance sheet to identify the number of absentees for both lecture and lab classes correspond to subject. Then, lecturer needs to count and calculate percentage of present of all the students manually to identify when warning letter need to be given to the student depend on his or her number of absents without providing any medical certificate or notice. As a result, it is time consuming, increase number of works of the lecturer and prone to human error as it is difficult to as certain whether the calculation made was correct. Moreover, student needs to spend unnecessarily time during class session to sign on the attendance sheet. This also disturbing and student may lose focus when the attendance sheet is passing around during the class session. Therefore, Student Attendance Management System is proposed to help or reduce Teacher's work. This system facilitates to access or manage the attendance information of all the classes. Student by default is assumed to be present as number of present will be higher than the absentees for most of the attendance report. After that, lecturer is allowing to change or modify absentee's attendance data. The system will automatically count the number of absents and the percentage of present for all the students based on the subject classes. Hence, this system provides a tedious work in maintaining attendance records besides saving time to analyze every attendance list and assuring the calculation made was error-free.

Attendance is a basic and most important criteria needed in all the educations ystem. Attendance is used as a record to assess student consistency in participate the class. Therefore, student is required to attend all teaching activities held by the institutions.

1.2 About the company:

I am proposing the project to Arul Anandar college computer science department. For taking attendance in computer lab.

Arul Anandar College is an arts and sciences autonomous college affiliated to Madurai Kamaraj University, situated at Karumathur, Madurai, and administered by the Jesuits.

I developed this project during my internship to Techvolt Software Pvt.Ltd (Coimbatore)

Techvolt Software Pvt.Ltd.,is a Software Development and Digital Marketing Company located in Coimbatore, Techvolt Software involves in the bussiness entity of ERP, CRM Applications. Web Designing. Web Hosting, Web Application Development,Embedded Systems,IoT and Machine Learning.Techvolt Software also provides services on Digital Marketing for business promotion to their clients & customers across India.

CHAPTER - 2

PROBLEM DEFINITION & DESCRIPTION

2. PROBLEM DEFINITION AND DESCRIPTION

2.1.Problem definition

When comes to manual attendance systems, these are traditional systems in which students fill out their attendance sheets manually. Generally, schools, small institutions with a small number of students use this. It is, however, important that such systems are executed fairly. Furthermore, staffs are under a great deal of pressure when collecting data on students' attending hours through these systems. It is necessary to compile the attendance of students while considering their remuneration, compliance, etc. When such tasks are performed manually, however, the chances of human error increase. Manually recording attendance is very time-consuming. As a consequence, performance and productivity can be affected. The manual process of collecting attendance data for all students will also take time. You might also end up spending a lot of time maintaining scorecards, rectifying errors in time entry, and so on.

2.1.Problem description

Based on the observation, there is no available student attendance system in many institutions and universities is still practicing the manual way of taking daily attendance. Lecturer distributes attendance sheet to be signed by student during class session or personally marks the attendance sheet one by one by calling out student name accordingly. However, the attendance sheet can be lost easily and the whole attendance process is tending to human mistake. Consequently, data loss may happen and the data in attendance list might be inaccurate due to deception. Besides, lecturer needs to manually analyze number of absences and calculate the percentage of present from the attendance list collected or recorded. Lecturer needs to identify number of absentees based on each subject with the respective classes that he or she taught. At the end of the semester, lecturer required to calculate the percentage of present of each student to make sure the student can take their final exam for the respective subject.

Therefore, it is time consuming and the result of calculation might go wrong when lecturer missed out some of the data in the attendance record. In addition, lecturer needs to manually write all the details about the attendance data to the appropriate documents when needed. On the other hand, attendance report also needs to be filled in by all the lecturers at the end of the semester based on each subject taught. This is to determine whether all the students met the university or respective institutions' attendance policy before student is allow to take the final exam. However, all the attendance data need to be analyzed manually first before warning letter and attendance report document can be filled in. All this work has indirectly increases lecturers' work. This system developed will reduce the manual work and avoid redundant data. By maintaining the attendance manually, then efficient reports cannot be generated. The system can generate efficient weekly, consolidate report based on the attendance. As the attendances are maintained in registers it has been a tough task for admin and staff to maintain for long time. Instead the software can keep long and retrieve the information when needed.

CHAPTER – 3
SYSTEM ANALYSIS

3. SYSTEM ANALYSIS

3.1.INTRODUCTION

Analysis can be defined as breaking up of any whole so as to find out their nature, function etc. It defines design as to make preliminary sketches of; to sketch a pattern or outline for plan. To plan and carry out especially by artistic arrangement or in a skillful way. System analysis and design can be characterized as a set of techniques and processes, a community of interests, a culture and an intellectual orientation. The various tasks in the system analysis include the following.

- Understanding application.
- Planning.
- Scheduling.
- Developing candidate solution.
- Performing trade studies.
- Performing cost benefit analysis.
- Recommending alternative solutions.
- Selling of the system.

Supervising, installing and maintaining the system. This system manages to the analysis of the report creation and develops manual entry of the student attendance. First design the students entry form , staff allocation forms. This project will helps the attendance system for the department to calculate percentage and reports for eligibility criteria of examination .The web attendance entry system will provide flexible report for all students.

3.2.EXISTING SYSTEM

The Existing system is a manual entry for the students. Here the attendance will be carried out in the hand written registers. It will be a tedious job to maintain the record for the user. The human effort is more here. The retrieval of the information is not as easy as the records are maintained in the hand written registers. This application requires correct feed on input into the respective field. Suppose the wrong inputs are entered, the application resist to work. so the user find it difficult to use.

3.2.1. Disadvantages of Existing system System

- It is necessary to compile the attendance of Students while such tasks are performed manually, however, the chances of human error increase.
- Manually recording attendance is very time-consuming. As a consequence, performance and productivity can be affected. The manual process of collecting attendance data for all students will also take time. You might also end up spending a lot of time maintaining records.

3.3.PROPOSED SYSTEM:

To overcome the drawbacks of the existing system, the proposed system has been evolved. This project aims to reduce the paper work and saving time to generate accurate results from the student's attendance. The system provides with the best user interface. The efficient reports can be generated by using this proposed system.

3.3.1. Advantages of Proposed System

- It is trouble-free to use.
- It is a relatively fast approach to enter attendance
- Is highly reliable, approximate result from user
- Best user Interface
- Efficient reports

3.4. FEASIBILITY STUDY:

Feasibility analysis begins once the goals are defined. It starts by generating broad possible solutions, which are possible to give an indication of what the new system should look like. This is where creativity and imagination are used. Analysts must think up new ways of doing things- generate new ideas. There is no need to go into the detailed system operation yet. The solution should provide enough information to make reasonable estimates about project cost and give users an indication of how the new system will fit into the organization.

It is important not to exert considerable effort at this stage only to find out that the project is not worthwhile or that there is a need significantly change the original goal.

Feasibility of a new system means ensuring that the new system, which we are going to implement, is efficient and affordable. There are various types of feasibility to be determined. They are,

3.4.1. Economical Feasibility:

Development of this application is highly economically feasible. The only thing to be done is making an environment with an effective supervision .It is cost effective in the sense that has eliminated the paper work completely. The system is also time effective because the calculations are automated which are made at the end of the month or as per the user requirement.

3.4.2. Technical feasibility:

The technical requirement for the system is economic and it does not use any other additional Hardware and software. Technical evaluation must also assess whether the existing systems can be upgraded to use the new technology and whether the institution has the expertise to use it. Install all upgrades , supported widows based application. This application depends on internet services , database. Enter their attendance and generate report to excel sheet.

3.4.3 Operational Feasibility:

The system working is quite easy to use and learn due to its simple but attractive interface. User requires no special training for operating the system. Technical performance include issues such as determining whether the system can provide the right information for the Department personnel student details, and whether the system can be organized so that it always delivers this information at the right place and on time using internet services. Acceptance revolves around the current system and its personnel.

3.5. Data Flow Diagram

A data flow diagram is a graphical technique that depicts information flow and transforms that are applied as data move from input to output. The DFD is also known as Data Flow Graphs or Bubble Chart. The DFD is used to represent increasing information flow and functional details. Also DFD can be states as the starting point of the design phase that functionally decomposes the requirements specifications down to the lowest level of detail.

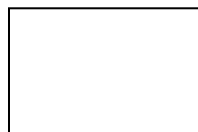
A level zero also called the fundamental system model or a context level DFD that represent the entire software elements as a single bubble with input and output data indicated by incoming and outgoing arrows, respectively. Additional process and information flow parts are represented in the next level, i.e., level 1 DFD. Each of the processes represented at level 1 are sub functions of overall system depicted in the context model. Any processes that at're complex in level 1 will be further represented into sub functions in the next level, i.e., level 2.

Data Flow Diagram is a means of representing a system at any level of detail with a graphic network of symbols showing data flows, data stores, data processes and data sources. The purpose of data flow diagram is to provide a semantic bridge between users and system developers. The diagram is the basis of structured system analysis. A DFD describes what data flows rather than how they are processed, so it does not depend on hardware, software, data structure or file organization.

Components of Data Flow Diagram

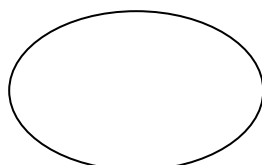
There are four symbols that are used in the drawing of data flow diagrams

- Entities



External entities represent the sources of data that enter the system or the recipients of data that leave the system

- Process



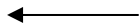
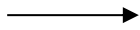
Processes represent activities in which data is manipulated by being stored or retrieved or transformed in some way. A circle represents it. The process will show the data transformation or change.

- Database



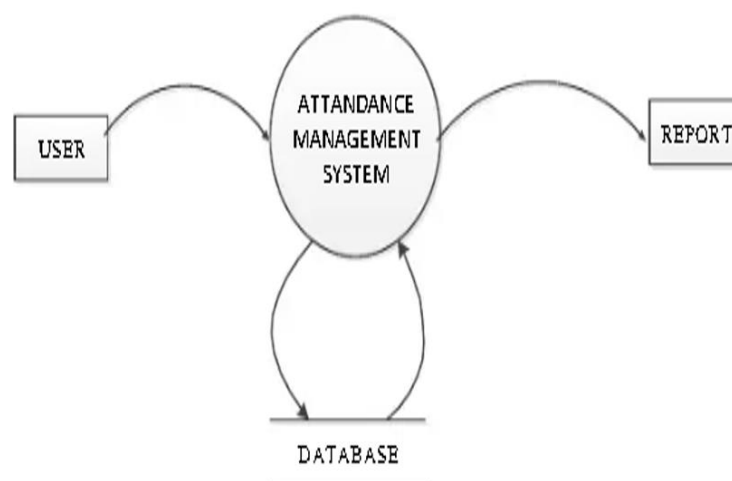
Databases represent storage of data within the system

- Data Flow

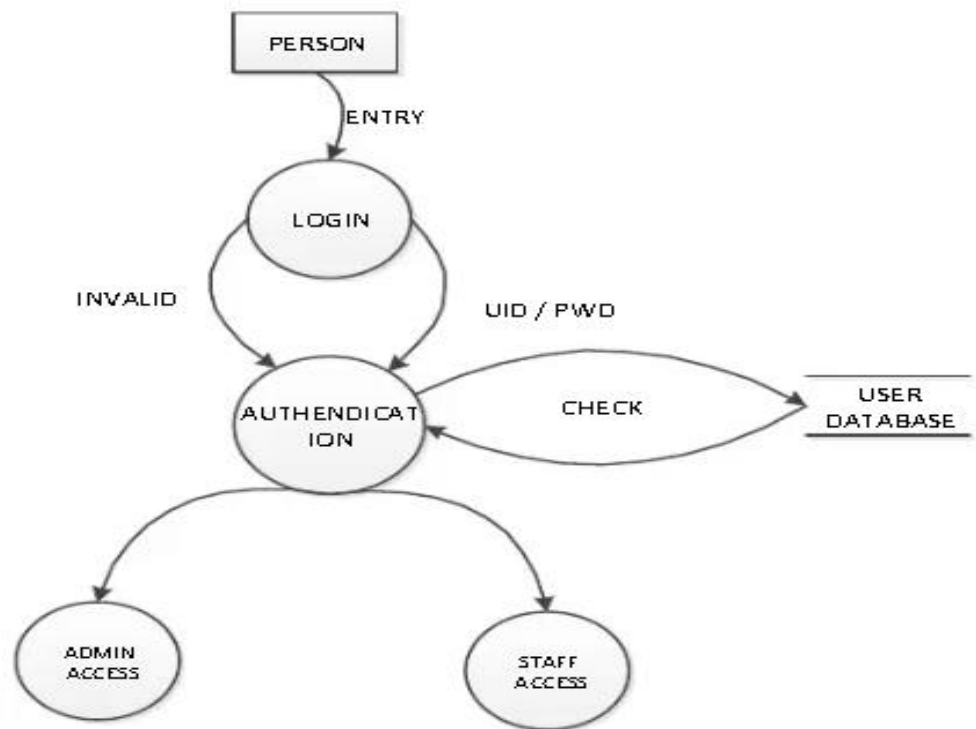


A data flow shows a flow of information from its source to its destination. A line represents a data flow, with arrow heads showing the direction of flow.

3.5.1. DATA FLOW DIAGRAM:



DFD 1

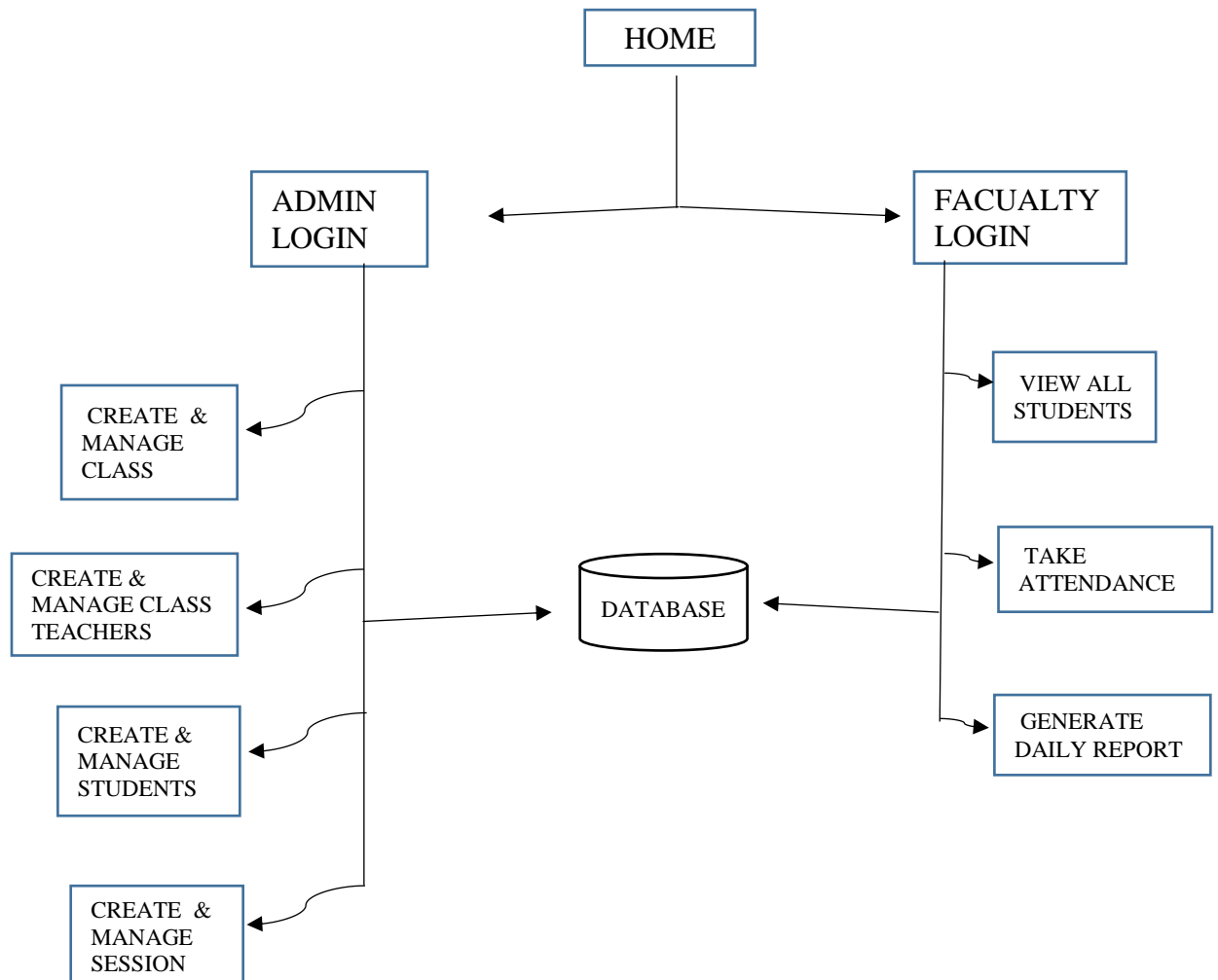


DFD 2

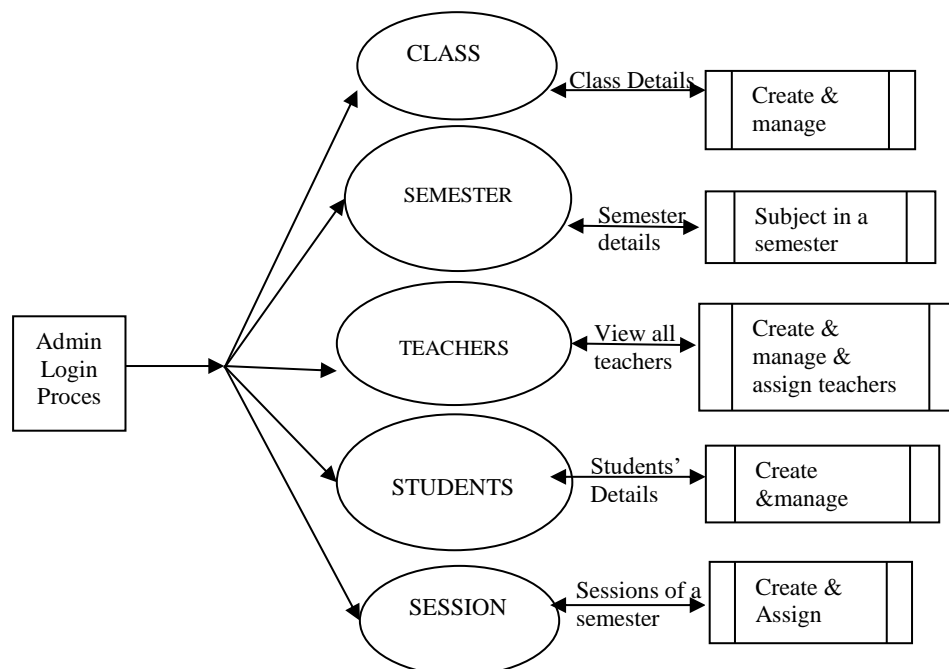
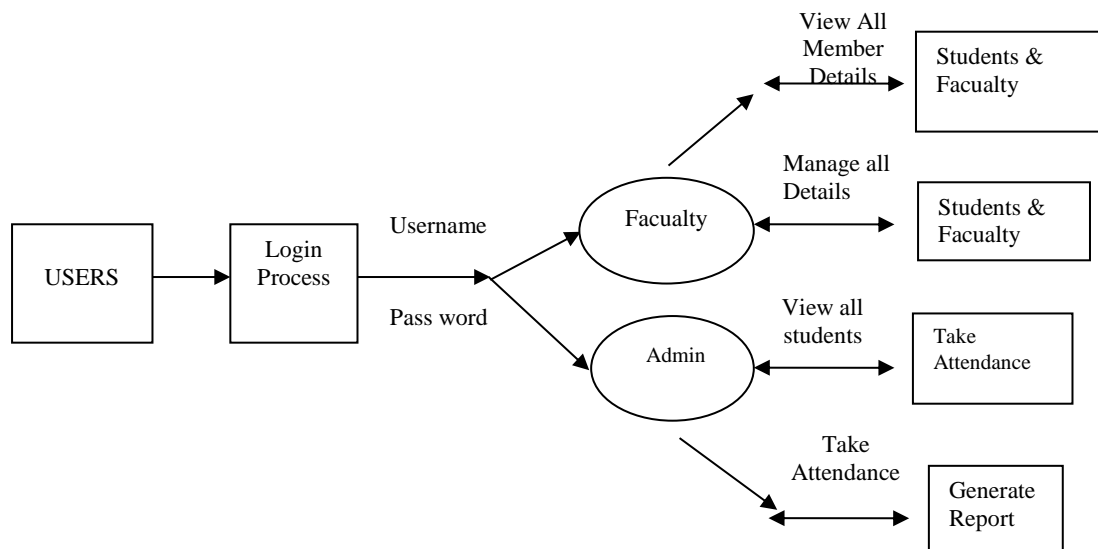
CHAPTER – 4
SYSTEM DESIGN

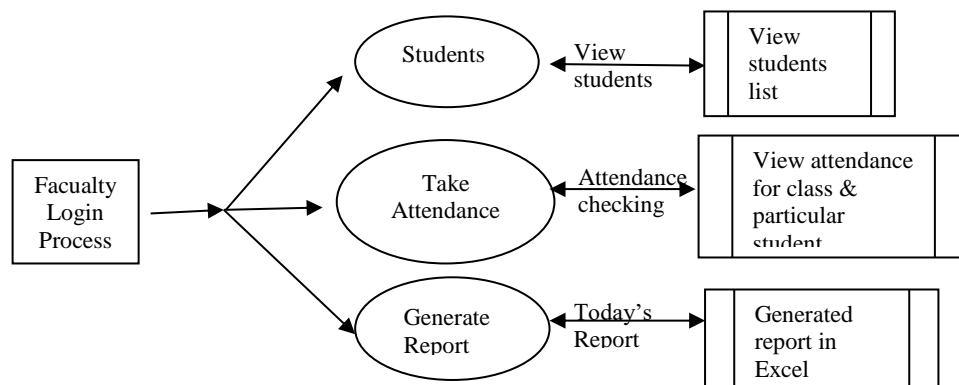
4. SYSTEM DESIGN

4.1. ARCHITECTURAL DESIGN



4.2. MODULE DESIGN





4.3.INPUT DESIGN

Input design is part of overall system design that requires special attention designing input data is to make the data entered easy and free from **errors**. Validation is made for each and every data that is entered. Help information is provided for the users during when the customer feels difficult .Input design is the process of converting the user originated inputs to a computer based format.A system user interacting through a workstation must be able to the system whether to accept the input to produce reports. The collection of input data is considered to be most expensive part of the system design. Since the input has to be planned in such a manner so as to get relevant information, extreme care is taken to obtain pertinent information

4.4.OUTPUT DESIGN

Student Attendance management system” generally refers to the results and information that are generated by the system for many end-users; output is the main reason for developing the system and the basis on which they evaluate the usefulness of the application .The output is designed in such a way that it is attractive, convenient and informative. Forms are designed with various features, which make the console output more pleasing .

As the outputs are the most important sources of information to the users, better design should improve the system's relationships with us and also will help in decision making.

Form design elaborates the way output is presented and the layout available for capturing information. One of the most important factors of the system is the output it produces. This system refers to the results and information generated. Basically the output from a computer system is used to communicate the result of processing to the user. Attendance management system to show the report subject wise attendance maintaining by staffs. Taken as a whole report obtain on a administrator privileges only. This forms will show mass report and individual report generated date, batch, and class wise to our end user.

4.5. NORMALIZATION

Normalization is the process of efficiently organizing data in a database. There are two goals of the normalization process: eliminating redundant data (for example, storing the same data in more than one table) and ensuring data dependencies make sense (only storing related data in a table). Both of these are worthy goals as they reduce the amount of space a database consumes and ensure that data is logically stored.

The Normal Forms

The database community has developed a series of guidelines for ensuring that databases are normalized. These are referred to as normal forms and are numbered from one (the lowest form of normalization, referred to as first normal form or 1NF) through five (fifth normal form or 5NF). In practical applications, you'll often see 1NF, 2NF, and 3NF along with the occasional 4NF. Fifth normal form is very rarely seen and won't be discussed in this article. Before we begin our discussion of the normal forms, it's important to point out that they are guidelines and guidelines only. Occasionally, it becomes necessary to stray from them to meet practical business requirements.

However, when variations take place, it's extremely important to evaluate any possible ramifications they could have on your system and account for possible inconsistencies. That said, let's explore the normal forms.

First Normal Form (1NF)

First normal form (1NF) sets the very basic rules for an organized database:

- Eliminate duplicative columns from the same table.
- Create separate tables for each group of related data and identify each row with a unique column or set of columns (the primary key).

Second Normal Form (2NF)

Second normal form (2NF) further addresses the concept of removing duplicative data:

- Meet all the requirements of the first normal form.
- Remove subsets of data that apply to multiple rows of a table and place them in separate tables.
- Create relationships between these new tables and their predecessors through the use of foreign keys.

Third Normal Form (3NF)

Third normal form (3NF) goes one large step further:

- Meet all the requirements of the second normal form.
- Remove columns that are not dependent upon the primary key.

Fourth Normal Form (4NF)

Finally, fourth normal form (4NF) has one additional requirement:

- Meet all the requirements of the third normal form.
- A relation is in 4NF if it has no multi-valued dependencies.

Remember, these normalization guidelines are cumulative. For a database to be in 2NF, it must first fulfill all the criteria of a 1NF database.

Table Structure :

Admin Table :

#	Name	Type
1	id	int(10)
2	Firstname	varchar(50)
3	Lastname	varchar(50)
4	Emailaddress	varchar(50)
5	Password	varchar(50)

Staffs Table :

#	Name	Type
1	id	int(10)
2	Firstname	varchar(255)
3	Lastname	varchar(255)
4	Emailaddress	varchar(255)
5	Password	varchar(255)
6	Phoneno	varchar(50)
7	classid	varchar(10)
8	semclassid	varchar(50)

Students table :

#	Name	Type
1	id	int(10)
2	Firstname	varchar(255)
3	Lastname	varchar(255)
4	Registerno	varchar(255)
5	Classid	varchar(10)
6	Semclassid	varchar(10)
7	datecreated	varchar(50)

Attendance table :

#	Name	Type
1	Id	int(10)
2	admissionNo	varchar(255)
3	classId	varchar(10)
4	semclassId	varchar(10)
5	sessionId	varchar(10)
6	Status	varchar(10)
7	dateTimeTaken	varchar(20)

Class Table :

#	Name	Type
1	id	int(10)
2	className	varchar(255)

Semester class Table :

#	Name	Type
1	Id	int(10)
2	Classid	varchar(10)
3	Semesterclassname	varchar(255)
4	Isassigned	varchar(10)

Session Table :

#	Name	Type
1	Id	int(10)
2	sessionname	varchar(50)
3	Semesterid	varchar(50)
4	Isactive	varchar(10)
5	Datecreated	varchar(50)

Semesters Table :

#	Name	Type
1	id	int(10)
2	semname	varchar(20)

4.6. SOFTWARE DESCRIPTION

AN INTRODUCTION TO PHP

The past five years have been fantastic in terms of the explosive growth of the Internet and the new ways in which people are able to communicate with one another. Spearheading this phenomenon has been the World Wide Web (WWW), with thousands of new sites being launched daily and consumers being consistently offered numerous outstanding services via this new communications medium. With this exploding market has come a great need for new technologies and developers to learn these technologies. Chances are that if you are reading this paragraph, you are one of these Web developers or are soon to become one. Regardless of your profession, you've picked this book up because you've heard of the great new technology called *PHP*.

This chapter introduces the PHP language, discusses its history and capabilities, and provides the basic information you need to begin developing PHP enabled sites. Several examples are provided throughout, hopefully serving to excite you about what PHP can offer you and your organization. You will learn how to install and configure the PHP software on both Linux/UNIX and Windows machines, and you will learn how to embed PHP in HTML. At the conclusion of the chapter, you will be ready to begin delving into the many important aspects of the PHP language. So light the fire, turn on your favorite jazz album, and curl up on the lazyboy; you are about to learn what will be one of the most exciting additions to your resume: PHP programming.

PHP is best summarized as an embedded server-side Web-scripting language that provides developers with the capability to quickly and efficiently build dynamic Web applications. PHP bears a close resemblance, both syntactically and grammatically, to the C programming language, although developers haven't been shy to integrate features from a multitude of languages, including Perl, Java, and C++. Several of these valuable borrowed features include regular expression parsing, powerful array-handling capabilities, an object-oriented methodology, and vast database support. For writing applications that extend beyond the traditional, static methodology of Web page development (that is, HTML), PHP can also serve as a valuable tool for creating and managing dynamic content, embedded directly beside. Likes of JavaScript, Stylesheets, WML (Wireless Markup Language) and many other useful languages. Providing hundreds of predefined functions, PHP is capable of handling just about anything a developer can dream of Extensive support is offered for graphic creation and manipulation, mathematical calculations, ecommerce, and burgeoning technologies such as Extensible Markup Language (XML), open database connectivity (ODBC), and Macromedia Shockwave.

This vast range of capabilities eliminates the need for the tedious and costly integration of several third-party modules, making PHP the tool of choice for developers worldwide. One of the main strengths of PHP is the fact that because it can be embedded directly alongside HTML code, there is no need to write a program that has many commands just to output the HTML. HTML and PHP can be used interchangeably as needed, working alongside one another in unison. With PHP, we can simply

Do the following:

```
<html>
```

```
<title><? print "Hello world!"; ?></title>
```

```
</html>
```

And Hello world! will be displayed in the Web page title bar. Interestingly, the single line print statement is enclosed in what are commonly known as PHP's escape characters (<?...?>) is a complete program. No need for lengthy prefacing code or inclusion of libraries; the only required code is what is needed to get the job done!

Of course, in order to execute a PHP script, you must first install and configure the PHP software on your server. This process is explained in "Downloading and Installing PHP/Apache," later in this chapter. Immediately preceding that section are a few excerpts from

prominent users testifying to the power of PHP, followed by a detailed synopsis of the language and its history. However, before diving into the installation process, take a moment to read more about the characteristics of PHP that make it such a powerful language. This is the subject of the next section, aptly titled “Characteristics of PHP.”

Characteristics of PHP

As you may have realized, the PHP language revolves around the central theme of practicality. PHP is about providing the programmer with the necessary tools to get the job done in a quick and efficient fashion. Five important characteristics make PHP’s practical nature possible:

- Familiarity
- Simplicity
- Efficiency
- Security
- Flexibility

One final characteristic makes PHP particularly interesting: it’s free!

Familiarity

Programmers from many backgrounds will find themselves already accustomed to the PHP language. Many of the language’s constructs are borrowed from C and Perl, and in many cases PHP code is almost indistinguishable from that found in the typical C or Pascal program. This minimizes the learning curve considerably.

Simplicity

A PHP script can consist of 10,000 lines or one line: whatever you need to get the job done. There is no need to include libraries, special compilation directives, or anything of the sort. The PHP engine simply begins executing the code after the first escape sequence (<?) and continues until it passes the closing escape sequence (?>). If the code is syntactically correct, it will be executed exactly as it is displayed.

Efficiency

Efficiency is an extremely important consideration for working in a multi-user environment such as the WWW. PHP 4.0 introduced resource allocation mechanisms and more pronounced support for object-oriented programming, in addition to session management features. Reference counting has also been introduced in the latest version, eliminating unnecessary memory allocation.

Security

PHP provides developers and administrators with a flexible and efficient set of security safeguards. These safeguards can be divided into two frames of reference: system level and application level.

System-Level Security Safeguards

PHP furnishes a number of security mechanisms that administrators can manipulate, providing for the maximum amount of freedom and security when PHP is properly configured. PHP can be run in what is known as *safe mode*, which can limit users' attempts to exploit the PHP implementation in many important ways. Limits can also be placed on maximum execution time and memory usage, which if not controlled can have adverse affects on server performance. Much as with a cgi-bin folder, administrators can also place restrictions on the locations in which users can view and execute PHP scripts and use PHP scripts to view guarded server information, such as the passwd file.

Application-Level Security Safeguards

Several trusted data encryption options are supported in PHP's predefined function set. PHP is also compatible with many third-party applications, allowing for easy-integration with secure ecommerce technologies. Another advantage is that the PHP source code is not viewable through the browser because the script is completely parsed before it is sent back to the requesting user. This benefit of PHP's server-side architecture prevents the loss of creative scripts to users at least knowledgeable enough to execute a 'View Source'. Security is such an important issue that this book contains an entire chapter on the subject. Please read Chapter 16, "Security," for a thorough accounting of PHP's security features.

Flexibility

Because PHP is an embedded language, it is extremely flexible towards meeting the needs of the developer. Although PHP is generally touted as being used in conjunction solely with HTML, it can also be integrated alongside languages like JavaScript, WML, XML, and many others. Additionally, as with most other mainstream languages, wisely planned PHP applications can be easily expanded as needed. Browser dependency is not an issue because PHP scripts are compiled entirely on the server side before being sent to the user. In fact, PHP scripts can be sent to just about any kind of device containing a browser, including cell phones, personal digital assistant (PDA) devices, pagers, laptops, not to mention the traditional PC. People who want to develop shell-based applications can also execute PHP from the command line. Since PHP contains no server-specific code, users are not limited to a specific and perhaps unfamiliar Web server. Apache, Microsoft IIs, Netscape Enterprise

Server, Stronghold, and Zeus are all fair game for PHP's server integration. Because of the various platforms that these servers operate on, PHP is largely platform independent, available for such platforms as UNIX, Solaris, FreeBSD and Windows 95/98/NT.

INTRODUCTION TO MYSQL

MySQL

MySQL (<http://www.mysql.com>) is a robust SQL database server developed and maintained by T.c.X DataKonsultAB of Stockholm, Sweden. Publically available since 1995, MySQL has risen to become one of the most popular database servers in the world, this popularity due in part to the server's speed, robustness, and

flexible licensing policy. (See note for more information regarding MySQL's licensing strategy.)

Given the merits of MySQL's characteristics, coupled with a vast and extremely easy-to-use set of predefined interfacing functions, MySQL has arguably become PHP's most-popular database counterpart.

Installation

MySQL is so popular among PHP users that support for the db server is automatically built into the PHP distribution. Therefore, the only task that you are left to deal with is the proper installation of the MySQL package.

MySQL is compatible with practically every major operating system, including, among others, FreeBSD, Solaris, UNIX, Linux, and the various Windows versions. While the licensing policy is considerably more flexible than that of other database servers, I strongly suggest taking some time to read through the licensing information found at the MySQL site (<http://www.mysql.com>).

You can download the latest version of MySQL from one of the many worldwide mirrors. A complete listing of these mirrors is at <http://www.mysql.com/downloads/mirrors.html>. At the time of this writing the latest stable version of MySQL was 3.22.32, with version 3.23 in beta. It is in your best interest to always download the latest stable version. Go to the mirror closest to you and download the version that corresponds with your operating system platform. You'll see links at the top of the page pointing to the most recent versions. Be sure to read through the entire page, as several OS-specific downloads are at the conclusion. The MySQL development team has done a great job putting together extensive documentation regarding the installation process.

Configuring MySQL

After a successful installation, it is time to configure the MySQL server. This process largely consists of creating new databases and configuring the MySQL *privilege tables*. The privilege tables control the MySQL database access permissions. Correct configuration of these tables is pivotal to securing your database system, and therefore it is imperative that you fully understand the details of the privilege system before launching your site into a production environment. Although a chore to learn at first, the MySQL privilege tables are extremely easy to maintain once you understand them. A complete introduction to these tables is certainly out of the scope of this book. However, a number of resources available on the Web are geared toward bringing MySQL users up to speed. Check out the MySQL site (<http://www.mysql.com>) for further information. Once you have correctly installed and configured the MySQL distribution, it's time to begin experimenting with Web-based databasing! The next section turns our attention towards exactly this matter, starting with an introduction of PHP's MySQL functionality.

PHP's Predefined MySQL Functions

Once you have created and successfully tested the necessary permissions, you are ready to begin using the MySQL server. In this section, I introduce the predefined MySQL functions, enabling you to easily interface your PHP scripts with a MySQL server. Here is the general order of events that take place during the MySQL server

communications process :

1. Establish a connection with the MySQL server. If the connection attempt fails, display an appropriate message and exit process.
2. Select a database on the MySQL server. If you cannot select the database, display an appropriate message and exit process. It's possible to simultaneously have several databases open for querying.
3. Perform necessary queries on selected database(s).
4. Once the querying is complete, close the database server connection.

If you would like to follow along with these examples, I suggest going back and creating them now. Alternatively, make a copy of the pages so you do not have to continuously flip back and forth. With that said, let's begin at the beginning, that is, how to connect to the MySQL database server.

mysql_connect()

The function `mysql_connect()` is used to establish an initial connection with the MySQL server. Once a successful connection is established, a database residing on that server can be selected.

The syntax is:

```
int mysql_connect([string hostname [:port] [:/path/to/socket] [, string username] [, string password])
```


The *hostname* is the name of the host as listed in the MySQL server privilege tables. Of course, it is also used to direct the request to the Web server hosting the MySQL server, since it is possible to connect to a remote MySQL server. An optional *port* number can be included along with the host, in addition to an optional path to a socket when a local host is specified. Both the *username* and *password* input parameters should correspond to the username and password, respectively, as specified in the MySQL server privilege tables. Note that all of the input parameters are optional,

since the privilege tables can be loosely configured to accept a nonauthenticated connection. If the *hostname* parameter is empty, `mysql_connect()` attempts to connect to the local host.

An example connection call follows: `@mysql_connect("localhost", "web", "4tf9zzzf")` or `die("Could not connect to MySQL server!");` In this case, `localhost` is the server host, `web` is the username, and `4tf9zzzf` is the password.

The `@` preceding the `mysql_connect()` function will suppress any error message that results from a failed attempt, instead producing the custom one specified in the `die()` call. Note that no value is returned from the `mysql_connect()` call.

Now, `$link1` and `$link2` can be called as needed in subsequent queries. You will soon learn exactly how these link IDs are used in queries to specify the **intended server**.

mysql_select_db()

Once a successful connection is established with the MySQL server, a database residing on that server can be selected. This is accomplished with `mysql_select_db()`.

NOTE The function `mysql_pconnect()` offers persistent connection support. In multiuser environments, `mysql_pconnect()` is recommended over `mysql_connect()` as a means for conserving system resources. The `mysql_pconnect()` input and return parameters are exactly the same as in `mysql_connect()`.

The input parameter `database_name` should be selected and assigned an identification handle (returned by `mysql_select_db()`). Note that the input parameter `link_id` is optional. This is true only when just a single MySQL server connection is open. When multiple connections

are open, `link_id` must be specified. An example of how a database is selected using `mysql_select_db()` follows:

If there is only one database selection, there is no need to return a database ID. However, as with `mysql_connect()`, when multiple databases are open, the database ID must be returned so there is a way to specify exactly which database you would like to perform a query on; otherwise the most recently *opened* link is used.

mysql_close()

Once you have finished querying the MySQL server, you should close the connection. The function `mysql_close()` will close the connection corresponding to the optional input parameter `link_id`. If the `link_id` input parameter is not specified, `mysql_close()` will close the most recently opened link. The syntax is:

The input parameter `query` corresponds to an SQL query. This query is sent either to the server connection corresponding to the last opened link or to the connection specified by the optional input parameter `link_id`.

People often mistakenly think that the `mysql_query()` function returns the results of the query. This is not the case. Depending on the type of query, `mysql_query()` has different outcomes. In a successful `SELECT` SQL statement, a result ID is returned that can subsequently be passed to `mysql_result()` so the selected data can be formatted and displayed to the screen. If the query fails, `FALSE` is returned. The function `mysql_result()` is introduced later in this section. Furthermore, the number of rows that have been selected can be determined by executing `mysql_num_rows()`. This function is also introduced later in this section. In the case of SQL statements involving `INSERT`, `UPDATE`, `REPLACE`, or `DELETE`, the function `mysql_affected_rows()` can be called to determine how many rows were affected by the query. (The function `mysql_affected_rows()` is introduced next.) With that said, I will delay presenting an example until the `mysql_result()` and `mysql_affected_rows()` functions are introduced.

mysql_pconnect().

TIP If you are concerned that you are using up too much memory when making various query calls, call the predefined PHP function `mysql_free_result()`. This function, which takes as input the `result_id` returned from `mysql_query()`, will free up all memory associated with that query call.

Notice that the input parameter `link_id` is optional. If it is not included, `mysql_affected_rows()` attempts to use the last opened `link_id`. Consider the following

This will not work for queries involving a `SELECT` statement. To determine the number of rows returned from a `SELECT`, use the function `mysql_num_rows()` instead. This function is introduced next.

mysql_num_rows()

The function `mysql_num_rows()` is used to determine the number of rows returned from a `SELECT` query statement.

its syntax is:

```
int mysql_num_rows (int result)
```

A usage example of `mysql_num_rows()` follows:

mysql_result()

The function `mysql_result()` is used in conjunction with `mysql_query()` (when a `SELECT` query is involved) to produce a data set.

Its syntax is:

```
int mysql_result (int result_id, int row [, mixed field])
```

The input parameter `result_id` refers to a value returned by `mysql_query()`.

Following:

- Field offset in the table.
- Field name specified in dot format. Dot format is simply another way to specify the field name, specified as `fieldname. tablename`.

CHAPTER – 5

IMPLEMENTATION

5. IMPLEMENTATION

System implementation is the important stage of project when the theoretical design is tuned into practical system. The main stages in the implementation are as follows:

- Planning
- Training
- System testing
- Changeover Planning. Planning is the first task in the system

Implementation . At the time of implementation of any system people from different departments and system analysis involve. They are confirmed to practical problem of controlling various activities of people outside their own data processing departments. The line managers controlled through an implementation coordinating committee. The committee considers ideas, problems and complaints of user department, it must also consider:

- The implication of system environment
- Self selection and allocation for implementation tasks
- Consultation with unions and resources available
- Standby facilities and channels of communication Student

Attendance management system will implement student details ,staff handle subjects details, separate login details ,time table details. It will used to entered subject wise attendance .This application elaborate attendance table generate weekly, consolidate report provide to the End user. Mostly this application will calculate date wise attendance. To select starting date to end date generate reports at the time of activities.

CHAPTER – 6

TESTING

6. TESTING

System testing is the stage of implementation, which aimed at ensuring that the system works accurately and efficiently before the live operation commences. Testing is the process of executing a program with the intent of finding an error. A good test case is one that has a high probability of finding a yet undiscovered error. A successful test is one that answers a yet undiscovered error.

Testing is vital to the success of the system. System testing makes a logical assumption that if all parts of the system are correct, the goal will be successfully achieved. The candidate system is subject to variety of tests-on-line response, Volume Street, recovery and security and usability test. A series of tests are performed before the system is ready for the user acceptance testing. Any engineered product can be tested in one of the following ways. Knowing the specified function that a product has been designed to from, test can be conducted to demonstrate each function is fully operational. Knowing the internal working of a product, tests can be conducted to ensure that “al gears mesh”, that is the internal operation of the product performs according to the specification and all internal components have been adequately exercised.

6.1 Unit Testing

Unit testing is the testing of each module and the integration of the overall system is done. Unit testing becomes verification efforts on the smallest unit of software design in the module. This is also known as ‘module testing’. The modules of the system are tested separately. This testing is carried out during the programming itself. In this testing step, each model is found to be working satisfactorily as regard to the expected output from the module. There are some validation checks for the fields. For example, the validation check is done for verifying the data given by the user where both format and validity of the data entered is included. It is very easy to find error and debug the system.

6.2 Integration Testing

Data can be lost across an interface, one module can have an adverse effect on the other sub function, when combined, may not produce the desired major function. Integrated testing is systematic testing that can be done with sample data. The need for the integrated test is to find the overall system performance. There are two types of integration testing. They are:

- Top-down integration testing.
- Bottom-up integration testing.

6.3 White box testing

White Box testing is a test case design method that uses the control structure of the procedural design to drive cases. Using the white box testing methods, we derived test cases that guarantee that all independent paths within a module have been exercised at least once.

6.4 Black box testing

- Black box testing is done to find incorrect or missing function
- Interface error
- Errors in external database access
- Performance errors
- Initialization and termination errors

In 'functional testing', is performed to validate an application conforms to its specifications of correctly performs all its required functions. So this testing is also called 'black box testing'. It tests the external behavior of the system. Here the engineered product can be tested knowing the specified function that a product has been designed to perform, tests can be conducted to demonstrate that each function is fully operational.

CHAPTER – 7

INSTALLATION

7. INSTALLATION

7.1. HARDWARE REQUIREMENTS

The Below Hardware Configuration were used in both Server and Client machines when developing.

Laptop	: hp EliteBook 8470p
Processor	: Intel(R) Core(TM) 6-3340M CPU @ 2.70GHz
Installed memory (RAM)	: 6.00 GB
System type	: 64-bit Operating System, x64-based processor
SSD	: 500 GB

7.2. SOFTWARE REQUIREMENT

The Below Software Configuration were used in machines when developing.

SERVER

Operating System	:	Windows 10 / 11
Technology Used	:	HTML , CSS , Javascript (Designing) Php (Server side scripting)
Database	:	MySQL
Database Connectivity	:	Native Connectivity
Web Server	:	Apache
Browser	:	Chrome / Microsoft Edge

CLIENT

Operating System	:	Windows 10 / 11
Browser	:	Chrome / Microsoft Edge

CHAPTER – 8

MAINTENANCE

8. MAINTENANCE

The maintenance phase of the software cycle is the time in which software performs useful work. After a system is successfully implemented, it should be maintained in a proper manner. System maintenance is an important aspect in the software development life cycle. The need for system maintenance is to make adaptable to the changes in the system environment. There may be social, technical and other environmental changes, which affect a system which is being implemented. Software product enhancements may involve providing new functional capabilities, improving user displays and mode of interaction, upgrading the performance characteristics of the system. So only thru proper system maintenance procedures, the system can be adapted to cope up with these changes. Software maintenance is of course, far more than “finding mistakes”.

Corrective Maintenance

The first maintenance activity occurs because it is unreasonable to assume that software testing will uncover all latent errors in a large software system. During the use of any large program, errors will occur and be reported to the developer. The process that includes the diagnosis and correction of one or more errors is called Corrective Maintenance.

Adaptive Maintenance

The second activity that contributes to a definition of maintenance occurs because of the rapid change that is encountered in every aspect of computing. Therefore Adaptive maintenance termed as an activity that modifies software to properly interfere with a changing environment is both necessary and commonplace.

Perceptive Maintenance

The third activity that may be applied to a definition of maintenance occurs when a software package is successful. As the software is used, recommendations for new capabilities, modifications to existing functions, and general enhancement are received from users. To satisfy requests in this category, Perceptive maintenance is performed. This activity accounts for the majority of all efforts expended on software maintenance.

Preventive Maintenance

The fourth maintenance activity occurs when software is changed to improve future maintainability or reliability, or to provide a better basis for future enhancements. Often called preventive maintenance, this activity is characterized by reverse engineering and re-engineering techniques

CHAPTER – 9

APPLICATION

9. APPLICATION

1. No Fuss In Workflow Management :

- One of the biggest advantages of an attendance management system is the ease of workflow management. With the proper workflow set in place, the user can have clear visibility of attendance with almost no communication at all.
- Time-consuming activities can be monitored and assigned with the help of a few clicks. Furthermore, an attendance management system can also provide a workflow for allocating assets and other productive resources.

2. Paperless Work Environment :

- With the help of an attendance management system, you will be able to cut down your paper trail. A paperless work environment is a very crucial aspect of corporate responsibility.
- Therefore, all your Core activities will be automated and taken care of through hosting servers. A cloud-based attendance management system will also help you in cutting down the overall cost of resources.

3. Reliable Data :

- A central attendance management system will always provide you with accurate data. Therefore, with the help of an attendance management system, you can eliminate the cost and inevitability of human errors and focus on efficiency and productivity.
- A central attendance system keeps track of the data in real time thus reducing the risk of time theft. Moreover, it will also help in making sure that no users takes advantage of corporate policies by logging in for incorrect hours.

4. Easy Access To Reports :

- Data is king. Therefore, you need to have accurate data to analyze process, in the same way, you need accurate data to monitor your entites. With the help of an online system, you can generate reports related to attendance, overtime, etc. All reports of your organization's usrs activities will be and you can access them with just a few clicks.

5. Easy Integration :

- You can easily integrate a central attendance system with devices that you might have at your workplace like desktops , laptops, even your mobile phone. This will eliminate the task of manual entry of attendance and in turn, help you save tons of man hours.

CHAPTER – 10

CONCLUSION

10. CONCLUSION

In this work , the web based attendance management system is developed using PHP server-side scripting language and CSS,HTML ,JavaScript for designing which is fully meet the system's goals. This system overcome many limitations incorporated in attendance, this system saves a great amount of time and reduces errors which may occur during attendance calculation. The system I have developed is fully responsive which can be used in mobile, tablets and different operating systems. Some other benefits are

- Automated and web-based for easy accessibility
- It is a dynamic and flexible system
- It excludes paperwork and the possibility of making mistakes while using paper for taking attendance
- It is very user friendly and handy
- The records of current and previous can be available in prompt and an immediate.

Future work

I will make some future improvement in my project by making this as Biometric Attendance System in order to make more advanced and increase its reliability and effectiveness. Biometrics is automated technique of identifying a person behavioral or physiological characteristic. A fingerprint scanner has two basic tasks which are,

- It requires to get an image of a person finger.
- It requires identifying and diagnosing that whether the pattern of ridges and valleys in current image matches the pattern of ridges and valleys of previous scanned images. 29 Unique characteristics of every fingerprint are filtered and saved as a mathematical representation. The image of fingerprint will not be saved, only sequence (series) of binary code, that is used for verification is saved the algorithm can't be transformed to an image, so no one can duplicate any one's fingerprints

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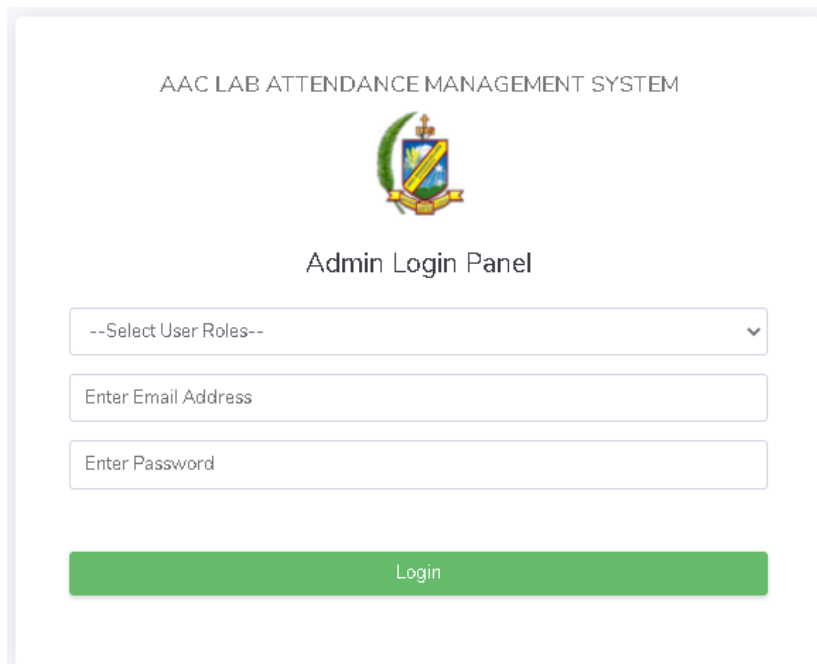
MYSQL

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- www.softwaretrainingtutorials.com/mysql-2005.php


12. APPENDICES

12.1. SCREENSHOTS:

Login page :



AAC LAB ATTENDANCE MANAGEMENT SYSTEM



Admin Login Panel

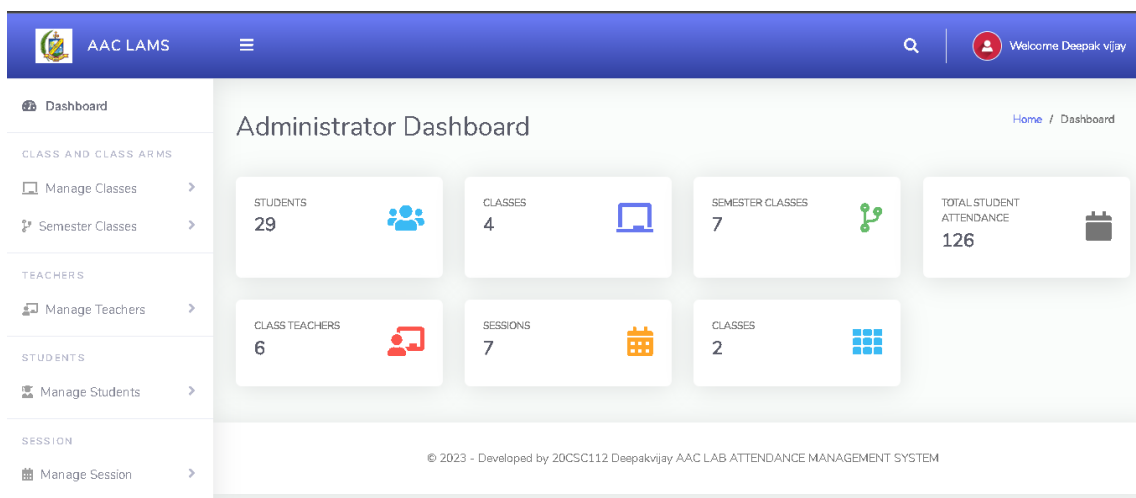
--Select User Roles--

Enter Email Address

Enter Password

Login

Admin Dashboard :



AAC LAMS

Welcome Deepak vijay

Administrator Dashboard

Home / Dashboard

Category	Item	Count
CLASS AND CLASS ARMS	STUDENTS	29
	CLASSES	4
	SEMESTER CLASSES	7
	TOTAL STUDENT ATTENDANCE	126
TEACHERS	CLASS TEACHERS	6
	SESSIONS	7
STUDENTS	CLASSES	2
	MANAGE STUDENTS	
SESSION	MANAGE SESSION	

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Create & manage class :

Create Class

Class Name *

Class Name

Save

All Classes

Show 10 entries

Search:

#	Class Name	Edit	Delete
1	1st mca	Edit	Delete
2	1st CSC	Edit	Delete
3	2nd CSC	Edit	Delete
4	3rd CSC	Edit	Delete

Showing 1 to 4 of 4 entries

Previous 1 Next

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Create & manage semester :

Create Semester Classes

Semester Classes

Select Class *

Class Arm Name *

--Select Class--

Semester Class Name

Save

All Semester Classes


Show 10 entries




Search:

#	Class Name	Semester Classes Name	Status	Edit	Delete
1	2nd CSC	4th sem	Assigned	Edit	Delete
2	2nd CSC	3rd sem	Assigned	Edit	Delete

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Create & manage teachers :

 AAC LAMS



 Welcome Deepthi

Dashboard

CLASS AND CLASS ARMS

Manage Classes

Semester Classes

TEACHERS

Manage Teachers

STUDENTS

Manage Students

SESSION

Manage Session

Create Class Teachers

[Home](#) / Create Class Teachers

Create Class Teachers

Firstname *

Lastname *

Email Address *

Phone No *

Select Class *

--Select Class--

Semester Class *

Save



All Class Teachers

Show


10


entries


Search:


#	First Name	Last Name	Email Address	Phone No	Class	Class Arm	Date Created	Delete
1	juliet	shanthi	julietshanthi@aacnli.edu.in	9944121331	1st CSC	2nd sem	2023-03-02	
2	justin	kennedy	justinkennedy@gmail.com	09944121331	2nd CSC	3rd sem	2023-03-13	

Create & manage Students :

 AAC LAMS





 Welcome Despak Vicky

Dashboard

CLASS AND CLASS ARMS

Manage Classes

Semester Classes

TEACHERS

Manage Teachers

STUDENTS

Manage Students

SESSION

Manage Session

Create Students

[Home](#) / [Create Students](#)

Create Students

Firstname *

Lastname *

SUB code *

Roll Number *

Select Class *

--Select Class--

Class Arm *

Save





All Student

Show

10

entries

Search:

#	First Name	Last Name	SUB code	Admission No	Class	Class Arm	Date Created	Edit	Delete
1	harish	susai	c++	22csc118	1st CSC	2nd sem	2023-03-02		
2	ruben	roy		22csc137	1st CSC	2nd sem	2023-03-02		

Create & manage Session :

AAC LAMS

Welcome Deepak vijay

Dashboard

CLASS AND CLASS ARMS

Manage Classes

Semester Classes

TEACHERS

Manage Teachers

STUDENTS

Manage Students

SESSION

Manage Session

Create Session

Home / Create Session

Create Session

Session Name *

class *

Session

--Select classes--

Save

All Session

Note: Click on the check symbol besides each to make session and term active!

Show

Search:

10

entries

#	Session	Class	Status	Date	Activate	Edit	Delete
1	java	odd	InActive	2023-03-04	✓		
2	c++	odd	InActive	2023-03-02	✓		

Teacher's Dashboard :

AAC LAMS

Welcome juliet shanthi

Dashboard

STUDENTS

Manage Students

ATTENDANCE

Manage Attendance

Class Teacher Dashboard (1st CSC - 2nd sem)

Home / Dashboard

STUDENTS

3

CLASSES

4

SEMESTERS


7


TOTAL STUDENT ATTENDANCE


21


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View all students :

 AAC LAMS





 Welcome juliet shanthi

Dashboard

STUDENTS

Manage Students >

ATTENDANCE

Manage Attendance >

All Student in (1st CSC - 2nd sem) Class

Home / All Student In Class

All Student In Class

Show 10 entries

Search:


#	First Name	Last Name	Other Name	Admission No	Class	Class Arm
1	harish	susai	c++	22csc118	1st CSC	2nd sem
2	ruban	roy		22csc137	1st CSC	2nd sem
3	zenith	zenith		22csc160	1st CSC	2nd sem


Showing 1 to 3 of 3 entries


Previous 1 Next


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Take attendance :

 AAC LAMS





 Welcome juliet shanthi

Dashboard

STUDENTS

Manage Students >

ATTENDANCE

Manage Attendance >

Take Attendance (Today's Date : 04-02-2023)

Home / All Student In Class

All Student in (1st CSC - 2nd sem) Class


Note: Click on the checkboxes besides each student to take attendance!

#	First Name	Last Name	Other Name	Roll No	Class	Class Arm	Check
1	harish	susai	c++	22csc118	1st CSC	2nd sem	<input checked="" type="checkbox"/>
2	ruban	roy		22csc137	1st CSC	2nd sem	<input type="checkbox"/>
3	zenith	zenith		22csc160	1st CSC	2nd sem	<input checked="" type="checkbox"/>

Take Attendance

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View class attendance :

 AAC LAMS

☰

🔍

👤 Welcome Juliet shanthi

Dashboard

STUDENTS

Manage Students

ATTENDANCES

Manage Attendance

View Class Attendance

Home / View Class Attendance

View Class Attendance

Select Date *

[View Attendance](#)

Class Attendance

Show
10
entries


Search:

#	First Name	Last Name	Other Name	Admission No	Class	Class Arm	Session	Term	Status	Date
1	harish	susai	c++	22csc118	1st CSC	2nd sem	dotnet	odd	Present	2023-04-02
2	ruban	roy		22csc137	1st CSC	2nd sem	dotnet	odd	Absent	2023-04-02
3	zenith	zenith		22csc160	1st CSC	2nd sem	dotnet	odd	Present	2023-04-02

Showing 1 to 3 of 3 entries

[Previous](#) [1](#) [Next](#)

View student's attendance :

 AAC LAMS

☰

🔍

👤 Welcome Juliet shanthi

Dashboard

STUDENTS

Manage Students

ATTENDANCES

Manage Attendance

View Student Attendance

Home / View Student Attendance

View Student Attendance

Select Student *
--Select Student--
[View Attendance](#)

Type *
--Select--

Class Attendance

Show
10
entries

Search:

#	First Name	Last Name	Other Name	Admission No	Class	Class Arm	Session	Term	Status	Date
1	harish	susai	c++	22csc118	1st CSC	2nd sem	dotnet	odd	Present	2023-04-02

Showing 1 to 1 of 1 entries

[Previous](#) [1](#) [Next](#)

Report Generation :

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PAGE LAYOUT


FORMULAS

DATA


REVIEW

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

























































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#

#	First Name	Last Name	SUB code	Register No	Class	Semester	Session	Sem	Status	Date
1	harish	susai	c++	22csc118	1st CSC	2nd sem	dotnet	odd	Present	02/04/2023
2	ruban	roy		22csc137	1st CSC	2nd sem	dotnet	odd	Absent	02/04/2023
3	zenith	zenith		22csc160	1st CSC	2nd sem	dotnet	odd	Present	02/04/2023

12.2. SOURCE CODE :

Login page :

```
<?php
include 'Includes/dbcon.php';
session_start();
?><!DOCTYPE html>
<html lang="en">
<head> <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">
    <link href="img/logo/atnlg.jpg" rel="icon">
    <title>AACLAMs - Login</title>
    <link href="vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">
    <link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet" type="text/css">
    <link href="css/ruang-admin.min.css" rel="stylesheet"></head>
<body class="bg-gradient-login" style="background-image: url('img/logo/loral1.jpe00g');">
    <!-- Login Content -->
    <div class="container-login">
        <div class="row justify-content-center">
            <div class="col-xl-10 col-lg-12 col-md-9">
                <div class="card shadow-sm my-5">
                    <div class="card-body p-0">
                        <div class="row">
                            <div class="col-lg-12">
                                <div class="login-form">
                                    <h5 align="center">AAC LAB ATTENDANCE MANAGEMENT SYSTEM</h5>
                                    <div class="text-center">
                                        
                                        <br><br>
                                        <h1 class="h4 text-gray-900 mb-4">Admin Login Panel</h1>
                                    </div>
                                    <form class="user" method="Post" action="">
                                        <div class="form-group">
                                            <select required name="userType" class="form-control mb-3">
                                                <option value="">--Select User Roles--</option>
                                                <option value="Administrator">Administrator</option>
                                                <option value="ClassTeacher">ClassTeacher</option>
```

```

        </select> </div>    <div class="form-group">
        <input type="text" class="form-control" required name="username" id="exampleInputEmail"
placeholder="Enter Email Address">
    </div> <div class="form-group">
        <input type="password" name = "password" required class="form-control"
id="exampleInputPassword" placeholder="Enter Password"></div>
    <div class="form-group">
        <div class="custom-control custom-checkbox small" style="line-height: 1.5rem;"> <input
type="checkbox" class="custom-control-input" id="customCheck">
        </div> </div>    <div class="form-group">
        <input type="submit" class="btn btn-success btn-block" value="Login" name="login" />
    </div> </form>
<?php
if(isset($_POST['login'])){
    $userType = $_POST['userType'];
    $username = $_POST['username'];
    $password = $_POST['password'];
    $password = md5($password);
    if($userType == "Administrator"){
        $query = "SELECT * FROM tbladmin WHERE emailAddress = '$username' AND password = '$password'";
        $rs = $conn->query($query);
        $num = $rs->num_rows;
        $rows = $rs->fetch_assoc();
        if($num > 0){
            $_SESSION['userId'] = $rows['Id'];
            $_SESSION['firstName'] = $rows['firstName'];
            $_SESSION['lastName'] = $rows['lastName'];
            $_SESSION['emailAddress'] = $rows['emailAddress'];
            echo "<script type = \"text/javascript\">
window.location = (\"Admin/index.php\")
</script>";    }
        else{    echo "<div class='alert alert-danger' role='alert'>
Invalid Username/Password!
</div>";
        } }
    else if($userType == "ClassTeacher"){
        $query = "SELECT * FROM tblclassteacher WHERE emailAddress = '$username' AND password =
'$password'";
        $rs = $conn->query($query);
        $num = $rs->num_rows;

```

```

$rows = $rs->fetch_assoc();
if($num > 0){
    $_SESSION['userId'] = $rows['Id'];
    $_SESSION['firstName'] = $rows['firstName'];
    $_SESSION['lastName'] = $rows['lastName'];
    $_SESSION['emailAddress'] = $rows['emailAddress'];
    $_SESSION['classId'] = $rows['classId'];
    $_SESSION['classArmId'] = $rows['classArmId'];
    echo "<script type = \"text/javascript\">
    window.location = (\"ClassTeacher/index.php\")
    </script>";}
else{ echo "<div class='alert alert-danger' role='alert'>
    Invalid Username/Password!
    </div>";
} } else{ echo "<div class='alert alert-danger' role='alert'>
    Invalid Username/Password!
    </div>";}}
?> <div class="text-center"></div> </div> </div></div> </div> </div> </div> </div> </div>
<!-- Login Content -->
<script src="vendor/jquery/jquery.min.js"></script>
<script src="vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="vendor/jquery-easing/jquery.easing.min.js"></script>
<script src="js/ruang-admin.min.js"></script>
</body></html>

```

Admin index :

```

<?php
include '../Includes/dbcon.php';
include '../Includes/session.php';

$query = "SELECT tblclass.className,tblclassarms.classArmName
FROM tblclassteacher
INNER JOIN tblclass ON tblclass.Id = tblclassteacher.classId
INNER JOIN tblclassarms ON tblclassarms.Id = tblclassteacher.classArmId
Where tblclassteacher.Id = '$_SESSION[userId]'";

$rs = $conn->query($query);
$num = $rs->num_rows;
$rrw = $rs->fetch_assoc();

?> <!DOCTYPE html>
<html lang="en">
<head>

```

```

<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
<meta name="description" content="">
<meta name="author" content="">
<link href="img/logo/atnlg.jpg" rel="icon">
<title>Dashboard</title>
<link href="../../vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">
<link href="../../vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet" type="text/css">
<link href="css/ruang-admin.min.css" rel="stylesheet">
</head> <body id="page-top">
<div id="wrapper">
  <!-- Sidebar --> <?php include "Includes/sidebar.php";?>
  <!-- Sidebar --> <div id="content-wrapper" class="d-flex flex-column">
    <div id="content">
      <!-- TopBar --> <?php include "Includes/topbar.php";?>
      <!-- Topbar --> <!-- Container Fluid-->
      <div class="container-fluid" id="container-wrapper">
        <div class="d-sm-flex align-items-center justify-content-between mb-4">
          <h1 class="h3 mb-0 text-gray-800">Administrator Dashboard</h1>
          <ol class="breadcrumb">
            <li class="breadcrumb-item"><a href=".">Home</a></li>
            <li class="breadcrumb-item active" aria-current="page">Dashboard</li> </ol>
          </div><div class="row mb-3"> <!-- Students Card -->
            <?php
$query1=mysqli_query($conn,"SELECT * from tblstudents");
$students = mysqli_num_rows($query1);
?> <div class="col-xl-3 col-md-6 mb-4">
              <div class="card h-100">
                <div class="card-body">
                  <div class="row no-gutters align-items-center">
                    <div class="col mr-2">
                      <div class="text-xs font-weight-bold text-uppercase mb-1">Students</div>
                      <div class="h5 mb-0 mr-3 font-weight-bold text-gray-800"><?php echo $students;?></div>
                      <div class="mt-2 mb-0 text-muted text-xs">
                        <!-- <span class="text-success mr-2"><i class="fas fa-arrow-up"></i> 20.4%</span>
                        <span>Since last month</span> --> </div></div>
                    <div class="col-auto">
                      <i class="fas fa-users fa-2x text-info"></i>
                    </div> </div></div></div></div></div>

```

```

<!-- Class Card -->

<?php
$query1=mysqli_query($conn,"SELECT * from tblclass");
$class = mysqli_num_rows($query1);
?>

<div class="col-xl-3 col-md-6 mb-4">
  <div class="card h-100">
    <div class="card-body">
      <div class="row align-items-center">
        <div class="col mr-2">
          <div class="text-xs font-weight-bold text-uppercase mb-1">Classes</div>
          <div class="h5 mb-0 font-weight-bold text-gray-800"><?php echo $class;?></div>
          <div class="mt-2 mb-0 text-muted text-xs">
            <!-- <span class="text-success mr-2"><i class="fa fa-arrow-up"></i> 3.48%</span><span>Since
last month</span> -->
          </div></div>
        <div class="col-auto">
          <i class="fas fa-chalkboard fa-2x text-primary"></i>
        </div></div></div></div></div>

<!-- Class Arm Card -->

<?php
$query1=mysqli_query($conn,"SELECT * from tblclassarms");
$classArms = mysqli_num_rows($query1);
?>
<div class="col-xl-3 col-md-6 mb-4">
  <div class="card h-100">
    <div class="card-body">
      <div class="row no-gutters align-items-center">
        <div class="col mr-2">
          <div class="text-xs font-weight-bold text-uppercase mb-1">Semester Classes</div>
          <div class="h5 mb-0 font-weight-bold text-gray-800"><?php echo $classArms;?></div>
          <div class="mt-2 mb-0 text-muted text-xs">
            <!-- <span class="text-success mr-2"><i class="fas fa-arrow-up"></i> 12%</span>
<span>Since last years</span> -->
          </div></div><div class="col-auto">
          <i class="fas fa-code-branch fa-2x text-success"></i>
        </div></div> </div> </div></div>

<!-- Std Att Card -->

<?php
$query1=mysqli_query($conn,"SELECT * from tblattendance");
$totAttendance = mysqli_num_rows($query1);

```

?>

```
<div class="col-xl-3 col-md-6 mb-4">
  <div class="card h-100">
    <div class="card-body">
      <div class="row no-gutters align-items-center">
        <div class="col mr-2">
          <div class="text-xs font-weight-bold text-uppercase mb-1">Total Student Attendance</div>
          <div class="h5 mb-0 font-weight-bold text-gray-800"><?php echo $totAttendance;?></div>
          <div class="mt-2 mb-0 text-muted text-xs">
            <!-- <span class="text-danger mr-2"><i class="fas fa-arrow-down"></i> 1.10%</span>
            <span>Since yesterday</span> -->
          </div> </div><div class="col-auto">
            <i class="fas fa-calendar fa-2x text-secondary"></i>
          </div></div></div> </div></div>
```

<!-- Teachers Card -->

<?php

\$query1=mysqli_query(\$conn,"SELECT * from tblclassteacher");

\$classTeacher = mysqli_num_rows(\$query1);

?>

```
<div class="col-xl-3 col-md-6 mb-4">
  <div class="card h-100">
    <div class="card-body">
      <div class="row no-gutters align-items-center">
        <div class="col mr-2">
          <div class="text-xs font-weight-bold text-uppercase mb-1">Class Teachers</div>
          <div class="h5 mb-0 font-weight-bold text-gray-800"><?php echo $classTeacher;?></div>
          <div class="mt-2 mb-0 text-muted text-xs">
            <!-- <span class="text-success mr-2"><i class="fas fa-arrow-up"></i> 12%</span>
            <span>Since last years</span> -->
          </div></div>
          <div class="col-auto">
            <i class="fas fa-chalkboard-teacher fa-2x text-danger"></i>
          </div></div></div></div></div>
  <!-- Session and Terms Card -->
```

<?php

\$query1=mysqli_query(\$conn,"SELECT * from tblsessionterm");

\$sessTerm = mysqli_num_rows(\$query1);

?>

```
<div class="col-xl-3 col-md-6 mb-4">
  <div class="card h-100">
```



```

<div class="card-body">
  <div class="row no-gutters align-items-center">
    <div class="col mr-2">
      <div class="text-xs font-weight-bold text-uppercase mb-1">Sessions</div>
      <div class="h5 mb-0 font-weight-bold text-gray-800"><?php echo $sessTerm;?></div>
      <div class="mt-2 mb-0 text-muted text-xs">
        <!-- <span class="text-success mr-2"><i class="fas fa-arrow-up"></i> 12%</span>
        <span>Since last years</span> -->
      </div></div>
    <div class="col-auto">
      <i class="fas fa-calendar-alt fa-2x text-warning"></i>
    </div></div> </div> </div> </div>
  <!-- Terms Card -->
<?php
$query1=mysqli_query($conn,"SELECT * from tblterm");
$termonly = mysqli_num_rows($query1);
?>

<div class="col-xl-3 col-md-6 mb-4">
  <div class="card h-100">
    <div class="card-body">
      <div class="row no-gutters align-items-center">
        <div class="col mr-2">
          <div class="text-xs font-weight-bold text-uppercase mb-1">classes</div>
          <div class="h5 mb-0 font-weight-bold text-gray-800"><?php echo $termonly;?></div>
          <div class="mt-2 mb-0 text-muted text-xs">
            <!-- <span class="text-success mr-2"><i class="fas fa-arrow-up"></i> 12%</span>
            <span>Since last years</span> -->
          </div></div>
        <div class="col-auto">
          <i class="fas fa-th fa-2x text-info"></i>
        </div> </div> </div> </div></div>
  <!--Row-->
  <!-- <div class="row">
    <div class="col-lg-12 text-center">
      <p>Do you like this template ? you can download from <a
href="https://github.com/indrijunanda/RuangAdmin"
class="btn btn-primary btn-sm" target="_blank"><i class="fab fa-fw fa-
github"></i>&nbsp;GitHub</a></p>
    </div> </div> --></div>
  <!--Container Fluid--> </div>

```

```

<!-- Footer -->
<?php include 'includes/footer.php';?>
<!-- Footer --> </div></div>

<!-- Scroll to top -->
<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i></a>
<script src="../../vendor/jquery/jquery.min.js"></script>
<script src="../../vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="../../vendor/jquery-easing/jquery.easing.min.js"></script>
<script src="js/ruang-admin.min.js"></script>
<script src="../../vendor/chart.js/Chart.min.js"></script>
<script src="js/demo/chart-area-demo.js"></script>
</body></html>

```

Create class :

```

<?php
error_reporting(0);
include '../Includes/dbcon.php';
include '../Includes/session.php';

//-----SAVE-----
if(isset($_POST['save'])){
    $className=$_POST['className'];
    $query=mysqli_query($conn,"select * from tblclass where className ='$className'");
    $ret=mysqli_fetch_array($query);
    if($ret > 0){
        $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>This Class Already
Exists!</div>";
    }
    else{
        $query=mysqli_query($conn,"insert into tblclass(className) value('$className')");
        if ($query) {
            $statusMsg = "<div class='alert alert-success' style='margin-right:700px;'>Created
Successfully!</div>";
        }
        else
        {
            $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>";
        }
    }
}

```

```
//-----EDIT-----
if (isset($_GET['Id']) && isset($_GET['action']) && $_GET['action'] == "edit")
{
    $Id= $_GET['Id'];

    $query=mysqli_query($conn,"select * from tblclass where Id ='$Id'");
    $row=mysqli_fetch_array($query);
    //-----UPDATE-----
    if(isset($_POST['update'])){
        $className=$_POST['className'];
        $query=mysqli_query($conn,"update tblclass set className='$className' where Id='$Id'");
        if ($query) {
            echo "<script type = \"text/javascript\">
            window.location = (\"createClass.php\")
            </script>";
        }else { $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>"; }
        } }

//-----DELETE-----
if (isset($_GET['Id']) && isset($_GET['action']) && $_GET['action'] == "delete")
{
    $Id= $_GET['Id'];
    $query = mysqli_query($conn,"DELETE FROM tblclass WHERE Id='$Id'");
    if ($query == TRUE) {
        echo "<script type = \"text/javascript\">
        window.location = (\"createClass.php\")
        </script>";
    }
    else{
        $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>";
    } }?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">
    <link href="img/logo/atnlg.jpg" rel="icon">
    <?php include 'includes/title.php';?>

```

```

<link href="../../vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">
<link href="../../vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet" type="text/css">
<link href="css/ruang-admin.min.css" rel="stylesheet">
</head>
<body id="page-top">
<div id="wrapper">
  <!-- Sidebar -->
  <?php include "Includes/sidebar.php";?>
  <!-- Sidebar -->
  <div id="content-wrapper" class="d-flex flex-column">
    <div id="content">
      <!-- TopBar -->
      <?php include "Includes/topbar.php";?>
      <!-- Topbar -->
      <!-- Container Fluid-->
      <div class="container-fluid" id="container-wrapper">
        <div class="d-sm-flex align-items-center justify-content-between mb-4">
          <h1 class="h3 mb-0 text-gray-800">Create Class</h1>
          <ol class="breadcrumb">
            <li class="breadcrumb-item"><a href=".">Home</a></li>
            <li class="breadcrumb-item active" aria-current="page">Create Class</li>
          </ol></div>
          <div class="row">
            <div class="col-lg-12">
              <!-- Form Basic -->
              <div class="card mb-4">
                <div class="card-header py-3 d-flex flex-row align-items-center justify-content-between"> <h6
class="m-0 font-weight-bold text-primary">Create Class</h6>
                <?php echo $statusMsg; ?> </div>
                <div class="card-body">
                  <form method="post">
                    <div class="form-group row mb-3">
                      <div class="col-xl-6">
                        <label class="form-control-label">Class Name<span class="text-danger ml-
2">*</span></label>
                        <input type="text" class="form-control" name="className" value="<?php echo
$row['className'];?>" id="exampleInputFirstName" placeholder="Class Name">
                      </div> </div>
                      <?php
if (isset($Id))

```

```
{ ?>
<button type="submit" name="update" class="btn btn-warning">Update</button>
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~
<?php
} else {      ?>
<button type="submit" name="save" class="btn btn-primary">Save</button>
<?php
}
?> </form>
</div></div>
<!-- Input Group -->
    <div class="row">
<div class="col-lg-12">
<div class="card mb-4">
    <div class="card-header py-3 d-flex flex-row align-items-center justify-content-between"><h6
class="m-0 font-weight-bold text-primary">All Classes</h6>
        </div> <div class="table-responsive p-3">
            <table class="table align-items-center table-flush table-hover" id="dataTableHover">     <thead
class="thead-light">
                <tr>   <th>#</th>
                    <th>Class Name</th>
                    <th>Edit</th>
                    <th>Delete</th> </tr>   </thead><tbody>
<?php
$query = "SELECT * FROM tblclass";
$rs = $conn->query($query);
$num = $rs->num_rows;
$sn=0;
if($num > 0)
{
while ($rows = $rs->fetch_assoc())
{
    $sn = $sn + 1;
echo"
        <tr> <td>" . $sn . "</td>
            <td>" . $rows['className'] . "</td>
            <td><a href='?action=edit&Id=" . $rows['Id'] . "'"><i class='fas fa-fw fa-edit'></i>Edit</a></td>
            <td><a href='?action=delete&Id=" . $rows['Id'] . "'"><i class='fas fa-fw fa-trash'></i>Delete</a></td>
        </tr>": } }
```

```

        else
        {
            echo
            "<div class='alert alert-danger' role='alert'>
            No Record Found!
            </div>"; }\ ?>
        </tbody></table></div></div>\ </div></div></div>
    <!--Row-->
    <!-- Documentation Link -->
    <!-- <div class="row">
        <div class="col-lg-12 text-center">
            <p>For more documentations you can visit<a
href="https://getbootstrap.com/docs/4.3/components/forms/"
            target="_blank">
            bootstrap forms documentations.</a> and <a
            href="https://getbootstrap.com/docs/4.3/components/input-group/" target="_blank">bootstrap input
            groups documentations</a></p>
        </div> </div> -->
</div> <!--Container Fluid-->
    </div> <!-- Footer -->
    <?php include "Includes/footer.php";?>
    <!-- Footer -->
</div> </div>
<!-- Scroll to top -->
<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i></a>
<script src="../vendor/jquery/jquery.min.js"></script>
<script src="../vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="../vendor/jquery-easing/jquery.easing.min.js"></script>
<script src="js/ruang-admin.min.js"></script>
<!-- Page level plugins -->
<script src="../vendor/datatables/jquery.dataTables.min.js"></script>
<script src="../vendor/datatables/dataTables.bootstrap4.min.js"></script>
<!-- Page level custom scripts -->
<script>
$(document).ready(function () {
    $('#dataTable').DataTable(); // ID From dataTable
    $('#dataTableHover').DataTable(); // ID From dataTable with Hover
}); </script></body></html>

```

Create semester :

```
<?php
error_reporting(0);
include '../Includes/dbcon.php';
include '../Includes/session.php';
//-----SAVE-----
if(isset($_POST['save'])){
    $classId=$_POST['classId'];
    $classArmName=$_POST['classArmName'];
    $query=mysqli_query($conn,"select * from tblclassarms where classArmName ='$classArmName' and classId
= '$classId'");
    $ret=mysqli_fetch_array($query);
    if($ret > 0){
        $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>This Class Arm Already
Exists!</div>";
    }
    else{
        $query=mysqli_query($conn,"insert into tblclassarms(classId,classArmName,isAssigned)
value('$classId','$classArmName','0')");
        if ($query) {
            $statusMsg = "<div class='alert alert-success' style='margin-right:700px;'>Created Successfully!</div>";
        }
        else
        { $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>"; }
    }
}
//-----EDIT-----
if (isset($_GET['Id']) && isset($_GET['action']) && $_GET['action'] == "edit")
    { $Id= $_GET['Id'];
        $query=mysqli_query($conn,"select * from tblclassarms where Id ='$Id'");
        $row=mysqli_fetch_array($query);
        //-----UPDATE-----
        if(isset($_POST['update'])){
            $classId=$_POST['classId'];
            $classArmName=$_POST['classArmName'];
            $query=mysqli_query($conn,"update tblclassarms set classId = '$classId',
classArmName='$classArmName' where Id='$Id'");
            if ($query) {
                echo "<script type = \"text/javascript\">
                window.location = (\"createClassArms.php\")
                </script>";
            }
```

```

        else { $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error
Occurred!</div>"; } } }
//-----DELETE-----
if (isset($_GET['Id']) && isset($_GET['action']) && $_GET['action'] == "delete")
    { $Id= $_GET['Id'];
    $query = mysqli_query($conn,"DELETE FROM tblclassarms WHERE Id='$Id'");
    if ($query == TRUE) {
        echo "<script type = \"text/javascript\">
        window.location = (\"createClassArms.php\")
        </script>"; }
    else{
        $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error
Occurred!</div>"; } }
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">
    <link href="img/logo/atnlg.jpg" rel="icon">
<?php include 'includes/title.php';?>
    <link href="../vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">
    <link href="../vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet" type="text/css">
    <link href="css/ruang-admin.min.css" rel="stylesheet"></head>
<body id="page-top">
    <div id="wrapper">
        <!-- Sidebar -->
        <?php include "Includes/sidebar.php";?>
        <!-- Sidebar -->
        <div id="content-wrapper" class="d-flex flex-column">
            <div id="content">
                <!-- TopBar -->
                <?php include "Includes/topbar.php";?>
                <!-- Topbar -->
                <!-- Container Fluid-->
                <div class="container-fluid" id="container-wrapper">
                    <div class="d-sm-flex align-items-center justify-content-between mb-4">
                        <h1 class="h3 mb-0 text-gray-800">Create Semester Classes</h1>

```



```
<ol class="breadcrumb">
    <li class="breadcrumb-item"><a href="/">Home</a></li>
    <li class="breadcrumb-item active" aria-current="page">Semester Classes</li>
</ol> </div>      <div class="row">
<div class="col-lg-12">
    <!-- Form Basic -->
    <div class="card mb-4">
        <div class="card-header py-3 d-flex flex-row align-items-center justify-content-between"> <h6
class="m-0 font-weight-bold text-primary">Semester Classes</h6>
            <?php echo $statusMsg; ?> </div>
        <div class="card-body">
            <form method="post">
                <div class="form-group row mb-3">
                    <div class="col-xl-6">
                        <label class="form-control-label">Select Class<span class="text-danger ml-2">*</span></label>
<?php
$qry= "SELECT * FROM tblclass ORDER BY className ASC";
$result = $conn->query($qry);
$num = $result->num_rows;
if ($num > 0){
    echo ' <select required name="classId" class="form-control mb-3">;
    echo'<option value="">--Select Class--</option>';
    while ($rows = $result->fetch_assoc()){
        echo'<option value="'. $rows['Id']. "' >' . $rows['className']. '</option>';
        }echo '</select>; '
    ?> </div><div class="col-xl-6">
        <label class="form-control-label">Class Arm Name<span class="text-danger ml-
2">*</span></label>
        <input type="text" class="form-control" name="classArmName" value="<?php echo
$row['classArmName'];?>" id="exampleInputFirstName" placeholder="Semester Class Name"> </div> </div>
        <?php
if (isset($Id))
{ ?>
        <button type="submit" name="update" class="btn btn-warning">Update</button>
        &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~
        <?php
} else {
        ?>
        <button type="submit" name="save" class="btn btn-primary">Save</button>
        <?php }
        ?>
    </form> </div> </div>
```

```

<!-- Input Group -->
<div class="row">
<div class="col-lg-12">
<div class="card mb-4">
<div class="card-header py-3 d-flex flex-row align-items-center justify-content-between">
<h6 class="m-0 font-weight-bold text-primary">All Semester Classes</h6>
</div> <div class="table-responsive p-3">
<table class="table align-items-center table-flush table-hover" id="dataTableHover"> <thead
class="thead-light"><tr><th>#</th>
<th>Class Name</th>
<th>Semester Classes Name</th>
<th>Status</th>
<th>Edit</th><th>Delete</th></tr></thead>
<tbody>
<?php
$query = "SELECT
tblclassarms.Id,tblclassarms.isAssigned,tblclass.className,tblclassarms.classArmName
FROM tblclassarms
INNER JOIN tblclass ON tblclass.Id = tblclassarms.classId";
$rs = $conn->query($query);
$num = $rs->num_rows;
$sn=0;
$status="";
if($num > 0)
{ while ($rows = $rs->fetch_assoc()){
if($rows['isAssigned'] == '1'){ $status = "Assigned"; }else{ $status = "UnAssigned"; }
$sn = $sn + 1;
echo"
<tr> <td>".$sn."</td>
<td>".$rows['className']."</td>
<td>".$rows['classArmName']."</td>
<td>".$status."</td>
<td><a href='?action=edit&Id=".$rows['Id']."'><i class='fas fa-fw fa-
edit'></i>Edit</a></td><td><a href='?action=delete&Id=".$rows['Id']."'><i class='fas fa-fw fa-
trash'></i>Delete</a></td> </tr>"; } }
else
{ echo
"<div class='alert alert-danger' role='alert'>
No Record Found! </div>";
}

```

```

?> </tbody> </table></div></div></div></div></div>

<!--Row-->
<!-- Documentation Link -->
<!-- <div class="row">
    <div class="col-lg-12 text-center">
        <p>For more documentations you can visit<a
href="https://getbootstrap.com/docs/4.3/components/forms/"
        target="_blank">
        bootstrap forms documentations.</a> and <a
        href="https://getbootstrap.com/docs/4.3/components/input-group/" target="_blank">bootstrap input
        groups documentations</a></p>
    </div> </div> --></div> <!--Container Fluid--></div> <!-- Footer -->
    <?php include "Includes/footer.php";?>
    <!-- Footer --> </div> </div>
<!-- Scroll to top -->
<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i></a>
<script src="../vendor/jquery/jquery.min.js"></script>
<script src="../vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="../vendor/jquery-easing/jquery.easing.min.js"></script>
<script src="js/ruang-admin.min.js"></script>
<!-- Page level plugins -->
<script src="../vendor/datatables/jquery.dataTables.min.js"></script>
<script src="../vendor/datatables/dataTables.bootstrap4.min.js"></script>
<!-- Page level custom scripts -->
<script> $(document).ready(function () {
    $('#dataTable').DataTable(); // ID From dataTable
    $('#dataTableHover').DataTable(); // ID From dataTable with Hover
});</script></body></html>

```

Create class teacher :

```

<?php
error_reporting(0);
include '../Includes/dbcon.php';
include '../Includes/session.php';
//-----SAVE-----
if(isset($_POST['save'])){
    $firstName=$_POST['firstName'];
    $lastName=$_POST['lastName'];

```

```

$emailAddress=$_POST['emailAddress'];
$phoneNo=$_POST['phoneNo'];
$classId=$_POST['classId'];
$classArmId=$_POST['classArmId'];
$dateCreated = date("Y-m-d");

$query=mysqli_query($conn,"select * from tblclassteacher where emailAddress ='$emailAddress'");
$ret=mysqli_fetch_array($query);
$sampPass = "pass123";
$sampPass_2 = md5($sampPass);
if($ret > 0){
    $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>This Email Address Already
Exists!</div>";
}
else{
    $query=mysqli_query($conn,"INSERT                                     into
tblclassteacher(firstName,lastName,emailAddress,password,phoneNo,classId,classArmId,dateCreated)
value('$firstName','$lastName','$emailAddress','$sampPass_2','$phoneNo','$classId','$classArmId','$dateCreated'
)");
    if ($query) {
        $qu=mysqli_query($conn,"update tblclassarms set isAssigned='1' where Id ='$classArmId'");
        if ($qu) {
            $statusMsg = "<div class='alert alert-success' style='margin-right:700px;'>Created
Successfully!</div>"; }
        else {
            $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>";
        }
    }
    else
    {
        $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>";
    }
}
//-----EDIT-----
if (isset($_GET['Id']) && isset($_GET['action']) && $_GET['action'] == "edit")
{
    $Id= $_GET['Id'];
    $query=mysqli_query($conn,"select * from tblclassteacher where Id ='$Id'");
    $row=mysqli_fetch_array($query);
    //-----UPDATE-----
    if(isset($_POST['update'])){
        $firstName=$_POST['firstName'];
        $lastName=$_POST['lastName'];
    }
}

```

```

$emailAddress=$_POST['emailAddress'];
$phoneNo=$_POST['phoneNo'];
$classId=$_POST['classId'];
$classArmId=$_POST['classArmId'];
$dateCreated = date("Y-m-d");

$query=mysqli_query($conn,"update tblclassteacher set firstName='$firstName', lastName='$lastName',
emailAddress='$emailAddress',                                password='$password',phoneNo='$phoneNo',
classId='$classId',classArmId='$classArmId'
where Id='$Id'");

if ($query) {
    echo "<script type = \"text/javascript\">
    window.location = (\"createClassTeacher.php\")
    </script>";
} else{
    $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>";}
} }

//-----DELETE-----

if (isset($_GET['Id']) && isset($_GET['classArmId']) && isset($_GET['action']) && $_GET['action'] ==
"delete")
{
    $Id= $_GET['Id'];
    $classArmId= $_GET['classArmId'];
    $query = mysqli_query($conn,"DELETE FROM tblclassteacher WHERE Id='$Id'");
    if ($query == TRUE) {
        $qu=mysqli_query($conn,"update tblclassarms set isAssigned='0' where Id='$classArmId'");
        if ($qu) {
            echo "<script type = \"text/javascript\">
            window.location = (\"createClassTeacher.php\")
            </script>";
        }else{
            $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>";
        } }else{
            $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>";
        }
    }
}

}??>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">

```

```

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
<meta name="description" content="">
<meta name="author" content="">
<link href="img/logo/atnlg.jpg" rel="icon">
<?php include 'includes/title.php';?>
<link href="../../vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">
<link href="../../vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet" type="text/css">
<link href="css/ruang-admin.min.css" rel="stylesheet">
<script>
function classArmDropdown(str) {
if (str == "") {
    document.getElementById("txtHint").innerHTML = "";
    return;
} else {
    if (window.XMLHttpRequest) {
        // code for IE7+, Firefox, Chrome, Opera, Safari
        xmlhttp = new XMLHttpRequest();
    } else {
        // code for IE6, IE5
        xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");
    }
    xmlhttp.onreadystatechange = function() {
        if (this.readyState == 4 && this.status == 200) {
            document.getElementById("txtHint").innerHTML = this.responseText;
        }
    };
    xmlhttp.open("GET","ajaxClassArms.php?cid="+str,true);
    xmlhttp.send();
}
}
</script></head><body id="page-top">
<div id="wrapper">
<!-- Sidebar -->
<?php include "Includes/sidebar.php";?>
<!-- Sidebar -->
<div id="content-wrapper" class="d-flex flex-column">
<div id="content">
<!-- TopBar -->
<?php include "Includes/topbar.php";?>
<!-- Topbar -->
<!-- Container Fluid-->
<div class="container-fluid" id="container-wrapper">

```

```

<div class="d-sm-flex align-items-center justify-content-between mb-4">
  <h1 class="h3 mb-0 text-gray-800">Create Class Teachers</h1>
  <ol class="breadcrumb">
    <li class="breadcrumb-item"><a href="/">Home</a></li>
    <li class="breadcrumb-item active" aria-current="page">Create Class Teachers</li>
  </ol> </div>
<div class="row">
  <div class="col-lg-12">
    <!-- Form Basic -->
    <div class="card mb-4">
      <div class="card-header py-3 d-flex flex-row align-items-center justify-content-between">
        <h6 class="m-0 font-weight-bold text-primary">Create Class Teachers</h6>
        <?php echo $statusMsg; ?>
      </div> <div class="card-body">
        <form method="post">
          <div class="form-group row mb-3">
            <div class="col-xl-6">
              <label class="form-control-label">Firstname<span class="text-danger ml-2">*</span></label>
              <input type="text" class="form-control" required name="firstName" value="<?php echo
$row['firstName'];?>" id="exampleInputFirstName">
            </div><div class="col-xl-6">
              <label class="form-control-label">Lastname<span class="text-danger ml-2">*</span></label>
              <input type="text" class="form-control" required name="lastName" value="<?php echo
$row['lastName'];?>" id="exampleInputFirstName" >
            </div> </div>
          <div class="form-group row mb-3">
            <div class="col-xl-6">
              <label class="form-control-label">Email Address<span class="text-danger ml-
2">*</span></label>
              <input type="email" class="form-control" required name="emailAddress" value="<?php echo
$row['emailAddress'];?>" id="exampleInputFirstName" >
            </div><div class="col-xl-6">
              <label class="form-control-label">Phone No<span class="text-danger ml-2">*</span></label>
              <input type="text" class="form-control" name="phoneNo" value="<?php echo
$row['phoneNo'];?>" id="exampleInputFirstName" >
            </div></div>
          <div class="form-group row mb-3">
            <div class="col-xl-6">
              <label class="form-control-label">Select Class<span class="text-danger ml-2">*</span></label>
<?php

```



```

"SELECT      tblclassteacher.Id,tblclass.className,tblclassarms.classArmName,tblclassarms.Id      AS
classArmId,tblclassteacher.firstName,
tblclassteacher.lastName,tblclassteacher.emailAddress,tblclassteacher.phoneNo,tblclassteacher.dateCreated
FROM tblclassteacher
INNER JOIN tblclass ON tblclass.Id = tblclassteacher.classId
INNER JOIN tblclassarms ON tblclassarms.Id = tblclassteacher.classArmId";
$rs = $conn->query($query);
$num = $rs->num_rows;
$sn=0;
$status="";
if($num > 0)
{
while ($rows = $rs->fetch_assoc())
{ $sn = $sn + 1;
echo"
| <td>".$sn."</td><td>".$rows['firstName']."</td>
<td>".$rows['lastName']."</td> <td>".$rows['emailAddress']."</td>
<td>".$rows['phoneNo']."</td><td>".$rows['className']."</td>
<td>".$rows['classArmName']."</td><td>".$rows['dateCreated']."</td>
<td><a href=?action=delete&Id=".$rows['Id']."&classArmId=".$rows['classArmId']."><i
class='fas fa-fw fa-trash'></i></a></td></tr>";
} }
else
{ echo
"<div class='alert alert-danger' role='alert'>
No Record Found!
</div>"; }
?> </tbody></table></div></div></div></div></div>
<!--Row-->
<!-- Documentation Link -->
<!-- <div class="row">
<div class="col-lg-12 text-center">
<p>For more documentations you can visit<a
href="https://getbootstrap.com/docs/4.3/components/forms/"
target="_blank">
bootstrap forms documentations.</a> and <a
href="https://getbootstrap.com/docs/4.3/components/input-group/" target="_blank">bootstrap input
groups documentations</a></p> </div></div> --> </div>
<!--Container Fluid--> </div>
<!-- Footer -->

|  |

```

```

    <?php include "Includes/footer.php";?>
    <!-- Footer --></div></div>
<!-- Scroll to top -->
<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i></a>
<script src="../../vendor/jquery/jquery.min.js"></script>
<script src="../../vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="../../vendor/jquery-easing/jquery.easing.min.js"></script>
<script src="js/ruang-admin.min.js"></script>
<!-- Page level plugins -->
<script src="../../vendor/datatables/jquery.dataTables.min.js"></script>
<script src="../../vendor/datatables/dataTables.bootstrap4.min.js"></script>
<!-- Page level custom scripts -->
<script>
$(document).ready(function () {
    $('#dataTable').DataTable(); // ID From dataTable
    $('#dataTableHover').DataTable(); // ID From dataTable with Hover
}); </script></body></html>

```

Create students :

```

<?php
error_reporting(0);
include '../Includes/dbcon.php';
include '../Includes/session.php';
//-----SAVE-----
if(isset($_POST['save'])){
    $firstName=$_POST['firstName'];
    $lastName=$_POST['lastName'];
    $otherName=$_POST['otherName'];
    $admissionNumber=$_POST['admissionNumber'];
    $classId=$_POST['classId'];
    $classArmId=$_POST['classArmId'];
    $dateCreated = date("Y-m-d");
    $query=mysqli_query($conn,"select * from tblstudents where admissionNumber ='$admissionNumber'");
    $ret=mysqli_fetch_array($query);
    if($ret > 0){
        $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>This Email Address Already
Exists!</div>";
    } else{

```

```

$query=mysqli_query($conn,"insert
into
tblstudents(firstName,lastName,otherName,admissionNumber,password,classId,classArmId,dateCreated)
value('$firstName','$lastName','$otherName','$admissionNumber','12345','$classId','$classArmId','$dateCreated'
)");
if ($query) {
    $statusMsg = "<div class='alert alert-success' style='margin-right:700px;'>Created Successfully!</div>";
} else { $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>";
}}}
//-----EDIT-----
if (isset($_GET['Id']) && isset($_GET['action']) && $_GET['action'] == "edit")
{
    $Id= $_GET['Id'];
    $query=mysqli_query($conn,"select * from tblstudents where Id ='$Id'");
    $row=mysqli_fetch_array($query);
    //-----UPDATE-----
    if(isset($_POST['update'])){
        $firstName=$_POST['firstName'];
        $lastName=$_POST['lastName'];
        $otherName=$_POST['otherName'];
        $admissionNumber=$_POST['admissionNumber'];
        $classId=$_POST['classId'];
        $classArmId=$_POST['classArmId'];
        $dateCreated = date("Y-m-d");
        $query=mysqli_query($conn,"update tblstudents set firstName='$firstName', lastName='$lastName',
        otherName='$otherName', admissionNumber='$admissionNumber',password='12345',
        classId='$classId',classArmId='$classArmId'
        where Id='$Id'");
        if ($query) {
            echo "<script type = \"text/javascript\">
            window.location = (\"createStudents.php\")
            </script>"; }
        else{
            $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>";}
    }}
//-----DELETE-----
if (isset($_GET['Id']) && isset($_GET['action']) && $_GET['action'] == "delete")
{
    $Id= $_GET['Id'];
    $classArmId= $_GET['classArmId'];
    $query = mysqli_query($conn,"DELETE FROM tblstudents WHERE Id='$Id'");

```

```

if ($query == TRUE) {
    echo "<script type = \"text/javascript\">
    window.location = (\"createStudents.php\")
    </script>";
}
else{
    $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>";
} }?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">
    <link href="img/logo/atnlg.jpg" rel="icon">
<?php include 'includes/title.php';?>
    <link href="../../vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">
    <link href="../../vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet" type="text/css">
    <link href="css/ruang-admin.min.css" rel="stylesheet">
    <script>
    function classArmDropdown(str) {
    if (str == "") {
        document.getElementById("txtHint").innerHTML = "";
        return;
    } else {
        if (window.XMLHttpRequest) {
            // code for IE7+, Firefox, Chrome, Opera, Safari
            xmlhttp = new XMLHttpRequest();
        } else {
            // code for IE6, IE5
            xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");
        }
        xmlhttp.onreadystatechange = function() {
            if (this.readyState == 4 && this.status == 200) {
                document.getElementById("txtHint").innerHTML = this.responseText;
            }
        };
        xmlhttp.open("GET","ajaxClassArms2.php?cid="+str,true);
        xmlhttp.send();} }

```

```

</script></head>
<body id="page-top">
  <div id="wrapper">
    <!-- Sidebar -->
    <?php include "Includes/sidebar.php";?>
    <!-- Sidebar -->
    <div id="content-wrapper" class="d-flex flex-column">
      <div id="content">
        <!-- TopBar -->
        <?php include "Includes/topbar.php";?>
        <!-- Topbar -->
        <!-- Container Fluid-->
        <div class="container-fluid" id="container-wrapper">
          <div class="d-sm-flex align-items-center justify-content-between mb-4">
            <h1 class="h3 mb-0 text-gray-800">Create Students</h1>
            <ol class="breadcrumb">
              <li class="breadcrumb-item"><a href="."/>Home</a></li>
              <li class="breadcrumb-item active" aria-current="page">Create Students</li>
            </ol></div>
          <div class="row">
            <div class="col-lg-12">
              <!-- Form Basic -->
              <div class="card mb-4">
                <div class="card-header py-3 d-flex flex-row align-items-center justify-content-between">
                  <h6 class="m-0 font-weight-bold text-primary">Create Students</h6>
                  <?php echo $statusMsg; ?>
                </div><div class="card-body">
                  <form method="post">
                    <div class="form-group row mb-3">
                      <div class="col-xl-6">
                        <label class="form-control-label">Firstname<span class="text-danger ml-2">*</span></label>
                        <input type="text" class="form-control" name="firstName" value="<?php echo $row['firstName'];?>" id="exampleInputFirstName" >
                      </div><div class="col-xl-6">
                        <label class="form-control-label">Lastname<span class="text-danger ml-2">*</span></label>
                        <input type="text" class="form-control" name="lastName" value="<?php echo $row['lastName'];?>" id="exampleInputFirstName" >
                      </div> </div>
                    <div class="form-group row mb-3">
                      <div class="col-xl-6">

```

```
<label class="form-control-label">SUB code</span></label>  
    <input type="text" class="form-control" name="otherName" value=""<?php echo  
$row['otherName'];?>" id="exampleInputFirstName" >  
  </div><div class="col-xl-6">  
    <label class="form-control-label">Roll Number<span class="text-danger ml-  
2">*</span></label>  
  
    <input type="text" class="form-control" required name="admissionNumber" value=""<?php echo  
$row['admissionNumber'];?>" id="exampleInputFirstName" >  
  </div></div><div class="form-group row mb-3">  
  <div class="col-xl-6">  
    <label class="form-control-label">Select Class<span class="text-danger ml-2">*</span></label>  
    <?php $qry= "SELECT * FROM tblclass ORDER BY className ASC";  
    $result = $conn->query($qry);  
    $num = $result->num_rows;  
    if ($num > 0){  
      echo '   <select required name="className" onchange="classArmDropdown(this.value)"  
class="form-control mb-3">;  
        echo'<option value="">--Select Class--</option>;'  
        while ($rows = $result->fetch_assoc()){  
          echo'<option value="'. $rows['Id'].' ">' . $rows['className'] .'</option>;'  
            }echo '</select>; }'  
        ?> </div><div class="col-xl-6">  
          <label class="form-control-label">Class Arm<span class="text-danger ml-  
2">*</span></label><?php  
              echo"<div id='txtHint'></div>";  
          ?> </div></div>php  
if (isset($Id)) {     ?>  
  <button type="submit" name="update" class="btn btn-warning">Update</button>  
  &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~  
  <?php  
} else {  
  ?> <button type="submit" name="save" class="btn btn-primary">Save</button>  
  <?php }  
  ?> </form></div></div>  
<!-- Input Group -->  
  <div class="row"><div class="col-lg-12"><div class="card mb-4">  
    <div class="card-header py-3 d-flex flex-row align-items-center justify-content-between"><h6  
class="m-0 font-weight-bold text-primary">All Student</h6>  
    </div><div class="table-responsive p-3">
```

```

<table class="table align-items-center table-flush table-hover" id="dataTableHover"><thead
class="thead-light">
    <tr><th>#</th><th>First Name</th><th>Last Name</th>
    <th>SUB code</th> <th>Admission No</th>
    <th>Class</th><th>Class Arm</th> <th>Date Created</th>
    <th>Edit</th><th>Delete</th>
</tr> </thead><tbody>
<?php
    $query =
"SELECT          tblstudents.Id,tblclass.className,tblclassarms.classArmName,tblclassarms.Id          AS
classArmId,tblstudents.firstName,
tblstudents.lastName,tblstudents.otherName,tblstudents.admissionNumber,tblstudents.dateCreated
FROM tblstudents
INNER JOIN tblclass ON tblclass.Id = tblstudents.classId
INNER JOIN tblclassarms ON tblclassarms.Id = tblstudents.classArmId";
    $rs = $conn->query($query);
    $num = $rs->num_rows;
    $sn=0;
    $status="";
    if($num > 0) {
        while ($rows = $rs->fetch_assoc()){
            $sn = $sn + 1;
            echo"
            <tr> <td>".$sn."</td><td>".$rows['firstName']."</td>
            <td>".$rows['lastName']."</td><td>".$rows['otherName']."</td>
            <td>".$rows['admissionNumber']."</td>
            <td>".$rows['className']."</td><td>".$rows['classArmName']."</td>
            <td>".$rows['dateCreated']."</td><td><a          href='?action=edit&Id=".$rows['Id']."'><i
class='fas fa-fw fa-edit'></i></a></td>
            <td><a          href='?action=delete&Id=".$rows['Id']."'><i          class='fas          fa-fw          fa-
trash'></i></a></td></tr>";    }}
        else{    echo
            "<div class='alert alert-danger' role='alert'>
            No Record Found!
            </div>";}
    ?> </tbody></table></div>    </div></div></div></div>
    <!--Row-->
<!-- Documentation Link -->
    <!-- <div class="row">
        <div class="col-lg-12 text-center">

```

```

        <p>For more documentations you can visit<a
href="https://getbootstrap.com/docs/4.3/components/forms/"
        target="_blank">
        bootstrap forms documentations.</a> and <a
        href="https://getbootstrap.com/docs/4.3/components/input-group/" target="_blank">bootstrap input
        groups documentations</a></p></div></div> -->
    </div> <!--Container Fluid-->
</div> <!-- Footer -->
<?php include "Includes/footer.php";?>
<!-- Footer --></div> </div>
<!-- Scroll to top -->
<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i>
</a> <script src="../vendor/jquery/jquery.min.js"></script>
<script src="../vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="../vendor/jquery-easing/jquery.easing.min.js"></script>
<script src="js/ruang-admin.min.js"></script>
<!-- Page level plugins -->
<script src="../vendor/datatables/jquery.dataTables.min.js"></script>
<script src="../vendor/datatables/dataTables.bootstrap4.min.js"></script>
<!-- Page level custom scripts -->
<script> $(document).ready(function () {
    $('#dataTable').DataTable(); // ID From dataTable
    $('#dataTableHover').DataTable(); // ID From dataTable with Hover}); </script></body>
</html>

```

Create Session :

```

<?php
error_reporting(0);
include '../Includes/dbcon.php';
include '../Includes/session.php';
//-----SAVE-----
if(isset($_POST['save'])){
    $sessionName=$_POST['sessionName'];
    $termId=$_POST['termId'];
    $dateCreated = date("Y-m-d");
    $query=mysqli_query($conn,"select * from tblsessionterm where sessionName ='$sessionName' and termId =
'$termId'");
    $ret=mysqli_fetch_array($query);

```



```

if($ret > 0){
    $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>This Session and Term Already
Exists!</div>";
}
}else{
    $query=mysqli_query($conn,"insert into tblsessionterm(sessionName,termId,isActive,dateCreated)
value('$sessionName','$termId','0','$dateCreated')");
    if ($query) {
        $statusMsg = "<div class='alert alert-success' style='margin-right:700px;'>Created Successfully!</div>";}
    else{
        $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>";}
    }
}
//-----EDIT-----
if (isset($_GET['Id']) && isset($_GET['action']) && $_GET['action'] == "edit")
    {
        $Id= $_GET['Id'];
        $query=mysqli_query($conn,"select * from tblsessionterm where Id ='$Id'");
        $row=mysqli_fetch_array($query);
        //-----UPDATE-----
        if(isset($_POST['update'])){
            $sessionName=$_POST['sessionName'];
            $termId=$_POST['termId'];
            $dateCreated = date("Y-m-d");
            $query=mysqli_query($conn,"update tblsessionterm set
sessionName='$sessionName',termId='$termId',isActive='0' where Id='$Id'");
            if ($query) {
                echo "<script type = \"text/javascript\">
                window.location = (\"createSessionTerm.php\")
                </script>"; }
            else
                {
                    $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>";
                }
        }
    }
//-----DELETE-----
if (isset($_GET['Id']) && isset($_GET['action']) && $_GET['action'] == "delete")
    {
        $Id= $_GET['Id'];
        $query = mysqli_query($conn,"DELETE FROM tblsessionterm WHERE Id='$Id'");
        if ($query == TRUE) {
            echo "<script type = \"text/javascript\">
            window.location = (\"createSessionTerm.php\")
            </script>";
        }
    }
else{

```

```

        $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>";
    }
}

//-----ACTIVATE-----
if (isset($_GET['Id']) && isset($_GET['action']) && $_GET['action'] == "activate")
    {
        $Id= $_GET['Id'];

        $query=mysqli_query($conn,"update tblsessionterm set isActive='0' where isActive='1'");
        if ($query) {
            $que=mysqli_query($conn,"update tblsessionterm set isActive='1' where Id='$Id'");
            if ($que) {
                echo "<script type = \"text/javascript\">
                window.location = (\"createSessionTerm.php\")
                </script>";
            } else
            {
                $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error
Occurred!</div>";
            }
        }
        else
        {
            $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An error Occurred!</div>";
        }
    }

?> <!DOCTYPE html>

<html lang="en">

<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">
    <link href="img/logo/atnlg.jpg" rel="icon">
    <?php include 'includes/title.php';?>
    <link href="../vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">
    <link href="../vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet" type="text/css">
    <link href="css/ruang-admin.min.css" rel="stylesheet">
</head>
<body id="page-top">
    <div id="wrapper">
        <!-- Sidebar -->
        <?php include "Includes/sidebar.php";?>
        <!-- Sidebar -->
        <div id="content-wrapper" class="d-flex flex-column">
            <div id="content">
                <!-- TopBar -->

```

```

<?php include "Includes/topbar.php";?>
<!-- Topbar -->
<!-- Container Fluid-->
<div class="container-fluid" id="container-wrapper">
    <div class="d-sm-flex align-items-center justify-content-between mb-4">
        <h1 class="h3 mb-0 text-gray-800">Create Session</h1>
        <ol class="breadcrumb">
            <li class="breadcrumb-item"><a href="."/">Home</a></li>
            <li class="breadcrumb-item active" aria-current="page">Create Session</li>
        </ol>
    </div>
    <div class="row">
        <div class="col-lg-12">
            <!-- Form Basic -->
            <div class="card mb-4">
                <div class="card-header py-3 d-flex flex-row align-items-center justify-content-between">
                    <h6 class="m-0 font-weight-bold text-primary">Create Session</h6>
                    <?php echo $statusMsg; ?>
                </div>
                <div class="card-body">
                    <form method="post">
                        <div class="form-group row mb-3">
                            <div class="col-xl-6">
                                <label class="form-control-label">Session Name<span class="text-danger ml-2">*</span></label>
                                <input type="text" class="form-control" name="sessionName" value="<?php echo $row['sessionName'];?>" id="exampleInputFirstName" placeholder="Session">
                            </div>
                            <div class="col-xl-6">
                                <label class="form-control-label">class<span class="text-danger ml-2">*</span></label>
                                <?php
                                $qry= "SELECT * FROM tblterm ORDER BY termName ASC";
                                $result = $conn->query($qry);
                                $num = $result->num_rows;
                                if ($num > 0){
                                    echo ' <select required name="termId" class="form-control mb-3">';
                                    echo'<option value="">--Select classes--</option>';
                                    while ($rows = $result->fetch_assoc()){
                                        echo'<option value="'. $rows['Id'].'" >'. $rows['termName']. '</option>';
                                    }
                                    echo '</select>';
                                }
                                ?>
                            </div>
                        </div>
                    </form>
                    <?php
                    if (isset($Id))

```



```

                <td><a href='?action=activate&Id=".$rows['Id']."><i class='fas fa-fw fa-check'></i></a></td>
                <td><a href='?action=edit&Id=".$rows['Id']."><i class='fas fa-fw fa-edit'></i></a></td>
                <td><a href='?action=delete&Id=".$rows['Id']."><i class='fas fa-fw fa-trash'></i></a></td>
            </tr>;
        }
    }
    else
    {
        echo
        "<div class='alert alert-danger' role='alert'>
        No Record Found!
        </div>";
    }
    ?> </tbody> </table></div></div></div> </div></div>
<!--Row-->
<!-- Documentation Link -->
<!-- <div class="row">
    <div class="col-lg-12 text-center">
        <p>For more documentations you can visit<a
href="https://getbootstrap.com/docs/4.3/components/forms/"
target="_blank">
bootstrap forms documentations.</a> and <a
href="https://getbootstrap.com/docs/4.3/components/input-group/" target="_blank">bootstrap input
groups documentations</a></p>
    </div> </div> -->
</div> <!--Container Fluid-->
    </div> <!-- Footer --> <?php include "Includes/footer.php";?>
    <!-- Footer --> </div> </div>
<!-- Scroll to top -->
<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i>
</a> <script src=" ../vendor/jquery/jquery.min.js"></script>
<script src=" ../vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src=" ../vendor/jquery-easing/jquery.easing.min.js"></script>
<script src="js/ruang-admin.min.js"></script>
<!-- Page level plugins -->
<script src=" ../vendor/datatables/jquery.dataTables.min.js"></script>
<script src=" ../vendor/datatables/dataTables.bootstrap4.min.js"></script>
<!-- Page level custom scripts -->
<script>
$(document).ready(function () {
    $('#dataTable').DataTable(); // ID From dataTable
    $('#dataTableHover').DataTable(); // ID From dataTable with Hover

```

```
});</script></body></html>
```

Logout :

```
<?php
session_start();
session_destroy(); // destroy session
echo "<script type = \"text/javascript\">
window.location = (\"../index.php\");
</script>"; ?>
```

Teacher's Dashboard :

```
<?php
include '../Includes/dbcon.php';
include '../Includes/session.php';

$query = "SELECT tblclass.className,tblclassarms.classArmName
FROM tblclassteacher
INNER JOIN tblclass ON tblclass.Id = tblclassteacher.classId
INNER JOIN tblclassarms ON tblclassarms.Id = tblclassteacher.classArmId
Where tblclassteacher.Id = '$_SESSION[userId]'";

$rs = $conn->query($query);
$num = $rs->num_rows;
$rrw = $rs->fetch_assoc();

?> <!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
<meta name="description" content="">
<meta name="author" content="">
<link href="img/logo/atnlg.jpg" rel="icon">
<title>Dashboard</title>
<link href="../vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">
<link href="../vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet" type="text/css">
<link href="css/ruang-admin.min.css" rel="stylesheet">
</head><body id="page-top">
<div id="wrapper">
<!-- Sidebar -->
<?php include "Includes/sidebar.php";?>
```

```

<!-- Sidebar -->
<div id="content-wrapper" class="d-flex flex-column">
  <div id="content">
    <!-- TopBar --><?php include "Includes/topbar.php";?>
    <!-- Topbar --><!-- Container Fluid-->
    <div class="container-fluid" id="container-wrapper">
      <div class="d-sm-flex align-items-center justify-content-between mb-4">
        <h1 class="h3 mb-0 text-gray-800">Class Teacher Dashboard (<?php echo $rrw['className']. ' -
'. $rrw['classArmName'];?>)</h1>
        <ol class="breadcrumb">
          <li class="breadcrumb-item"><a href="."/>Home</a></li>
          <li class="breadcrumb-item active" aria-current="page">Dashboard</li></ol></div>
      <div class="row mb-3">
        <!-- New User Card Example -->
        <?php
$query1=mysqli_query($conn,"SELECT * from tblstudents where classId = '$_SESSION[classId]' and
classArmId = '$_SESSION[classArmId]'");
$students = mysqli_num_rows($query1);
?> <div class="col-xl-3 col-md-6 mb-4">
  <div class="card h-100">
    <div class="card-body">
      <div class="row no-gutters align-items-center">
        <div class="col mr-2">
          <div class="text-xs font-weight-bold text-uppercase mb-1">Students</div>
          <div class="h5 mb-0 mr-3 font-weight-bold text-gray-800"><?php echo $students;?></div>
          <div class="mt-2 mb-0 text-muted text-xs">
            <!-- <span class="text-success mr-2"><i class="fas fa-arrow-up"></i> 20.4%</span>
<span>Since last month</span> -->
          </div></div></div><div class="col-auto">
            <i class="fas fa-users fa-2x text-info"></i>
          </div></div> </div></div></div>
        <!-- Earnings (Monthly) Card Example -->
        <?php
$query1=mysqli_query($conn,"SELECT * from tblclass");
$class = mysqli_num_rows($query1);
?> <div class="col-xl-3 col-md-6 mb-4">
  <div class="card h-100">
    <div class="card-body">
      <div class="row align-items-center">
        <div class="col mr-2">

```

```

<div class="text-xs font-weight-bold text-uppercase mb-1">Classes</div>
<div class="h5 mb-0 font-weight-bold text-gray-800"><?php echo $class;?></div>
<div class="mt-2 mb-0 text-muted text-xs">
    <!-- <span class="text-success mr-2"><i class="fa fa-arrow-up"></i> 3.48%</span> <span>Since
last month</span> -->
    </div></div>
<div class="col-auto">
    <i class="fas fa-chalkboard fa-2x text-primary"></i>
</div></div></div></div></div>
<!-- Earnings (Annual) Card Example -->
<?php
$query1=mysqli_query($conn,"SELECT * from tblclassarms");
$classArms = mysqli_num_rows($query1);
?> <div class="col-xl-3 col-md-6 mb-4">
    <div class="card h-100">
        <div class="card-body">
            <div class="row no-gutters align-items-center">
                <div class="col mr-2">
                    <div class="text-xs font-weight-bold text-uppercase mb-1">Semesters</div>
                    <div class="h5 mb-0 font-weight-bold text-gray-800"><?php echo $classArms;?></div> <div
class="mt-2 mb-0 text-muted text-xs">
                        <!-- <span class="text-success mr-2"><i class="fas fa-arrow-up"></i> 12%</span><span>Since
last years</span> -->
                    </div></div><div class="col-auto">
                        <i class="fas fa-code-branch fa-2x text-success"></i>
                    </div></div></div> </div></div>
                    <!-- Pending Requests Card Example -->
                <?php
                $query1=mysqli_query($conn,"SELECT * from tblattendance where classId = '$_SESSION[classId]' and
classArmId = '$_SESSION[classArmId]'");
                $totAttendance = mysqli_num_rows($query1);
                ?> <div class="col-xl-3 col-md-6 mb-4">
                    <div class="card h-100">
                        <div class="card-body">
                            <div class="row no-gutters align-items-center">
                                <div class="col mr-2">
                                    <div class="text-xs font-weight-bold text-uppercase mb-1">Total Student Attendance</div>
                                    <div class="h5 mb-0 font-weight-bold text-gray-800"><?php echo $totAttendance;?></div>
                                    <div class="mt-2 mb-0 text-muted text-xs">

```



```

        <!-- <span class="text-danger mr-2"><i class="fas fa-arrow-down"></i> 1.10%</span>
<span>Since yesterday</span> -->
    </div></div><div class="col-auto">
        <i class="fas fa-calendar fa-2x text-warning"></i>
    </div></div></div></div></div>

    <!--Row-->
    <!-- <div class="row">
        <div class="col-lg-12 text-center">
            class="btn btn-primary btn-sm" target="_blank"><i class="fab fa-fw fa-
github"></i>&nbsp; GitHub</a></p>
        </div> </div> -->
</div> <!--Container Fluid--></div>

    <!-- Footer -->
    <?php include 'includes/footer.php';?>
    <!-- Footer --></div></div>

    <!-- Scroll to top -->
    <a class="scroll-to-top rounded" href="#page-top">
        <i class="fas fa-angle-up"></i>
    </a>

<script src="../../vendor/jquery/jquery.min.js"></script>
<script src="../../vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="../../vendor/jquery-easing/jquery.easing.min.js"></script>
<script src="js/ruang-admin.min.js"></script>
<script src="../../vendor/chart.js/Chart.min.js"></script>
<script src="js/demo/chart-area-demo.js"></script>
</body></html>

```

Take attendance :

```

<?php
error_reporting(0);
include '../Includes/dbcon.php';
include '../Includes/session.php';

$query = "SELECT tblclass.className,tblclassarms.classArmName
FROM tblclassteacher
INNER JOIN tblclass ON tblclass.Id = tblclassteacher.classId
INNER JOIN tblclassarms ON tblclassarms.Id = tblclassteacher.classArmId
Where tblclassteacher.Id = '$_SESSION[userId]'";

$rs = $conn->query($query);
$num = $rs->num_rows;

$rrw = $rs->fetch_assoc(); //session and Term

```

```

$query=mysqli_query($conn,"select * from tblsessionterm where isActive = '1'");
$rw=mysqli_fetch_array($query);
$sessionTermId = $rw['Id'];
$dateTaken = date("Y-m-d");
$query=mysqli_query($conn,"select * from tblattendance where classId = '$_SESSION[classId]' and
classArmId = '$_SESSION[classArmId]' and dateTimeTaken='$dateTaken'");
$count = mysqli_num_rows($query);
if($count == 0){ //if Record does not exist, insert the new record
    //insert the students record into the attendance table on page load
    $q=mysqli_query($conn,"select * from tblstudents where classId = '$_SESSION[classId]' and
classArmId = '$_SESSION[classArmId]'");
    while ($ros = $q->fetch_assoc())
    {
        $sq=mysqli_query($conn,"insert into
tblattendance(admissionNo,classId,classArmId,sessionTermId,status,dateTimeTaken)
value('$ros[admissionNumber]','$_SESSION[classId]','$_SESSION[classArmId]','$sessionTermId','0','$dateTaken')");
    }
}
if(isset($_POST['save'])){
    $admissionNo=$_POST['admissionNo'];
    $check=$_POST['check'];
    $N = count($admissionNo);
    $status = "";
    //check if the attendance has not been taken i.e if no record has a status of 1
    $q=mysqli_query($conn,"select * from tblattendance where classId = '$_SESSION[classId]' and
classArmId = '$_SESSION[classArmId]' and dateTimeTaken='$dateTaken' and status = '1'");
    $count = mysqli_num_rows($q);
    if($count > 0){
        $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>Attendance has been taken for
today!</div>";
    } else //update the status to 1 for the checkboxes checked
    {
        for($i = 0; $i < $N; $i++)
        {
            $admissionNo[$i]; //admission Number
            if(isset($check[$i])) //the checked checkboxes
            {
                $sq=mysqli_query($conn,"update tblattendance set status='1' where admissionNo =
'$check[$i]'");
                if ($sq) {
                    $statusMsg = "<div class='alert alert-success' style='margin-right:700px;'>Attendance Taken
Successfully!</div>";
                }
            }
        }
    }
}

```

```

        else {
            $statusMsg = "<div class='alert alert-danger' style='margin-right:700px;'>An
error Occurred!</div>";
        }
    } } } }?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">
    <link href="img/logo/atnlg.jpg" rel="icon">
    <title>Dashboard</title>
    <link href="../../vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">
    <link href="../../vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet" type="text/css">
    <link href="css/ruang-admin.min.css" rel="stylesheet">
    <script>
        function classArmDropdown(str) {
            if (str == "") {
                document.getElementById("txtHint").innerHTML = "";
                return;
            } else {
                if (window.XMLHttpRequest) {
                    // code for IE7+, Firefox, Chrome, Opera, Safari
                    xmlhttp = new XMLHttpRequest();
                } else {
                    // code for IE6, IE5
                    xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");
                }
                xmlhttp.onreadystatechange = function() {
                    if (this.readyState == 4 && this.status == 200) {
                        document.getElementById("txtHint").innerHTML = this.responseText;
                    }
                };
                xmlhttp.open("GET","ajaxClassArms2.php?cid="+str,true);
                xmlhttp.send();
            }
        }
    </script></head><body id="page-top">
    <div id="wrapper">
        <!-- Sidebar -->
        <?php include "Includes/sidebar.php";?>
        <!-- Sidebar -->
        <div id="content-wrapper" class="d-flex flex-column">

```

```

<div id="content">
    <!-- TopBar -->
    <?php include "Includes/topbar.php";?>
    <!-- Topbar -->
<!-- Container Fluid-->
    <div class="container-fluid" id="container-wrapper">
        <div class="d-sm-flex align-items-center justify-content-between mb-4">
            <h1 class="h3 mb-0 text-gray-800">Take Attendance (Today's Date : <?php echo $todaysDate = date("m-
d-Y");?>)</h1>
            <ol class="breadcrumb">
                <li class="breadcrumb-item"><a href="."/>Home</a></li>
                <li class="breadcrumb-item active" aria-current="page">All Student in Class</li>
            </ol></div><div class="row">
                <div class="col-lg-12"> <!-- Form Basic -->
                    <!-- Input Group -->
                    <form method="post">
                        <div class="row">
                            <div class="col-lg-12">
                                <div class="card mb-4">
                                    <div class="card-header py-3 d-flex flex-row align-items-center justify-content-between">
                                        <h6 class="m-0 font-weight-bold text-primary">All Student in (<?php echo $rrw['className']. ' -
'. $rrw['classArmName'];?>) Class</h6>
                                        <h6 class="m-0 font-weight-bold text-danger">Note: <i>Click on the checkboxes besides each student
to take attendance!</i></h6>
                                    </div><div class="table-responsive p-3">
                                        <?php echo $statusMsg; ?>
                                        <table class="table align-items-center table-flush table-hover">
                                            <thead class="thead-light"><tr>
                                                <th>#</th><th>First Name</th><th>Last Name</th>
                                                <th>Other Name</th> <th>Roll No</th><th>Class</th>
                                                <th>Class Arm</th> <th>Check</th></tr> </thead>
                                            <tbody>
                                                <?php
                                                    $query = "SELECT tblstudents.Id,tblstudents.admissionNumber,tblclass.className,tblclass.Id As
classId,tblclassarms.classArmName,tblclassarms.Id AS classArmId,tblstudents.firstName,
tblstudents.lastName,tblstudents.otherName,tblstudents.admissionNumber,tblstudents.dateCreated
                                                    FROM tblstudents
                                                    INNER JOIN tblclass ON tblclass.Id = tblstudents.classId
                                                    INNER JOIN tblclassarms ON tblclassarms.Id = tblstudents.classArmId

```

```

        where tblstudents.classId = '_SESSION[classId]' and tblstudents.classArmId =
'_SESSION[classArmId]';
        $rs = $conn->query($query);
        $num = $rs->num_rows;
        $sn=0;
        $status="";
        if($num > 0)
        { while ($rows = $rs->fetch_assoc())
        { $sn = $sn + 1;
        echo"
        <tr> <td>". $sn."</td>
        <td>". $rows['firstName']."</td><td>". $rows['lastName']."</td>
        <td>". $rows['otherName']."</td><td>". $rows['admissionNumber']."</td>
        <td>". $rows['className']."</td><td>". $rows['classArmName']."</td>
        <td><input name='check[]' type='checkbox' value=".$rows['admissionNumber']."
class='form-control'></td>
        </tr>";
        echo "<input name='admissionNo[]' value=".$rows['admissionNumber']." type='hidden'
class='form-control'>";
        }}
        else{
        echo
        "<div class='alert alert-danger' role='alert'>
        No Record Found!
        </div>";    }
    ?>

    </tbody></table><br>
    <button type="submit" name="save" class="btn btn-primary">Take Attendance</button></form>
</div>
</div></div>
</div></div><!--Row-->
<!-- Documentation Link -->
<!-- <div class="row">
    <div class="col-lg-12 text-center">
        <p>For more documentations you can visit<a
href="https://getbootstrap.com/docs/4.3/components/forms/"
target="_blank">
bootstrap forms documentations.</a> and <a
href="https://getbootstrap.com/docs/4.3/components/input-group/" target="_blank">bootstrap input
groups documentations</a></p>

```

```

        </div> </div> -->
    </div>
    <!--Container Fluid--></div>
    <!-- Footer --><?php include "Includes/footer.php";?>
    <!-- Footer --> </div></div>
    <!-- Scroll to top -->
    <a class="scroll-to-top rounded" href="#page-top">
        <i class="fas fa-angle-up"></i>
    </a>
    <script src="../vendor/jquery/jquery.min.js"></script>
    <script src="../vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
    <script src="../vendor/jquery-easing/jquery.easing.min.js"></script>
    <script src="js/ruang-admin.min.js"></script>
    <!-- Page level plugins -->
    <script src="../vendor/datatables/jquery.dataTables.min.js"></script>
    <script src="../vendor/datatables/dataTables.bootstrap4.min.js"></script>
    <!-- Page level custom scripts -->
    <script>$(document).ready(function () {
        $('#dataTable').DataTable(); // ID From dataTable
        $('#dataTableHover').DataTable(); // ID From dataTable with Hover
    }); </script></body></html>

```

View attendance :

```

<?php
error_reporting(0);
include '../Includes/dbcon.php';
include '../Includes/session.php';
?>
<!DOCTYPE html>
<html lang="en">
<head><meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">
    <link href="img/logo/atnlg.jpg" rel="icon">
    <title>Dashboard</title>
    <link href="../vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">
    <link href="../vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet" type="text/css">

```

```

<link href="css/ruang-admin.min.css" rel="stylesheet">
</head><body id="page-top">
<div id="wrapper">
  <!-- Sidebar -->
  <?php include "Includes/sidebar.php";?>
  <!-- Sidebar -->
  <div id="content-wrapper" class="d-flex flex-column">
    <div id="content">
      <!-- TopBar --><?php include "Includes/topbar.php";?>
      <!-- Topbar -->
    <!-- Container Fluid--><div class="container-fluid" id="container-wrapper">
      <div class="d-sm-flex align-items-center justify-content-between mb-4">
        <h1 class="h3 mb-0 text-gray-800">View Class Attendance</h1>
        <ol class="breadcrumb">
          <li class="breadcrumb-item"><a href=".">Home</a></li>
          <li class="breadcrumb-item active" aria-current="page">View Class Attendance</li>
        </ol></div>
      <div class="row"> <div class="col-lg-12">
        <!-- Form Basic -->
        <div class="card mb-4">
          <div class="card-header py-3 d-flex flex-row align-items-center justify-content-between">
            <h6 class="m-0 font-weight-bold text-primary">View Class Attendance</h6>
            <?php echo $statusMsg; ?>
          </div><div class="card-body">
            <form method="post">
              <div class="form-group row mb-3">
                <div class="col-xl-6">
                  <label class="form-control-label">Select Date<span class="text-danger ml-2">*</span></label>
                  <input type="date" class="form-control" name="dateTaken" id="exampleInputFirstName"
placeholder="Class Arm Name">
                </div>
                <!-- <div class="col-xl-6">
                  <label class="form-control-label">Class Arm Name<span class="text-danger ml-
2">*</span></label>
                  <input type="text" class="form-control" name="classArmName" value="<?php echo
$row['classArmName'];?>" id="exampleInputFirstName" placeholder="Class Arm Name"></div> -->
                </div>
                <button type="submit" name="view" class="btn btn-primary">View
Attendance</button></form></div>
              </div>
            </div>

```

```

<!-- Input Group --><div class="row">
    <div class="col-lg-12">
        <div class="card mb-4">
            <div class="card-header py-3 d-flex flex-row align-items-center justify-content-between"><h6
class="m-0 font-weight-bold text-primary">Class Attendance</h6>
            </div><div class="table-responsive p-3">
                <table class="table align-items-center table-flush table-hover" id="dataTableHover"><thead
class="thead-light">
                    <tr><th>#</th>
                    <th>First Name</th><th>Last Name</th><th>Other Name</th>
                    <th>Admission No</th><th>Class</th><th>semester</th>
                    <th>Session</th><th>sem</th>
                    <th>Status</th><th>Date</th></tr>
                </thead> <tbody>
                <?php
                    if(isset($_POST['view'])) {

                        $dateTaken = $_POST['dateTaken'];
                        $query = "SELECT
tblattendance.Id,tblattendance.status,tblattendance.dateTimeTaken,tblclass.className,
tblclassarms.classArmName,tblsessionterm.sessionName,tblsessionterm.termId,tblterm.termName,
tblstudents.firstName,tblstudents.lastName,tblstudents.otherName,tblstudents.admissionNumber
FROM tblattendance
INNER JOIN tblclass ON tblclass.Id = tblattendance.classId
INNER JOIN tblclassarms ON tblclassarms.Id = tblattendance.classArmId
INNER JOIN tblsessionterm ON tblsessionterm.Id = tblattendance.sessionTermId
INNER JOIN tblterm ON tblterm.Id = tblsessionterm.termId
INNER JOIN tblstudents ON tblstudents.admissionNumber = tblattendance.admissionNo
where tblattendance.dateTimeTaken = '$dateTaken' and tblattendance.classId =
'$_SESSION[classId]' and tblattendance.classArmId = '$_SESSION[classArmId]'";

                        $rs = $conn->query($query);
                        $num = $rs->num_rows;
                        $sn=0;
                        $status="";
                        if($num > 0)
                        {
                            while ($rows = $rs->fetch_assoc())
                            {
                                if($rows['status'] == '1'){ $status = "Present"; $colour="#00FF00";}else{ $status =
"Absent"; $colour="#FF0000";}
                                $sn = $sn + 1;
                                echo"
                                <tr> <td>". $sn. "</td>

```



```

        <td>".$rows['firstName']. "</td><td>".$rows['lastName']. "</td>
        <td>".$rows['otherName']. "</td><td>".$rows['admissionNumber']. "</td>
        <td>".$rows['className']. "</td><td>".$rows['classArmName']. "</td>
        <td>".$rows['sessionName']. "</td><td>".$rows['termName']. "</td>
        <td style='background-color: ".$colour."'>".$status. "</td>
        <td>".$rows['dateTimeTaken']. "</td> </tr>";
    } }
    else{
        echo
        "<div class='alert alert-danger' role='alert'>
        No Record Found!
        </div>"; }}
    ?> </tbody></table> </div></div></div></div></div>

<!--Row-->
<!-- Documentation Link --> <!-- <div class="row">
    <div class="col-lg-12 text-center">
        <p>For more documentations you can visit<a
href="https://getbootstrap.com/docs/4.3/components/forms/"
        target="_blank">
        bootstrap forms documentations.</a> and <a
        href="https://getbootstrap.com/docs/4.3/components/input-group/" target="_blank">bootstrap input
        groups documentations</a></p></div></div> -->
</div> <!--Container Fluid-->
</div> <!-- Footer -->
    <?php include "Includes/footer.php";?>
    <!-- Footer --> </div></div>

<!-- Scroll to top -->
<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i>
</a> <script src="../../vendor/jquery/jquery.min.js"></script>
<script src="../../vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="../../vendor/jquery-easing/jquery.easing.min.js"></script>
<script src="js/ruang-admin.min.js"></script>
<!-- Page level plugins -->
<script src="../../vendor/datatables/jquery.dataTables.min.js"></script>
<script src="../../vendor/datatables/dataTables.bootstrap4.min.js"></script>
<!-- Page level custom scripts -->
<script>
$(document).ready(function () {
    $('#dataTable').DataTable(); // ID From dataTable

```

```

$( '#dataTableHover' ).DataTable(); // ID From dataTable with Hover
}); </script></body></html>

```

View student attendance :

```

<?php
error_reporting(0);
include '../Includes/dbcon.php';
include '../Includes/session.php';
?> <!DOCTYPE html>
<html lang="en"><head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">
    <link href="img/logo/atnlg.jpg" rel="icon">
    <title>Dashboard</title>
    <link href="../vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">
    <link href="../vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet" type="text/css">
    <link href="css/ruang-admin.min.css" rel="stylesheet"><script>
    function typeDropDown(str) {
    if (str == "") {document.getElementById("txtHint").innerHTML = "";
        return; } else {
        if (window.XMLHttpRequest) {
            // code for IE7+, Firefox, Chrome, Opera, Safari
            xmlhttp = new XMLHttpRequest();
        } else {
            // code for IE6, IE5
            xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");
        }xmlhttp.onreadystatechange = function() {
            if (this.readyState == 4 && this.status == 200) {
                document.getElementById("txtHint").innerHTML = this.responseText;
            } };
        xmlhttp.open("GET","ajaxCallTypes.php?tid="+str,true);
        xmlhttp.send();
    }}
</script></head><body id="page-top"><div id="wrapper">
    <!-- Sidebar --><?php include "Includes/sidebar.php";?>

```

```

<!-- Sidebar --><div id="content-wrapper" class="d-flex flex-column">
  <div id="content"> <!-- TopBar -->
    <?php include "Includes/topbar.php";?>
    <!-- Topbar -->
<!-- Container Fluid--> <div class="container-fluid" id="container-wrapper">
  <div class="d-sm-flex align-items-center justify-content-between mb-4">
    <h1 class="h3 mb-0 text-gray-800">View Student Attendance</h1>
    <ol class="breadcrumb">
      <li class="breadcrumb-item"><a href="."/">Home</a></li>
      <li class="breadcrumb-item active" aria-current="page">View Student Attendance</li></ol></div>
  <div class="row"><div class="col-lg-12">
    <!-- Form Basic --><div class="card mb-4">
      <div class="card-header py-3 d-flex flex-row align-items-center justify-content-between"> <h6
class="m-0 font-weight-bold text-primary">View Student Attendance</h6>
      <?php echo $statusMsg; ?> </div>
      <div class="card-body"><form method="post">
        <div class="form-group row mb-3">
          <div class="col-xl-6"><label class="form-control-label">Select Student<span class="text-danger
ml-2">*</span></label>
          <?php
            $qry= "SELECT * FROM tblstudents where classId = '$_SESSION[classId]' and classArmId =
$_SESSION[classArmId]' ORDER BY firstName ASC";
            $result = $conn->query($qry);
            $num = $result->num_rows;
            if ($num > 0){
              echo '<select required name="admissionNumber" class="form-control mb-3">';
              echo'<option value="">--Select Student--</option>';
              while ($rows = $result->fetch_assoc()){
                echo'<option
                value="'. $rows['admissionNumber']. '
                >'. $rows['firstName']. '
                '. $rows['lastName']. '</option>';
              }echo '</select>'; }
            ?> </div>
          <div class="col-xl-6">
            <label class="form-control-label">Type<span class="text-danger ml-2">*</span></label>
            <select required name="type" onchange="typeDropDown(this.value)" class="form-control mb-
3"><option value="">--Select--</option>
              <option value="1" >All</option> <option value="2" >By Single Date</option> <option
value="3" >By Date Range</option>
            </select></div>
          </div>
          <?php

```

```

        echo"<div id='txtHint'></div>";
    ?> <!-- <div class="form-group row mb-3">
        <div class="col-xl-6">
            <label        class="form-control-label">Select        Student<span        class="text-danger        ml-
2">*</span></label>
        </div> <div class="col-xl-6">
            <label class="form-control-label">Type<span class="text-danger ml-2">*</span></label>
        </div></div> -->
        <button        type="submit"        name="view"        class="btn        btn-primary">View
Attendance</button></form></div></div>
<!-- Input Group -->
    <div class="row">
        <div class="col-lg-12">
            <div class="card mb-4">
                <div class="card-header py-3 d-flex flex-row align-items-center justify-content-between">
                    <h6 class="m-0 font-weight-bold text-primary">Class Attendance</h6>
                </div> <div class="table-responsive p-3">
                    <table class="table align-items-center table-flush table-hover" id="dataTableHover">
                        <thead class="thead-light"><tr>
                            <th>#</th><th>First Name</th><th>Last Name</th>
                            <th>Other Name</th><th>Admission No</th><th>Class</th>
                            <th>semester</th><th>Session</th><th>sem</th><th>Status</th>
                            <th>Date</th></tr></thead>

                        <tbody>
                            <?php
                                if(isset($_POST['view'])){
                                    $admissionNumber = $_POST['admissionNumber'];
                                    $type = $_POST['type'];
                                    if($type == "1"){ //All Attendance
                                        $query
                                            =
                                            "SELECT
tblattendance.Id,tblattendance.status,tblattendance.dateTimeTaken,tblclass.className,
tblclassarms.classArmName,tblsessionterm.sessionName,tblsessionterm.termId,tblterm.termName,
tblstudents.firstName,tblstudents.lastName,tblstudents.otherName,tblstudents.admissionNumber
FROM tblattendance
INNER JOIN tblclass ON tblclass.Id = tblattendance.classId
INNER JOIN tblclassarms ON tblclassarms.Id = tblattendance.classArmId
INNER JOIN tblsessionterm ON tblsessionterm.Id = tblattendance.sessionTermId
INNER JOIN tblterm ON tblterm.Id = tblsessionterm.termId
INNER JOIN tblstudents ON tblstudents.admissionNumber = tblattendance.admissionNo

```

```

        where tblattendance.admissionNo = '$admissionNumber' and tblattendance.classId =
'$_SESSION[classId]' and tblattendance.classArmId = '$_SESSION[classArmId]';          }
        if($type == "2"){ //Single Date Attendance
            $singleDate = $_POST['singleDate'];
            $query = "SELECT
tblattendance.Id,tblattendance.status,tblattendance.dateTimeTaken,tblclass.className,
tblclassarms.classArmName,tblsessionterm.sessionName,tblsessionterm.termId,tblterm.termName,
tblstudents.firstName,tblstudents.lastName,tblstudents.otherName,tblstudents.admissionNumber
FROM tblattendance
INNER JOIN tblclass ON tblclass.Id = tblattendance.classId
INNER JOIN tblclassarms ON tblclassarms.Id = tblattendance.classArmId
INNER JOIN tblsessionterm ON tblsessionterm.Id = tblattendance.sessionTermId
INNER JOIN tblterm ON tblterm.Id = tblsessionterm.termId
INNER JOIN tblstudents ON tblstudents.admissionNumber = tblattendance.admissionNo
where tblattendance.dateTimeTaken = '$singleDate' and tblattendance.admissionNo =
'$admissionNumber' and tblattendance.classId = '$_SESSION[classId]' and tblattendance.classArmId =
'$_SESSION[classArmId]';
        }
        if($type == "3"){ //Date Range Attendance
            $fromDate = $_POST['fromDate'];
            $toDate = $_POST['toDate'];
            $query = "SELECT
tblattendance.Id,tblattendance.status,tblattendance.dateTimeTaken,tblclass.className,
tblclassarms.classArmName,tblsessionterm.sessionName,tblsessionterm.termId,tblterm.termName,
tblstudents.firstName,tblstudents.lastName,tblstudents.otherName,tblstudents.admissionNumber
FROM tblattendance
INNER JOIN tblclass ON tblclass.Id = tblattendance.classId
INNER JOIN tblclassarms ON tblclassarms.Id = tblattendance.classArmId
INNER JOIN tblsessionterm ON tblsessionterm.Id = tblattendance.sessionTermId
INNER JOIN tblterm ON tblterm.Id = tblsessionterm.termId
INNER JOIN tblstudents ON tblstudents.admissionNumber = tblattendance.admissionNo
where tblattendance.dateTimeTaken between '$fromDate' and '$toDate' and
tblattendance.admissionNo = '$admissionNumber' and tblattendance.classId = '$_SESSION[classId]' and
tblattendance.classArmId = '$_SESSION[classArmId]';
        }
        $rs = $conn->query($query);
        $num = $rs->num_rows;
        $sn=0;
        $status="";
        if($num > 0)
        { while ($rows = $rs->fetch_assoc())

```

```

        {
            if($rows['status'] == '1'){ $status = "Present"; $colour="#00FF00"; }else{ $status =
"Absent"; $colour="#FF0000"; }
            $sn = $sn + 1;
            echo"
                <tr> <td>". $sn. "</td><td>". $rows['firstName']. "</td><td>". $rows['lastName']. "</td>
                <td>". $rows['otherName']. "</td><td>". $rows['admissionNumber']. "</td>
                <td>". $rows['className']. "</td><td>". $rows['classArmName']. "</td><td>". $rows['sessionName']. "</td><td>".
                $rows['termName']. "</td><td style='background-color: ". $colour. "'>". $status. "</td>
                <td>". $rows['dateTimeTaken']. "</td> </tr>";
            } }
        else {
            echo
            "<div class='alert alert-danger' role='alert'>
            No Record Found!
            </div>";    }    }

        ?> </tbody></table></div></div></div></div></div><!--Row-->
        <!-- Documentation Link -->
        <!-- <div class="row">
            <div class="col-lg-12 text-center">
                <p>For more documentations you can visit<a
href="https://getbootstrap.com/docs/4.3/components/forms/"
                target="_blank">
                bootstrap forms documentations.</a> and <a
                href="https://getbootstrap.com/docs/4.3/components/input-group/" target="_blank">bootstrap input
                groups documentations</a></p>
            </div> </div> --></div>
        <!--Container Fluid-->
        </div><!-- Footer -->
        <?php include "Includes/footer.php";?>
        <!-- Footer -->
        </div></div>
        <!-- Scroll to top -->
        <a class="scroll-to-top rounded" href="#page-top">
            <i class="fas fa-angle-up"></i>
        </a>
        <script src="../../vendor/jquery/jquery.min.js"></script>
        <script src="../../vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
        <script src="../../vendor/jquery-easing/jquery.easing.min.js"></script>
        <script src="js/ruang-admin.min.js"></script>

```

```

<!-- Page level plugins -->
<script src="../vendor/datatables/jquery.dataTables.min.js"></script>
<script src="../vendor/datatables/dataTables.bootstrap4.min.js"></script>
<!-- Page level custom scripts -->
<script>
$(document).ready(function () {
    $('#dataTable').DataTable(); // ID From dataTable
    $('#dataTableHover').DataTable(); // ID From dataTable with Hover
}); </script> </body></html>

```

View students :

```

<?php
error_reporting(0);
include '../Includes/dbcon.php';
include '../Includes/session.php'; $query = "SELECT tblclass.className,tblclassarms.className
FROM tblclassteacher
INNER JOIN tblclass ON tblclass.Id = tblclassteacher.classId
INNER JOIN tblclassarms ON tblclassarms.Id = tblclassteacher.classArmId
Where tblclassteacher.Id = '$_SESSION[userId]'";
$rs = $conn->query($query);
$num = $rs->num_rows;
$rrw = $rs->fetch_assoc(); ?>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
<meta name="description" content="">
<meta name="author" content="">
<link href="img/logo/atnlg.jpg" rel="icon">
<title>Dashboard</title>
<link href="../vendor/fontawesome-free/css/all.min.css" rel="stylesheet" type="text/css">
<link href="../vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet" type="text/css">
<link href="css/ruang-admin.min.css" rel="stylesheet">
<script>
function classArmDropdown(str) {
if (str == "") {
    document.getElementById("txtHint").innerHTML = "";

```

```

        return;
    } else {
        if (window.XMLHttpRequest) {
            // code for IE7+, Firefox, Chrome, Opera, Safari
            xmlhttp = new XMLHttpRequest();
        } else {
            // code for IE6, IE5
            xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");
        }
        xmlhttp.onreadystatechange = function() {
            if (this.readyState == 4 && this.status == 200) {
                document.getElementById("txtHint").innerHTML = this.responseText;
            }
        };
        xmlhttp.open("GET","ajaxClassArms2.php?cid="+str,true);
        xmlhttp.send();
    } }</script> </head>
<body id="page-top">
    <div id="wrapper">    <!-- Sidebar -->
        <?php include "Includes/sidebar.php";?>
    <!-- Sidebar -->
    <div id="content-wrapper" class="d-flex flex-column">
        <div id="content"> <!-- TopBar -->
            <?php include "Includes/topbar.php";?>
        <!-- Topbar -->
    <!-- Container Fluid-->    <div class="container-fluid" id="container-wrapper">
        <div class="d-sm-flex align-items-center justify-content-between mb-4">
            <h1 class="h3 mb-0 text-gray-800">All Student in (<?php echo $rrw['className']. ' -
'. $rrw['classArmName'];?>) Class</h1>
            <ol class="breadcrumb">
                <li class="breadcrumb-item"><a href="#">Home</a></li>
                <li class="breadcrumb-item active" aria-current="page">All Student in Class</li>
            </ol> </div> <div class="row">
                <div class="col-lg-12">
                    <!-- Form Basic -->
                <!-- Input Group -->    <div class="row">
                    <div class="col-lg-12"> <div class="card mb-4">
                        <div class="card-header py-3 d-flex flex-row align-items-center justify-content-between">
                            <h6 class="m-0 font-weight-bold text-primary">All Student In Class</h6>
                        </div><div class="table-responsive p-3">
                            <table class="table align-items-center table-flush table-hover" id="dataTableHover"><thead
class="thead-light">

```



```

        <tr><th>#</th>
        <th>First Name</th><th>Last Name</th>
        <th>Other Name</th> <th>Admission No</th>
        <th>Class</th> <th>Class Arm</th> </tr>
    </thead><tbody>

<?php
    $query = "SELECT tblstudents.Id,tblclass.className,tblclassarms.classArmName,tblclassarms.Id
AS classArmId,tblstudents.firstName,
    tblstudents.lastName,tblstudents.otherName,tblstudents.admissionNumber,tblstudents.dateCreated
FROM tblstudents
INNER JOIN tblclass ON tblclass.Id = tblstudents.classId
INNER JOIN tblclassarms ON tblclassarms.Id = tblstudents.classArmId
where    tblstudents.classId    =    '$_SESSION[classId]'    and    tblstudents.classArmId    =
'$_SESSION[classArmId]";
    $rs = $conn->query($query);
    $num = $rs->num_rows;
    $sn=0;
    $status="";
    if($num > 0)
    {
        while ($rows = $rs->fetch_assoc())
        {
            $sn = $sn + 1;
            echo"
            <tr>
                <td>". $sn."</td>
                <td>". $rows['firstName']."</td><td>". $rows['lastName']."</td>
                <td>". $rows['otherName']."</td><td>". $rows['admissionNumber']."</td>
                <td>". $rows['className']."</td> <td>". $rows['classArmName']."</td>
            </tr>";
        }
    }
    else
    {echo
        "<div class='alert alert-danger' role='alert'>
        No Record Found!
        </div>"; }

    ?> </tbody></table></div></div></div> </div></div>

<!--Row-->      <!-- Documentation Link -->
<!-- <div class="row">
    <div class="col-lg-12 text-center">
        <p>For          more          documentations          you          can          visit<a
href="https://getbootstrap.com/docs/4.3/components/forms/"

```

```

        target="_blank">
        bootstrap forms documentations.</a> and <a
        href="https://getbootstrap.com/docs/4.3/components/input-group/" target="_blank">bootstrap input
        groups documentations</a></p>
    </div> </div> --> </div>
    <!--Container Fluid--></div>
    <!-- Footer --><?php include "Includes/footer.php";?>
    <!-- Footer --></div></div>
<!-- Scroll to top -->
<a class="scroll-to-top rounded" href="#page-top">
    <i class="fas fa-angle-up"></i> </a>
<script src="../../vendor/jquery/jquery.min.js"></script>
<script src="../../vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="../../vendor/jquery-easing/jquery.easing.min.js"></script>
<script src="js/ruang-admin.min.js"></script>
<!-- Page level plugins -->
<script src="../../vendor/datatables/jquery.dataTables.min.js"></script>
<script src="../../vendor/datatables/dataTables.bootstrap4.min.js"></script>
<!-- Page level custom scripts -->
<script>
$(document).ready(function () {
    $('#dataTable').DataTable(); // ID From dataTable
    $('#dataTableHover').DataTable(); // ID From dataTable with Hover
}); </script> </body> </html>

```

Download record :

```

<?php
error_reporting(0);
include '../Includes/dbcon.php';
include '../Includes/session.php';
?> <table border="1">  <thead><tr>
    <th>#</th><th>First Name</th>
    <th>Last Name</th><th>SUB code</th>
    <th>Register No</th><th>Class</th>
    <th>Semester</th><th>Session</th>
    <th>Sem</th><th>Status</th>
    <th>Date</th></tr> </thead>
<?php
$filename="Attendance list";

```

```

$dateTaken = date("Y-m-d");
$cnt=1;
$ret          =          mysqli_query($conn,"SELECT
tblattendance.Id,tblattendance.status,tblattendance.dateTimeTaken,tblclass.className,
tblclassarms.classArmName,tblsessionterm.sessionName,tblsessionterm.termId,tblterm.termName,tblstudents.fi
rstName,tblstudents.lastName,tblstudents.otherName,tblstudents.admissionNumber
FROM tblattendance
INNER JOIN tblclass ON tblclass.Id = tblattendance.classId
INNER JOIN tblclassarms ON tblclassarms.Id = tblattendance.classArmId
INNER JOIN tblsessionterm ON tblsessionterm.Id = tblattendance.sessionTermId
INNER JOIN tblterm ON tblterm.Id = tblsessionterm.termId
INNER JOIN tblstudents ON tblstudents.admissionNumber = tblattendance.admissionNo
where tblattendance.dateTimeTaken = '$dateTaken' and tblattendance.classId = '$_SESSION[classId]' and
tblattendance.classArmId = '$_SESSION[classArmId]'");
if(mysqli_num_rows($ret) > 0 )
{ while ($row=mysqli_fetch_array($ret)) {
    if($row['status'] == '1'){ $status = "Present"; $colour="#00FF00";}else{ $status =
"Absent"; $colour="#FF0000";}
echo ' <tr> <td>'. $cnt.'</td>
<td>'. $firstName= $row['firstName'].'</td> <td>'. $lastName= $row['lastName'].'</td>
<td>'. $otherName= $row['otherName'].'</td>
<td>'. $admissionNumber= $row['admissionNumber'].'</td>
<td>'. $className= $row['className'].'</td>
<td>'. $classArmName= $row['classArmName'].'</td>
<td>'. $sessionName= $row['sessionName'].'</td>
<td>'. $termName= $row['termName'].'</td>
<td>'. $status= $status.'</td> <td>'. $dateTimeTaken= $row['dateTimeTaken'].'</td>
</tr> ';
header("Content-type: application/octet-stream");
header("Content-Disposition: attachment; filename=".$filename."-report.xls");
header("Pragma: no-cache");
header("Expires: 0"); $cnt++;
}}
?> </table>

```
