



**Graphic Era**  
Deemed to be University

**MINI PROJECT Semester 3(2021-2022)**  
**Topic – Student Record Maintenance System**



**ACADEMIA**

**Name – Aditya Bahl**  
**Project Guide - Mr.Pankaj Kumar**  
**HOD -Devesh Pratap Singh**  
**University Roll No. – 2016580**  
**Semester – 3**  
**Section –B**  
**Class Roll No. – 25**

# DECLARATION

I, **Aditya Bahl** student of **B-tech, Semester 3**,  
Department of Computer Science and Engineering,  
Graphic Era Deemed University, Dehradun,  
declare that the technical project work entitled  
**“Student Record Maintenance System”** has been  
carried out by me and submitted in partial  
fulfillment of the course requirements for the  
award of degree in B.Tech of Graphic Era Deemed  
University during the academic year **2021-2022**.  
The matter embodied in this synopsis has not been  
submitted to any other university or institution for  
the award of any other degree or diploma.

**Date: 26/02/21**



## ***CERTIFICATE***

This is to certify that the project report entitled **“Student Record Maintenance System”** is a bonafide project work carried out by Priyank Choudhary , roll no- 2014783. in partial fulfillment of award of degree of B.Tech of Graphic Era Deemed University, Dehradun during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated. The project has been approved as it satisfies the academic requirements associated with the degree mentioned.

**Dr. Devesh Pratap Singh**  
**HOD ( Computer Science)**

## **PROBLEM STATEMENT –**

A Student Records Maintenance System is a software developed for daily student attendance in schools, colleges and institutes. It facilitates information of students in an organisation. This system will also help in displaying and deleting information of a student.

## **BRIEF MOTIVATION –**

Student Record Maintenance Systems can be used by education institutions to maintain the records of students efficiently and in unprecedented quantities in a more secure and approachable method, ensuring data transparency as well as encapsulation of the data. Achieving this objective is difficult using a manual system as the information is scattered and redundant moreover collecting the relevant information may be a hectic process if not automated and time consuming which would prohibit the faculties from having the time required for an efficient learning. This is where my mini-project Academia comes into play.

## Project Introduction -

Academia aims to provide the necessary tools to the teachers of an institution to better manage and execute the ever expanding databases of the students.

There are **four** major components of this project -

1. Creation of records.
2. Storage of records.
3. Display of records.
4. Deletion of records.

## Tools Used -

1. **PHP** - For Structuring and connecting SQL based server to the web application.
2. **SQL** - Used for creation, maintenance, storage and deletion of the database.
3. **HTML** - Used for the texts and medias in the website.
4. **Java Script** - Used in various components, primarily in form of the bootstraps components(for eg- the Navbars).
5. **CSS** - Used Similarly like java script.
6. **Bootstraps** - For visual components.

7. **VS Code** - For Writing codes.

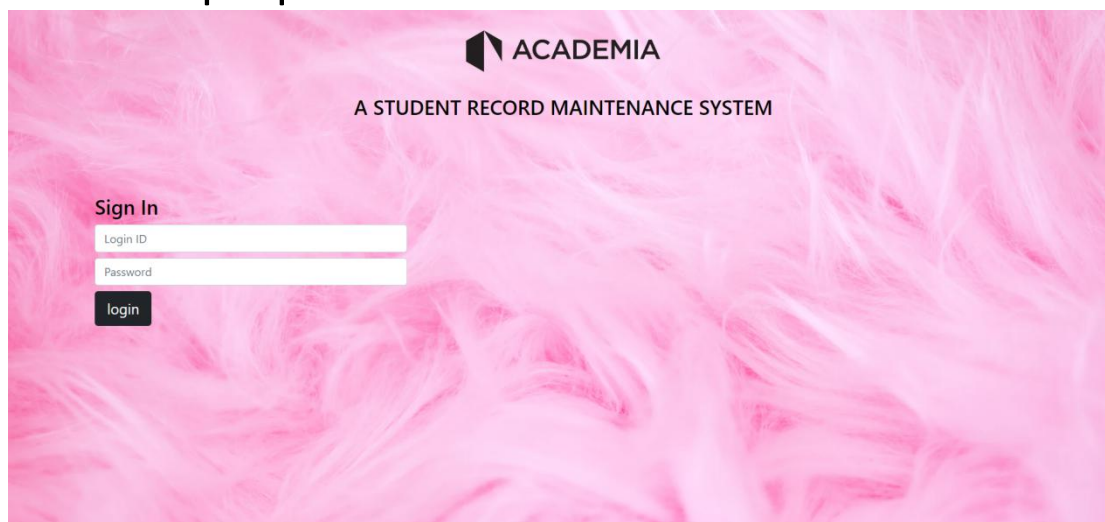
8. **XAMPP** - For connecting the codes to the database.

## **Methodologies Followed -**

1.) **A Custom Logo** - Rather than using stock logos which do not offer the sense of vision and direction, our logo is hand crafted and custom built, offering a more personalized connection with the customer.



2.) **Login Page** - to only allows users registered with the proper User ID and Password.



3.) **Home Page** - Images dynamically showcasing the project and its back-end in carousel mode with

timed transitions and control features and in brief along with Team Academia's Goals and Vision for a more future based and effective learning environment in educational institutions.

sno	name	gname	course	year	section	roll	regnum	age	m1	m2	m3	m4	m5	attperc	email	date
1	Aditya Bahl	Shipra Bahl	B tech	2	B	25	20021038	20	99	98	97	96	95	94	adityabahl12345@gmail.com	2022-02-22 13:18:12
2	Ayush Jain	Mikha Jain	BCA	2	D	12	20021040	98	89	75	30	76	91	68	ayush@gmail.com	2022-02-22 19:51:12
3	Nandika Bahl	Shipra Bahl	BDS	1	A	15	27022002	98	89	99	80	99	91	75	nandikabahl@gmail.com	2022-02-22 19:51:51
4	Malvika Kunwarson	Deepak Kunwarson	B tech	2	B	68	20021041	21	89	87	92	76	93	68	malvika@gmail.com	2022-02-22 19:51:52

### *Changing the World, One by One.*

"We at Team Academia strongly believe that the potential of a child is limitless. So it becomes natural that the ones shaping the future, teachers; be given the right tool. This inspired us to make this website. An effective yet simple website that has the potential to propel every school that uses it, and which would directly impact the lives of the teachers, the students, which would then impact the economy and the nation, all in all helping the world become a much happier place than it already is." - Team Academia

## 4.) Add Details Page -

### A) Name of the Database - srms

### B) Details Added -

- i.) S.No
- ii.) Name
- iii.) Guardian's Name
- iv.) Course
- v.) Year
- vi.) Section
- vii.) Roll
- viii.) Registration Number
- ix.) Age
- x.) Subject Marks 1
- xi.) Subject Marks 2
- xii.) Subject Marks 3
- xiii.) Subject Marks 4

- xiv.) Subject Marks 5
- xv.) Attendance Percentage
- xvi.) Email
- Xvii.) Date

ACADEMIA
Home
Add Details
Display/Delete Details
Report
More Actions
Log Out

### Add Details

Full Name  
Eg - Aditya Bahl

Guardian's Name  
Eg - Shipra Bahl

Course  
Eg - B.tech

Year And Section  
Eg - 2      Eg - 8

Class Roll Number  
Eg - 25

Registration Number(Unique)  
Eg - 20021038

Age  
Eg - 20

Marks in Subject 1  
Eg - 98

Marks in Subject 2  
Eg - 98

Marks in Subject 3  
Eg - 98

Marks in Subject 4  
Eg - 98

Marks in Subject 5  
Eg - 98

Attendance Percentage  
Eg - 98

Email Address  
Eg - adityabahl12345@gmail.com

For Sharing of Information Regarding the Activities and Events of Graphic Era University only

☐ I have checked all the details prior to the submission of the form

Submit

### 3.) Displaying Details -

**A. Sorted View** - applied in all classes of details in ascending or descending order.

**B. Search Bar** - Search any keyword or reference to the information.

*(for example, if someone wanted to search for Aditya, they can just search Adi and every information with Adi in it will be displayed, no matter which class of information is stored in it.)*



**C. Option to View Information in various packets** - For example it has options of viewing 10,25,50 or 100 records per page.

**D. Marks Percentage** - The marks inputted for the 5 subjects in various records will be calculated and displayed as the overall marks percentage.

**E. Various Number of Pages** - According to the number of Records Inserted, provided with a next and previous button too, for a seamless way to transition from a set of records to the another.

ACADEMIA Home Add Details Display/Delete Details Report More Actions Log Out											
Show 10 entries			Search:								
S.No	Name	Guardian's Name	Course	Year	Section	Roll Number	Registration Number	Age	Marks Percentage	Attendance percentage	Actions
1	Aditya Bahl	Shipra Bahl	B.tech	2	B	25	20021038	20	97	94	Delete
2	Ayush Jain	Milkha Jain	BCA	2	D	12	20021040	98	72.2	68	Delete
3	Nandika Bahl	Shipra Bahl	BDS	1	A	15	27022002	98	91.6	75	Delete
4	Malvika Kunwarsen	Deepak Kunwarsen	B.tech	2	B	68	20021041	21	87.4	68	Delete
5	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	82.2	68	Delete
6	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	82.2	68	Delete
7	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	82.2	68	Delete
8	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	82.2	68	Delete
9	Narendra	Rajendra	BBA	3	G	2	27022002	98	82.2	68	Delete

**4.) Deletion of Details** - Information deletion from the Database.

1	Aditya Bahl	Shipra Bahl	B.tech	2	B	25	20021038	20	97	94	<a href="#">Delete</a>
2	Ayush Jain	Milkha Jain	BCA	2	D	12	20021040	98	72.2	68	<a href="#">Delete</a>
3	Nandika Bahl	Shipra Bahl	BDS	1	A	15	27022002	98	91.6	75	<a href="#">Delete</a>
4	Malvika Kunwarsen	Deepak Kunwarsen	B.tech	2	B	68	20021041	21	87.4	68	<a href="#">Delete</a>
5	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	82.2	68	<a href="#">Delete</a>
6	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	82.2	68	<a href="#">Delete</a>
7	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	82.2	68	<a href="#">Delete</a>
8	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	82.2	68	<a href="#">Delete</a>
9	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	82.2	68	<a href="#">Delete</a>
10	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	82.2	68	<a href="#">Delete</a>

Showing 1 to 10 of 16 entries


Previous **1** 2 Next

5.) **Report Button** - allows the user to see the report(this document) of the project, directly with this button.

6.) **About Us Page** - gives information about Team Academia along with a surprise feature.




## About Us (^\_^)




**Graphic Era**  
Deemed to be University

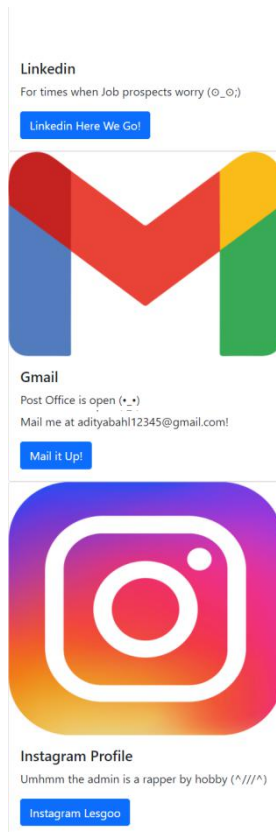
**Aditya Bahl**  
A student of Graphic Era University pursuing B.tech CSE, currently in my 2nd Year.  
The only member in this group:~(〃)~  
This is my Mini-Project

[Graphic Era University](#) [Sssh... Secret 😏](#)



**Github Profile**  
A coder is incomplete without one! 🐙  
[Into The Github World!](#)





**7.) Contact Us Page** - Allows the user to feed in his or her details namely name and email which is stored in a different database, which can then be used by the administrator to get in touch with them, for sharing of any relevant information.

**Contact Us**

Name

Email Address

We'll never share your email with anyone else.

☐ I agree to be contacted By Team ACADEMIA

(Showing Database Below only for Presentation purposes, will be hidden in case of deployment.)

Hello Aditya Bahl! your email ID is adityabahl12345@gmail.com  
 Hello Joe Biden! your email ID is joe Biden@yahoo.com  
 Hello Narendra Modi! your email ID is narendramodi@hotmail.com  
 Hello Nandika! your email ID is nandika@gmail.com  
 Hello Aryan Yadev! your email ID is arianyadev@gmail.com  
 Hello Isha Gupta! your email ID is ishagupta@gmail.com  
 Hello Narendra Modi! your email ID is narendramodi@gmail.com  
 Hello Isha! your email ID is

**8.) Suggestions** - Allows the user to feed in his or her details namely name, email and suggestions

which is stored in a different database, which can then be used by the administrator to follow up with the person suggesting any changes, or simply view the suggestions.

ACADEMIA Home Add Details Display/Delete Details Report More Actions Log Out

Thank you for your Suggestions (•'◡'•)

Name

Email Address

We'll never share your email with anyone else.

Your Suggestions (max 500 words)

Your Valuable Inputs will help us improve

Submit

9.) Log Out - Logs out the user out of the Website.

10.) DATABASE -

phpMyAdmin Server: 192.0.0.1 > Database: <mysql> > Table: details

Showing rows 0 - 15 (16 total, Query took 0.0014 seconds)

SELECT \* FROM `details`

Options

	sno	name	gname	course	year	section	roll	regnum	age	m1	m2	m3	m4	m5	attperc	email	date
<input type="checkbox"/>	1	Aditya Bahl	Shrpa Bahl	B.tech	2	B	25	20021038	20	99	98	97	96	95	94	adityabahl12345@gmail.com	2022-02-22 13:18:12
<input type="checkbox"/>	2	Ayush Jain	Mikha Jain	BCA	2	D	12	20021040	98	89	75	30	76	91	68	ayush@gmail.com	2022-02-22 19:51:12
<input type="checkbox"/>	3	Nandika Bahl	Shrpa Bahl	BDS	1	A	15	27022002	98	89	99	80	99	91	75	nandikabahl@gmail.com	2022-02-22 19:51:51
<input type="checkbox"/>	4	Malvika Kunwarsen	Deepak Kunwarsen	B.tech	2	B	68	20021041	21	89	87	92	76	93	68	malvika@gmail.com	2022-02-22 19:51:52
<input type="checkbox"/>	13	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	89	75	80	76	91	68	narendramodi@gmail.com	2022-02-22 19:51:52
<input type="checkbox"/>	14	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	89	75	80	76	91	68	narendramodi@gmail.com	2022-02-22 19:51:52
<input type="checkbox"/>	15	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	89	75	80	76	91	68	narendramodi@gmail.com	2022-02-22 19:51:53
<input type="checkbox"/>	16	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	89	75	80	76	91	68	narendramodi@gmail.com	2022-02-22 19:51:53
<input type="checkbox"/>	17	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	89	75	80	76	91	68	narendramodi@gmail.com	2022-02-22 19:51:54
<input type="checkbox"/>	18	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	89	75	80	76	91	68	narendramodi@gmail.com	2022-02-22 19:51:54
<input type="checkbox"/>	19	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	89	75	80	76	91	68	narendramodi@gmail.com	2022-02-22 19:51:55
<input type="checkbox"/>	20	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	89	75	80	76	91	68	narendramodi@gmail.com	2022-02-22 19:51:55
<input type="checkbox"/>	21	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	89	75	80	76	91	68	narendramodi@gmail.com	2022-02-22 19:51:56
<input type="checkbox"/>	22	Narendra Modi	Rajendra Modi	BBA	3	G	2	27022002	98	89	75	80	76	91	68	narendramodi@gmail.com	2022-02-22 19:51:57
<input type="checkbox"/>	23	Kartik Adhana	Manoj Adhana	B.com	2	I	15	20021069	22	98	99	78	66	47	97	kartik@gmail.com	2022-02-23 00:09:25

References -

1. Code With Harry playlist on PHP and mysql on YouTube - [PHP Tutorials in Hindi - YouTube](#)
2. Bootstraps - [Introduction • Bootstrap v5.1 \(getbootstrap.com\)](#)
3. Stack Overflow - [Stack Overflow - Where Developers Learn, Share, & Build Careers](#)

