

2nd year 2nd semester B.Sc. (Hons). Final Examination-2020

IIT-2200: Project Work-I & Course Viva

Student Activity Tracking System

(By using NODE JS)

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DECLARATION

This project report is submitted to the Institute Of Information Technology, Jahangirnaga University, Savar, Dhaka in partial fulfilment of the requirements for having the B.Sc (Hons.) degree in ICT. This is also needed to certify that the project work is under the 2nd year 2nd semester course of the IIT"ICT-2200: Semester Project work-I & Course Viva". So, we here declare that this project report has not been submitted elsewhere for the requirement of any kind of degree, diploma or publication.

ACCEPTANCE

This project is submitted to the Institute of Information Technology,Jahangirnagar University,Savar,Dhaka in partial fulfilment of the requirements for having the B.sc (hons). in IIT.

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Acknowledgements

First of all we would like to thank the Almighty Allah for giving us the opportunity to complete. This work successfully. Our acknowledgement is meant to express our sincere gratitude to all those people who have been associated with this project and have helped us with it and by sharing their experiences and valuable opinions through which we have received the required information crucial for our project. We are thankful to our parents for their relentless support. Most importantly we are grateful to our honourable supervisor who took time out to guide us and provide us with the necessary materials instructions & suggestions, time and sufficient knowledge that was the major requirement. Finally, we express our thanks to our honourable teacher **Md.Fazlul Karim Patwary** Sir for giving us the opportunity to learn node.js in a practical way.

ABSTRACT

Our motive is to make a program that will be able to store students information and keep tracking of their activities. And capable to gives some positive and negative points against the activities they have made . And it is able to shows a particular students total points during a time period . In this program, teachers can easily update students' information, points that is given against their activities.calculate the points of a student & further reuse or recheck the score of a student .And can also delete any students' record .This program will also save the given information of students in a database file so that it can be used later . In a word it is a very useful and simple program for storing a student's basic information and activities together in one place.

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Chapter-1

Introduction

1.1:Motivation

This document aims at defining an overall node js application for STUDENT ACTIVITY TRACKING SYSTEM. Efforts have been made to define the requirements exhaustively and accurately . The final product will be having only functionalities mentioned in this document and assumptions for any additional functionality/feature should not be made by any of the parties involved in developing/testing/implementing /using this product.

1.2: System Environment:

A) Hardware configuration:

1. Processor AMD Ryzen 3 5300U with Radeon Graphics
2. Installed RAM 8.00 GB(7.34GB usable)
3. Device ID 8D8733B8-B11A-4B7D-97DB-7B066B37FF3F
4. Product ID 00327-36316-64713-AAOEM
5. System type 64-bit operating system,x64-based processor
6. Pen and touch No pen or touch input is available for this display

B) Software configuration:

1. OS-Microsoft Windows 11 Pro
2. Visual Studio Code 1.65.2
3. Git bash

Dependencies Installation

1. NODE JS 16.14.2
2. Express-fileupload
3. Dotenv
4. Express-handler
5. Mysql 8.0.27
6. Nodemon
7. Express

1.3: Design:

Once the software requirements have been analysed and specified the software design involves three technical activities - design , coding , implementation and testing that are required to build and verify the software.The design activities are of main importance in this phase , because in this activity , decisions ultimately affecting the success of the software implementation and its ease of maintenance are made.These decisions have the final bearing upon reliability and maintainability of the system.Design is the only way to accurately translate the user's requirements into finished software or a system . So ,node js and its others components have been used for designing our system.

1.4: Objective:

The principal aim of this project is:

- 1. Make easy to keep track of students activity regularly**
- 2. To store students information**
- 3. To make it capable to gives points against the activities they have made**
- 4. Make it easy to find a particular students total points during a day , a month, a year or a time period**
- 5. To store all these informations in digital platform**
- 6. To reduce the human effort for maintain hardcopy for tracking students activities and students information**

Chapter 2

Methodology

2.1: Overview:

This system is able for users to make a way of listing students basic information including student id, batch, name, department and so on and able to keep tracking of their significant activities. For this system, first task is for users to log in with valid username and password. Then it refers to the home page and the system ask the admin which option he/she wants to choose. There are some options which are actually what the users want to select. There are some options like view, edit, delete and other options. There is an another option to create a new student profile. For this purpose user have to choose this option and it refers to another page by which the users can input the students' data and that will be stored in a database. and if user wants to find a particular students' information he/she can search by student class roll, name, batch, department. And if user wants to view a students profile choose view option and it refers another page which contain this students information and activity he/she have made and also able to see the points is given as well as the total points also shown here. Admin also able to edit a student profile and create an activity form to added a new activity. Users are able to delete a particular students information and activity form by select delete option. This system really reduce the monotonous human effort for storing student information and their significant activities they have done. The application will also generate a summary report regarding student information, tracking the activities they have made daily and shows the total points they get.

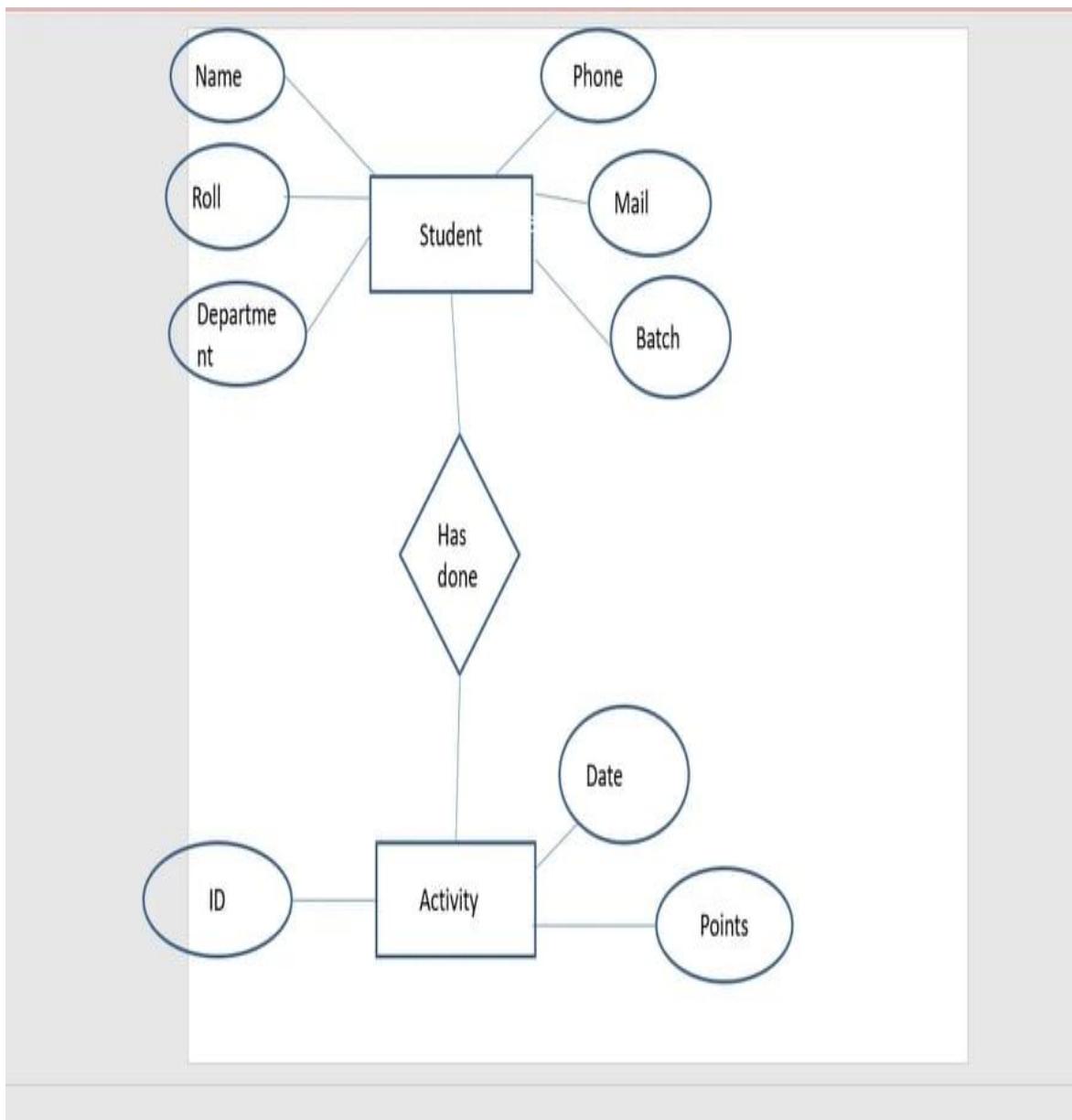
2.2 Algorithm:

Step 1. Collect Student Information

Step 2. Store activity for each student

Step 3. Show result

E-R Diagram:



Chapter 3

Result Description:

The application will manage the information about various students enrolled in the various departments in different batches. This system also keeps track of the activities that are made by a student and there is an option to give positive and negative points according to the significant activities the students have made. And it shows the total points a particular student got. Admin can see the list of the student according to batch or department. And able to see all the student as view all. This application will greatly simplify and speedy for storing student information and tracking student activities.

3.1: User Interface

1. At first ,it make sure that user is admin
2. If the user is admin himself, then the management page will appear.
(Access will be based upon the role of the user).
3. Users(admin)will be able to add /modify/delete information regarding points obtained by different students in different activities.

3.2 : User Security

Users at University will have to implement a security policy to safeguard the information from being modified by unauthorised users(by means of gaining access to backend DB).

3.3: Assumptions and Dependencies

The entity of the database table does not change. Admin can change the students' information and their regarding points is given for their significant activities for further use.

3.4: Folder Structure

	📁 node_modules	3/20/2022 11:09 AM	File folder	
	📁 public	3/17/2022 8:43 PM	File folder	
	📁 server	3/17/2022 8:42 PM	File folder	
	📁 upload	3/20/2022 11:55 AM	File folder	
↳	📁 views	3/22/2022 12:21 AM	File folder	
	📄 .env	3/20/2022 11:58 AM	ENV File	1 KB
	📄 app.js	3/21/2022 3:28 PM	JavaScript Source ...	2 KB
	📄 package.json	3/20/2022 11:09 AM	JSON Source File	1 KB
	📄 package-lock.json	3/20/2022 11:09 AM	JSON Source File	138 KB

3.5:External Interface

3.5.1: Home page:

In this page we see a page within a login button. Our system name is student activity tracking system.



Fig:(a)

ABOUT SECTION OF HOME PAGE: After clicking about section from home page, this refers a page like fig(b).



fig:(b)

3.5.3: Login view :

Fig(a) will be the first screen that will be displayed . It allows users to access different screens . This login screen for entering valid username and password (Only for admin).

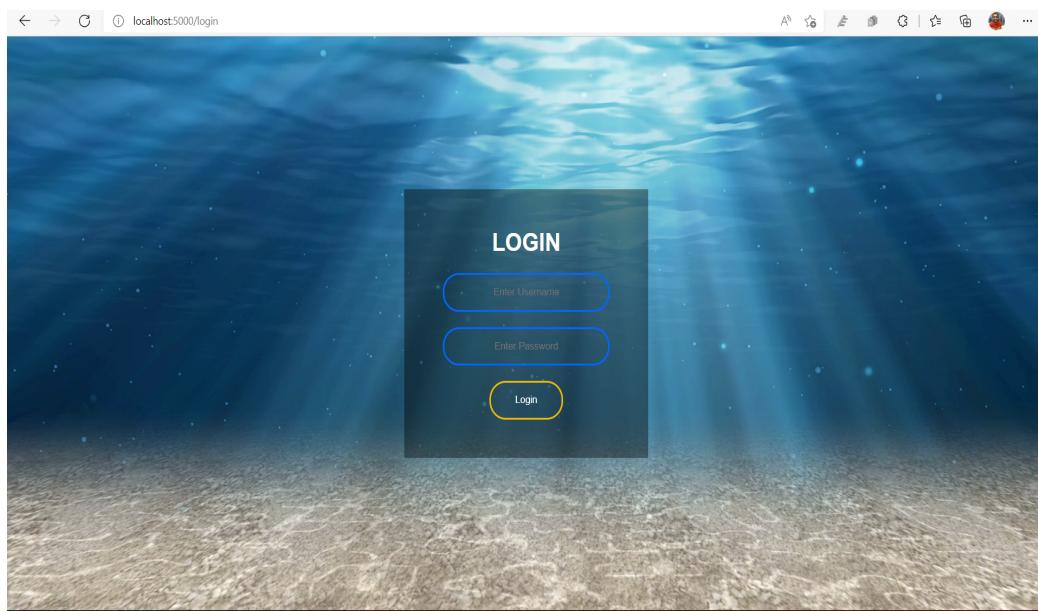


Fig:(c) :Login screen for entering the username, password(only for Admin).

3.5.4:Admin page

Admin manage the list of students and store their information and activities group by their department and batch.And also able to store all the information together at one place as view all.

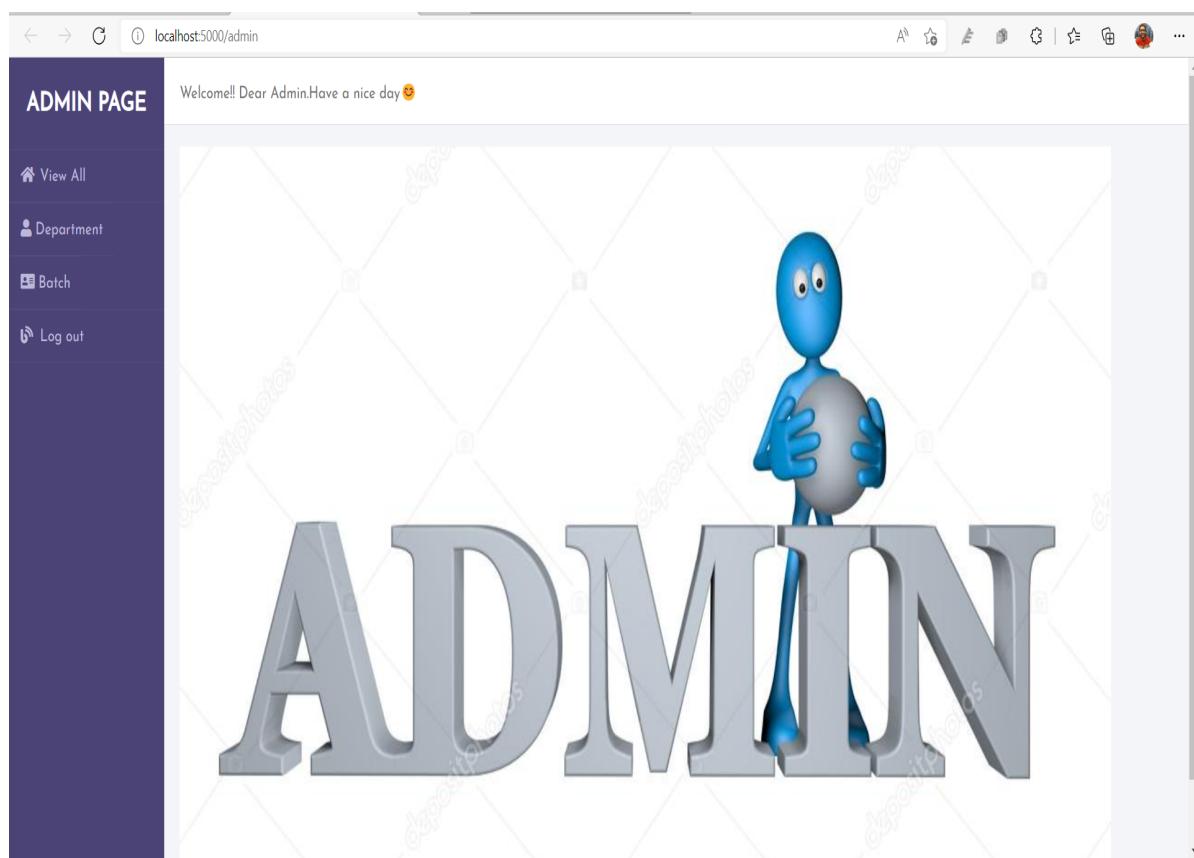


Fig:(d) : Admin screen

3.5.5: Student information page:

This page shows student information , and here is some options like view, Edit , Delete . By selecting an option admin can perform this task .And another option is to create a student profile.By selecting this option admin can add a new student information in this system.Here the navbar shows the search option ,by searching with roll,name,or other attribute admin can find out a particular student profile.

Roll	Name	Phone	Email	Hall	Batch	Department	Action
1780	Abu Rayhan	01715678352	rayhanju@gmail.com	Shahid Salam Barkat Hall	47	IIT	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="Entry"/>
1782	A K D M Ashik	01978976326	ashikhello@gmail.com	Al Beruni Hall	47	CSE	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="Entry"/>
1783	Mahin Ahmed	01718932478	mahin@gmail.com	Mowlana Bhashani Hall	47	CSE	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="Entry"/>
1784	Abu Huraira	01818932478	huraya@gmail.com	Mir Moszharraf Hossain Hall	47	IIT	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="Entry"/>
1785	Sahal Ahmed	01789762561	sahalammedJU@gmail.com	Shahid Salam barkat Hall	47	CSE	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="Entry"/>
1786	Ashraful Alom	01718945213	ashraful@gmail.com	Mowlana Bhashani Hall	47	IBA	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="Entry"/>

Fig:(e) :Shows information like roll,name,phone,email,hall, batch,department

3.5.6:Create a new profile

For create a new student profile ,choose the create new profile option ,then it refers to this page Fig(f) only for admin.

- i) Here is the first field to fill up with class roll which is used for the admin to add other information and activity.
- ii) Then Admin will specify the student by entering the student's name,phone,email hall,batch,department.
- iii) After clicking the submit button these information will be added to the database table. And there will appear a message that ensures that the profile is added successfully .

ie:No field can be blank,otherwise it will not save in the database and will give a error message.

The screenshot shows a web browser window with the URL 'localhost:5000/add-user'. The title bar reads 'Student Activity Tracking System'. The main content area has a header 'Home / New Profile'. Below the header are six input fields arranged in two columns: 'Class Roll' and 'Name', 'Phone' and 'Email', and 'Hall'. At the bottom is a blue 'Submit' button.

Class Roll	Name
Phone	Email
Hall	
Batch	Department

Submit

Fig:(f) : creating a new student profile

3.5.7: View profile

After view a profile by searching with class roll or other attributes its shows the information according to the search and also shows the all activity performed by this student and also shows his/her total points.

The screenshot displays a student profile for "Abu Ibrahim MD Moinuddin Miran". At the top, there's a navigation bar with "Home / View Profile". Below it, the student's name is centered. A table follows, listing basic details: Class Roll (2003), Full Name (Abu Ibrahim MD Moinuddin Miran), Phone Number (01723468974), Email (miran123@gmail.com), Hall (Shahid Salam Barkat Hall), Batch (48), and Department (IIT). A section titled "All Activity performed by this student showing below:" contains a table of activities with dates, descriptions, and given points. The total points are listed as "-20".

Class Roll	Full Name	Phone Number	Email	Hall	Batch	Department
2003	Abu Ibrahim MD Moinuddin Miran	01723468974	miran123@gmail.com	Shahid Salam Barkat Hall	48	IIT

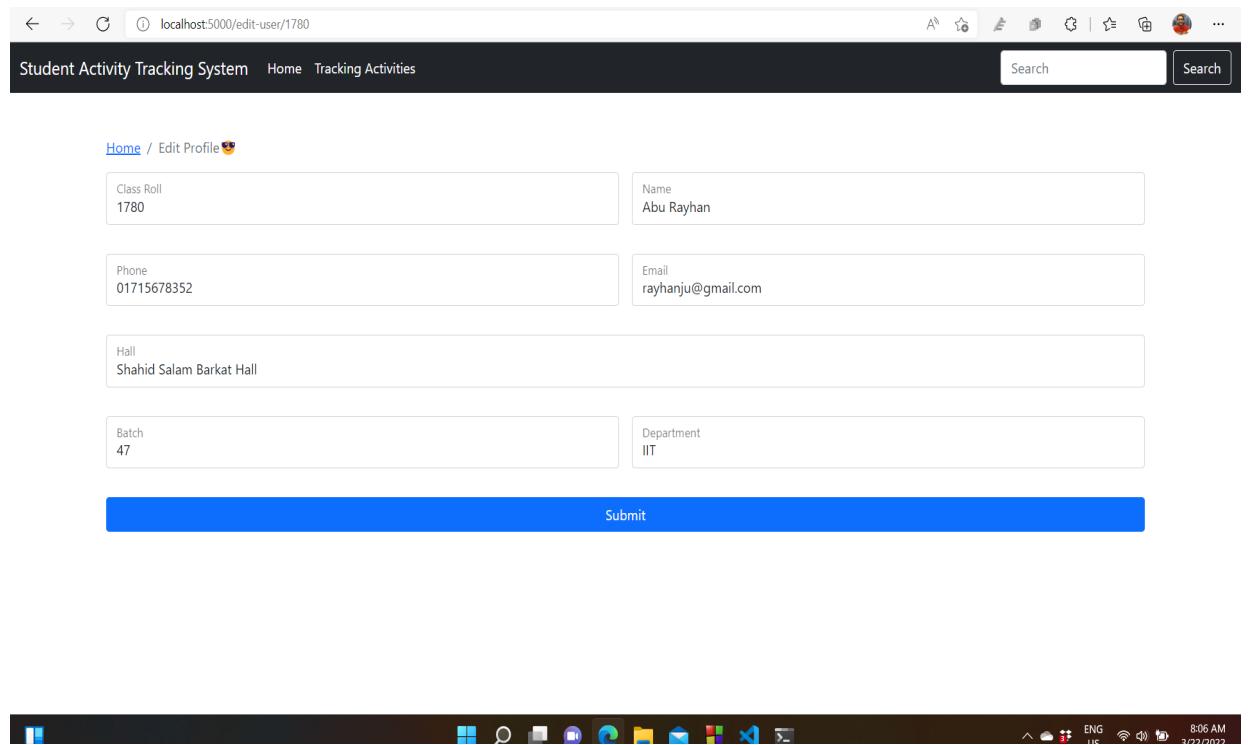
Date	Activity	Given Points
6/4/21	wins the best standing comedian award in 42 rag ceremony.	10
8/2/2019	participating rally for institution	5
3/15/2022	participating rally for institution	5
5/24/2022	Works as a volunteer in a IT Fest	30
3/17/2022	Caught in campus by proctor for drug taking.	-20

Total point: -20

Fig:(g): View a student profile

3.5.8: Edit profile

If user need to edit some features for a particular student information ,for this purpose user choose edit option and edit the required field .And click the submit button and it shows a message that means user edit successfully and database store the edited information



The screenshot shows a web browser window with the URL `localhost:5000/edit-user/1780`. The title bar says "Student Activity Tracking System". The main content area is titled "Edit Profile". It contains several input fields:

- Class Roll: 1780
- Name: Abu Rayhan
- Phone: 01715678352
- Email: rayhanju@gmail.com
- Hall: Shahid Salam Barkat Hall
- Batch: 47
- Department: IIT

A blue "Submit" button is located at the bottom of the form.

Fig:(h): Editing a student profile

3.5.9: Add new activity

If user need to add a new activities for a particular student ,for this purpose user choose tracking activity option and add the activity by fill up the required field .And click the submit button and it shows a message that means user is able to add activity successfully and database store the added information .

The screenshot shows a web browser window with the URL `localhost:5000/activity-from-home/1780`. The page title is "Student Activity Tracking System". Below the title, there are two input fields: "Class Roll" containing "1780" and "Date" with a placeholder "mm/dd/yyyy" and a calendar icon. There are also two dropdown menus: "Activity" and "Points Given". At the bottom is a blue "Submit" button.

Fig:(i): Adding a new activity

3.5.10: view added activity

After added a new activity we can see the stored activity by clicking the tracking activities from navbar. Fig(h) shows the Id, Activity, Date and the given points of the particular student which was searched.

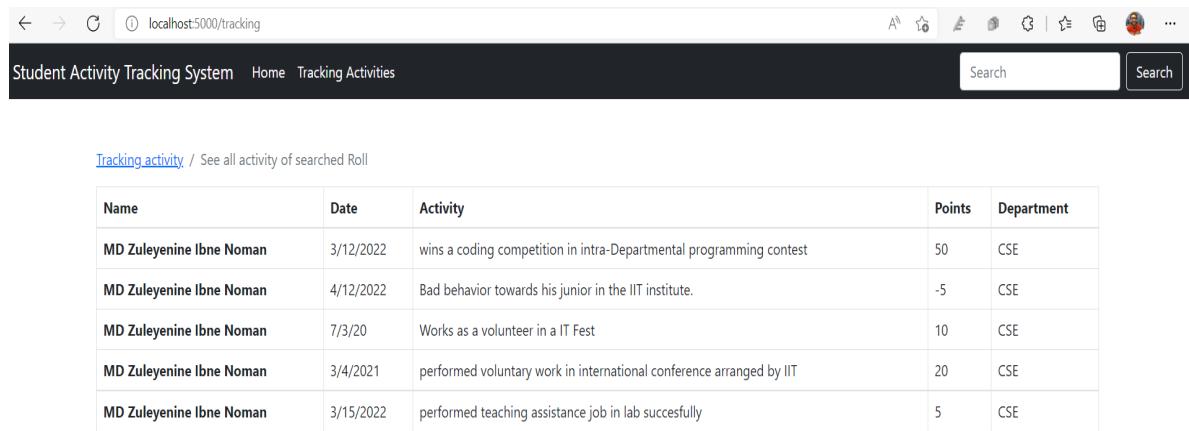
The screenshot shows a web application titled "Student Activity Tracking System". The top navigation bar includes links for "Home" and "Tracking Activities", and a search bar. Below the header is a table titled "Tracking Activities" with columns for "No", "ID", "Date", "Activity", and "Points Given". The table contains 13 rows of data. A blue button labeled "+ Add New Activity" is located above the table, and two other buttons, "Insert Class Roll" and "Insert Roll", are positioned to its right. The bottom of the screen shows a taskbar with various icons and system status information.

No	ID	Date	Activity	Points Given
1	2002	3/12/2022	wins a coding competition in intra-Departmental programming contest	50
2	2002	4/12/2022	Bad behavior towards his junior in the IIT institute.	-5
3	2003	6/4/21	wins the best standing comedian award in 42 rag ceremony.	10
4	2002	7/3/20	Works as a volunteer in a IT Fest	10
5	2003	8/2/2019	participating rally for institution	5
6	2004	9/23/2020	Caught in campus by proctor for drug taking.	-50
7	2004	9/23/2020	Caught in campus by proctor for drug taking.	-50
8	2002	3/4/2021	performed voluntary work in international conference arranged by IIT	20
9	2002	3/15/2022	performed teaching assistance job in lab successfully	5
10	2003	3/15/2022	participating rally for institution	5
11	2003	5/24/2022	Works as a volunteer in a IT Fest	30
12	2003	3/17/2022	Caught in campus by proctor for drug taking.	-20
13	1964	2022-03-20	sung a wonderful song in IIT fest program	5

Fig:(j) :view activity

3.5.11: shows all activities for a searched roll

When user searched by roll to see all the activities against the roll,it will shows like fig(k).



The screenshot shows a web browser window with the URL 'localhost:5000/tracking' in the address bar. The page title is 'Student Activity Tracking System'. Below the title, there is a navigation bar with links for 'Home' and 'Tracking Activities'. On the right side of the navigation bar is a search bar with a placeholder 'Search' and a 'Search' button. The main content area displays a table titled 'Tracking activity / See all activity of searched Roll'. The table has columns for 'Name', 'Date', 'Activity', 'Points', and 'Department'. There are six rows of data in the table.

Name	Date	Activity	Points	Department
MD Zuleyenine Ibne Noman	3/12/2022	wins a coding competition in intra-Departmental programming contest	50	CSE
MD Zuleyenine Ibne Noman	4/12/2022	Bad behavior towards his junior in the IIT institute.	-5	CSE
MD Zuleyenine Ibne Noman	7/3/20	Works as a volunteer in a IT Fest	10	CSE
MD Zuleyenine Ibne Noman	3/4/2021	performed voluntary work in international conference arranged by IIT	20	CSE
MD Zuleyenine Ibne Noman	3/15/2022	performed teaching assistance job in lab succesfully	5	CSE

Fig:(k): showing all activities searched by a particular roll

3.5.12: ADMIN PAGES

Admin store students information and their activities according to department and batch. And also able to store all the students information and activities at one place as view all. An admin also capable to log out from this page.

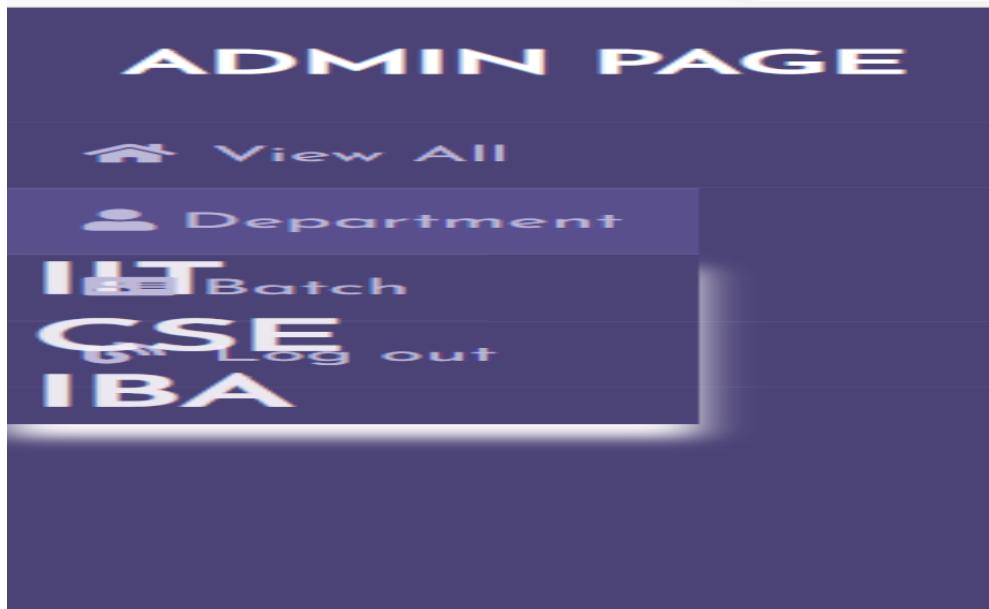


fig:(l):

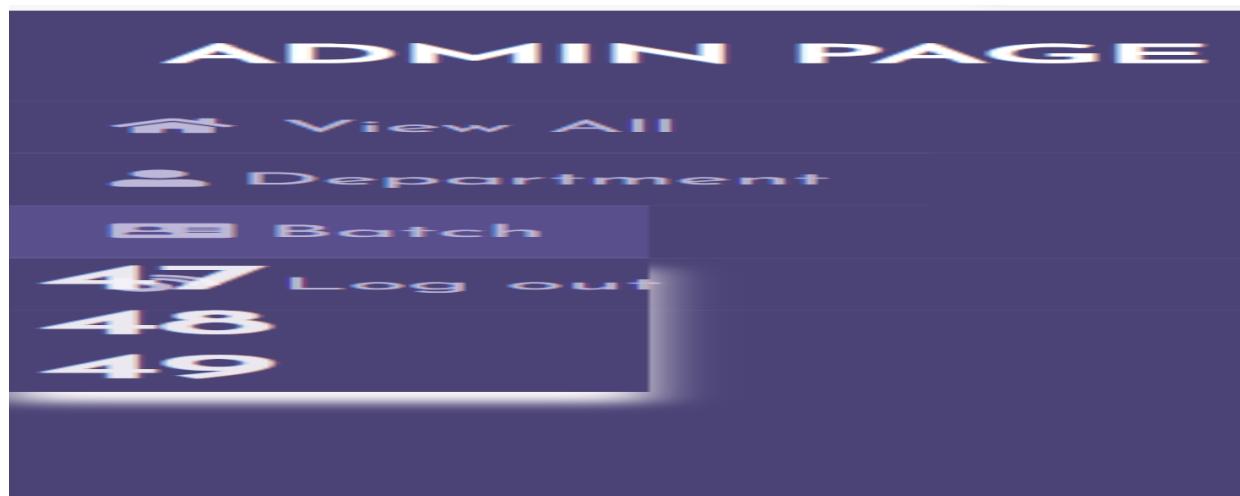
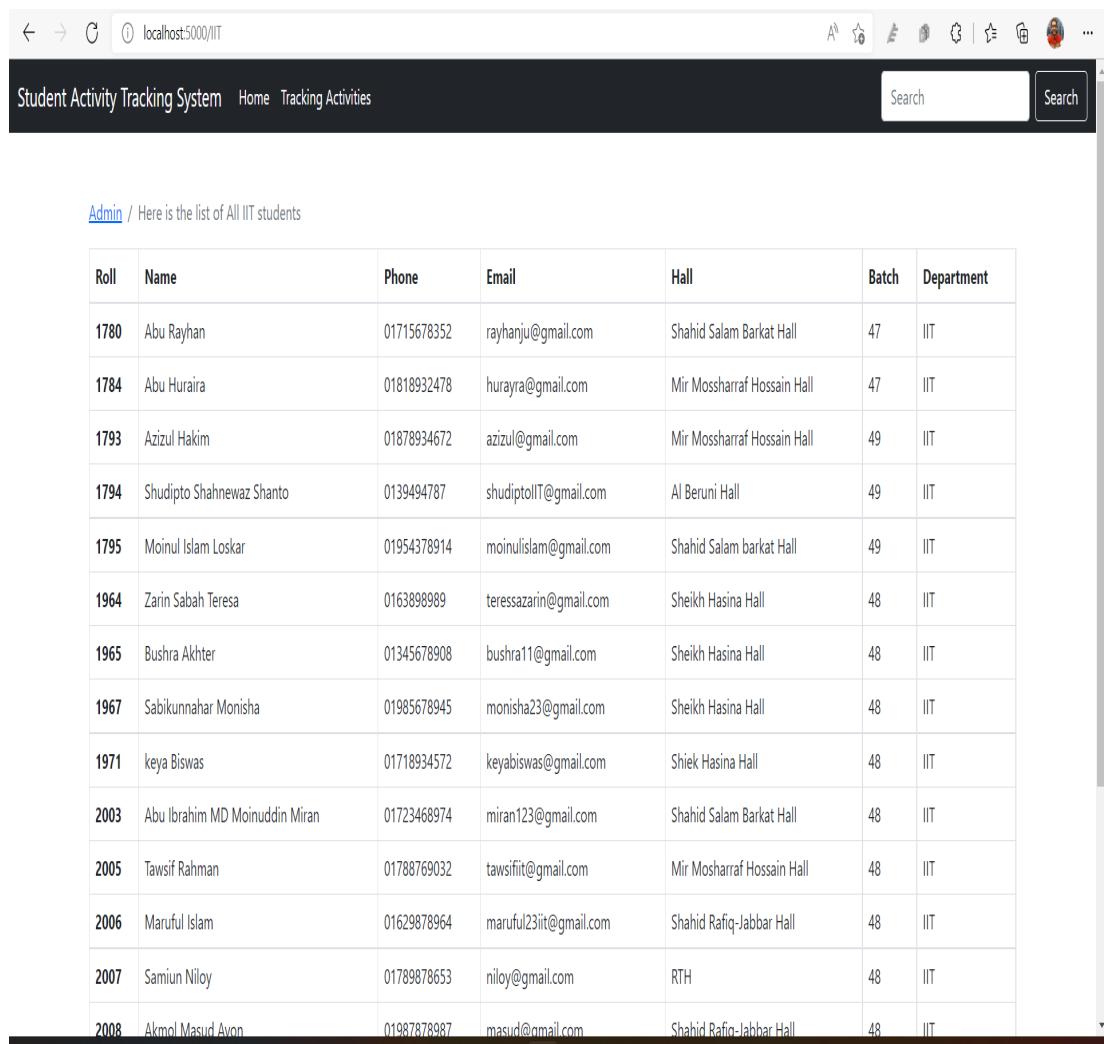


Fig:(m)

3.5.13: Searched by department

Fig(n) shows the result when admin searched by department as IIT, here shows all the students record who are study at IIT department .



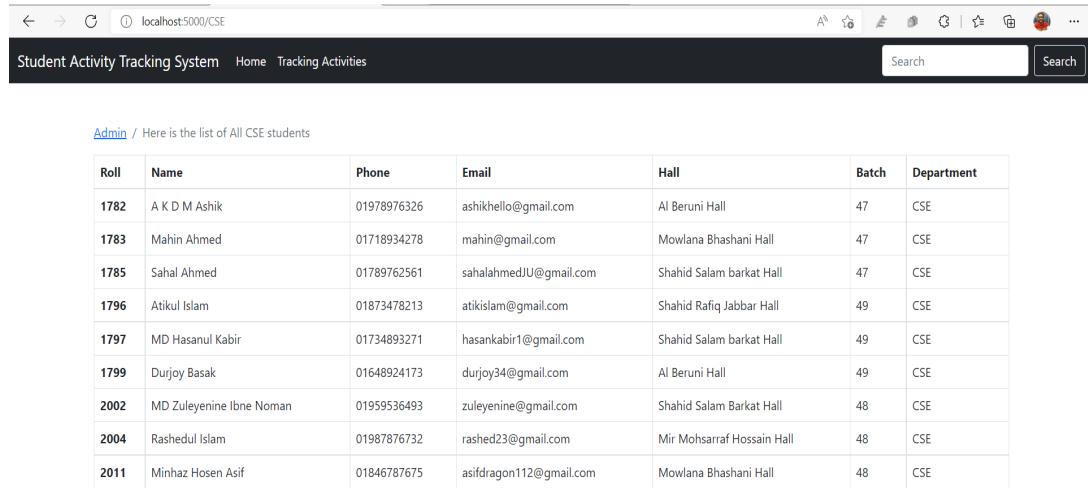
The screenshot shows a web browser window with the URL `localhost:5000/IIT` in the address bar. The page title is "Student Activity Tracking System". A search bar contains the text "Search". Below the search bar, the text "Admin / Here is the list of All IIT students" is displayed. A table follows, listing 15 student records. The columns are labeled: Roll, Name, Phone, Email, Hall, Batch, and Department. All students listed belong to the "IIT" department.

Roll	Name	Phone	Email	Hall	Batch	Department
1780	Abu Rayhan	01715678352	rayhanju@gmail.com	Shahid Salam Barkat Hall	47	IIT
1784	Abu Huraira	01818932478	huraya@gmail.com	Mir Mossharraf Hossain Hall	47	IIT
1793	Azizul Hakim	01878934672	azizul@gmail.com	Mir Mossharraf Hossain Hall	49	IIT
1794	Shudipto Shahnewaz Shanto	0139494787	shudiptoIIT@gmail.com	Al Beruni Hall	49	IIT
1795	Moinul Islam Loskar	01954378914	moinulislam@gmail.com	Shahid Salam barkat Hall	49	IIT
1964	Zarin Sabah Teresa	0163898989	teressazarin@gmail.com	Sheikh Hasina Hall	48	IIT
1965	Bushra Akhter	01345678908	bushra11@gmail.com	Sheikh Hasina Hall	48	IIT
1967	Sabikunnahar Monisha	01985678945	monisha23@gmail.com	Sheikh Hasina Hall	48	IIT
1971	keya Biswas	01718934572	keyabiswas@gmail.com	Shiek Hasina Hall	48	IIT
2003	Abu Ibrahim MD Moinuddin Miran	01723468974	miran123@gmail.com	Shahid Salam Barkat Hall	48	IIT
2005	Tawsif Rahman	01788769032	tawsifit@gmail.com	Mir Mossharraf Hossain Hall	48	IIT
2006	Maruful Islam	01629878964	maruful23iit@gmail.com	Shahid Rafiq-Jabbar Hall	48	IIT
2007	Samiun Niloy	01789878653	niloy@gmail.com	RTH	48	IIT
2008	Akmol Masud Avon	01987878987	masud@gmail.com	Shahid Rafiq-Jabbar Hall	48	IIT

Fig(n):shows list of student according to department

3.5.14:Searched by department

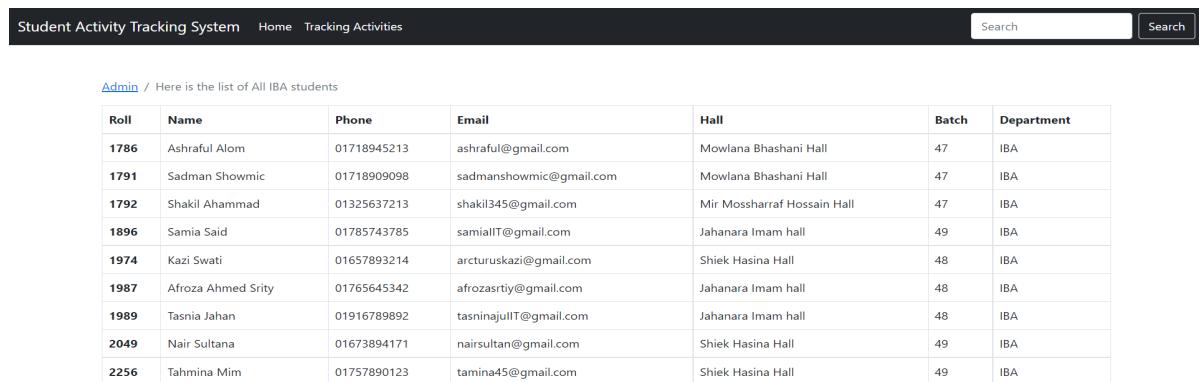
Fig(n) shows the student list when admin searched by department as cse and Fig(p) shows the list searched department as IBA .



A screenshot of a web browser window titled "Student Activity Tracking System". The URL bar shows "localhost:5000/CSE". The main content area displays a table titled "Admin / Here is the list of All CSE students". The table has columns: Roll, Name, Phone, Email, Hall, Batch, and Department. The data shows 10 entries for CSE students.

Roll	Name	Phone	Email	Hall	Batch	Department
1782	A K D M Ashik	01978976326	ashikhello@gmail.com	Al Beruni Hall	47	CSE
1783	Mahin Ahmed	01718934278	mahin@gmail.com	Mowlana Bhashani Hall	47	CSE
1785	Sahal Ahmed	01789762561	sahalahmedJU@gmail.com	Shahid Salam barkat Hall	47	CSE
1796	Atikul Islam	01873478213	atikislam@gmail.com	Shahid Rafiq Jabbar Hall	49	CSE
1797	MD Hasanul Kabir	01734893271	hasankabir1@gmail.com	Shahid Salam Barkat Hall	49	CSE
1799	Durjoy Basak	01648924173	durjoy34@gmail.com	Al Beruni Hall	49	CSE
2002	MD Zuleyeneen Ibne Noman	01959536493	zuleyeneen@gmail.com	Shahid Salam Barkat Hall	48	CSE
2004	Rashedul Islam	01987876732	rashed23@gmail.com	Mir Mohsarrat Hossain Hall	48	CSE
2011	Minhaz Hosen Asif	01846787675	asifdragon112@gmail.com	Mowlana Bhashani Hall	48	CSE

Fig:(o):list of student of CSE department



A screenshot of a web browser window titled "Student Activity Tracking System". The URL bar shows "localhost:5000/CSE". The main content area displays a table titled "Admin / Here is the list of All IBA students". The table has columns: Roll, Name, Phone, Email, Hall, Batch, and Department. The data shows 14 entries for IBA students.

Roll	Name	Phone	Email	Hall	Batch	Department
1786	Ashraful Alom	01718945213	ashraful@gmail.com	Mowlana Bhashani Hall	47	IBA
1791	Sadman Showmic	01718909098	sadmanshowmic@gmail.com	Mowlana Bhashani Hall	47	IBA
1792	Shakil Ahammad	01325637213	shakil345@gmail.com	Mir Mosharraf Hossain Hall	47	IBA
1896	Samia Said	01785743785	samialIT@gmail.com	Jahanara Imam hall	49	IBA
1974	Kazi Swati	01657893214	arcturuskazi@gmail.com	Shiek Hasina Hall	48	IBA
1987	Afroza Ahmed Srity	01765645342	afrozasrity@gmail.com	Jahanara Imam hall	48	IBA
1989	Tasnia Jahan	01916789892	tasniajuliT@gmail.com	Jahanara Imam hall	48	IBA
2049	Nair Sultan	01673894171	nairsultan@gmail.com	Shiek Hasina Hall	49	IBA
2256	Tahmina Mim	01757890123	tamina45@gmail.com	Shiek Hasina Hall	49	IBA

Fig:(p) :list of student of IBA department

3.5.15: Searched by batch

Fig(q) shows the list of student which is searched by batch as 47 and **Fig(o)** shows The list of students of 48 batches.

Student Activity Tracking System						
Home						Tracking Activities
Admin / Here is the list Students from searched Batch of JU						
Roll	Name	Phone	Email	Hall	Batch	Department
1780	Abu Rayhan	01715678352	rayhanju@gmail.com	Shahid Salam Barkat Hall	47	IIT
1782	A K D M Ashik	01978976326	ashikhhello@gmail.com	Al Beruni Hall	47	CSE
1783	Mahin Ahmed	01718934278	mahin@gmail.com	Mowlana Bhashani Hall	47	CSE
1784	Abu Huraira	01818932478	hurayra@gmail.com	Mir Mossarraf Hossain Hall	47	IIT
1785	Sahal Ahmed	01789762561	sahalahmedJU@gmail.com	Shahid Salam barkat Hall	47	CSE
1786	Ashraful Alom	01718945213	ashraful@gmail.com	Mowlana Bhashani Hall	47	IBA
1791	Sadman Showmic	01718909098	sadmanshowmic@gmail.com	Mowlana Bhashani Hall	47	IBA
1792	Shakil Ahammad	01325637213	shakil345@gmail.com	Mir Mossarraf Hossain Hall	47	IBA
2269	Tanjid Hasan	01989764265	tanjidit@gmail.com	Al Beruni Hall	47	IIT

Fig:(q):list of student of 47 batch

Student Activity Tracking System						
Home						Tracking Activities
Admin / Here is the list Students from searched Batch of JU						
Roll	Name	Phone	Email	Hall	Batch	Department
1964	Zarin Sabah Teresa	0163898989	teressazarin@gmail.com	Sheikh Hasina Hall	48	IIT
1965	Bushra Akhter	01345678908	bushra11@gmail.com	Sheikh Hasina Hall	48	IIT
1967	Sabikunnahar Monisha	01985678945	monisha23@gmail.com	Sheikh Hasina Hall	48	IIT
1971	keya Biswas	01718934572	keyabiswas@gmail.com	Shiek Hasina Hall	48	IIT
1974	Kazi Swati	01657893214	arcturuskazi@gmail.com	Shieek Hasina Hall	48	IBA
1987	Afroza Ahmed Srity	0176564542	afrozasritiy@gmail.com	Jahanara Imam hall	48	IBA
1989	Tasnia Jahan	01916789892	tasninajullIT@gmail.com	Jahanara Imam hall	48	IBA
2002	MD Zuleyenie Ibne Noman	01959536493	zuleyenie@gmail.com	Shahid Salam Barkat Hall	48	CSE
2003	Abu Ibrahim MD Moinuddin Miran	01723468974	miran123@gmail.com	Shahid Salam Barkat Hall	48	IIT
2004	Rashedul Islam	01987876732	rashed23@gmail.com	Mir Mohsarrif Hossain Hall	48	CSE
2005	Tawsif Rahman	01788769032	tawsifit@gmail.com	Mir Mohsarrif Hossain Hall	48	IIT
2006	Maruful Islam	01629878964	maruful23it@gmail.com	Shahid Rafiq-Jabar Hall	48	IIT
2007	Samiun Niloy	01789878653	niloy@gmail.com	RTH	48	IIT

Fig:(r) : list of student of 48 batch

3.5.16: Searching

Users can search by student id, class roll, batch, department, hall or other attributes which are included in the student information table.

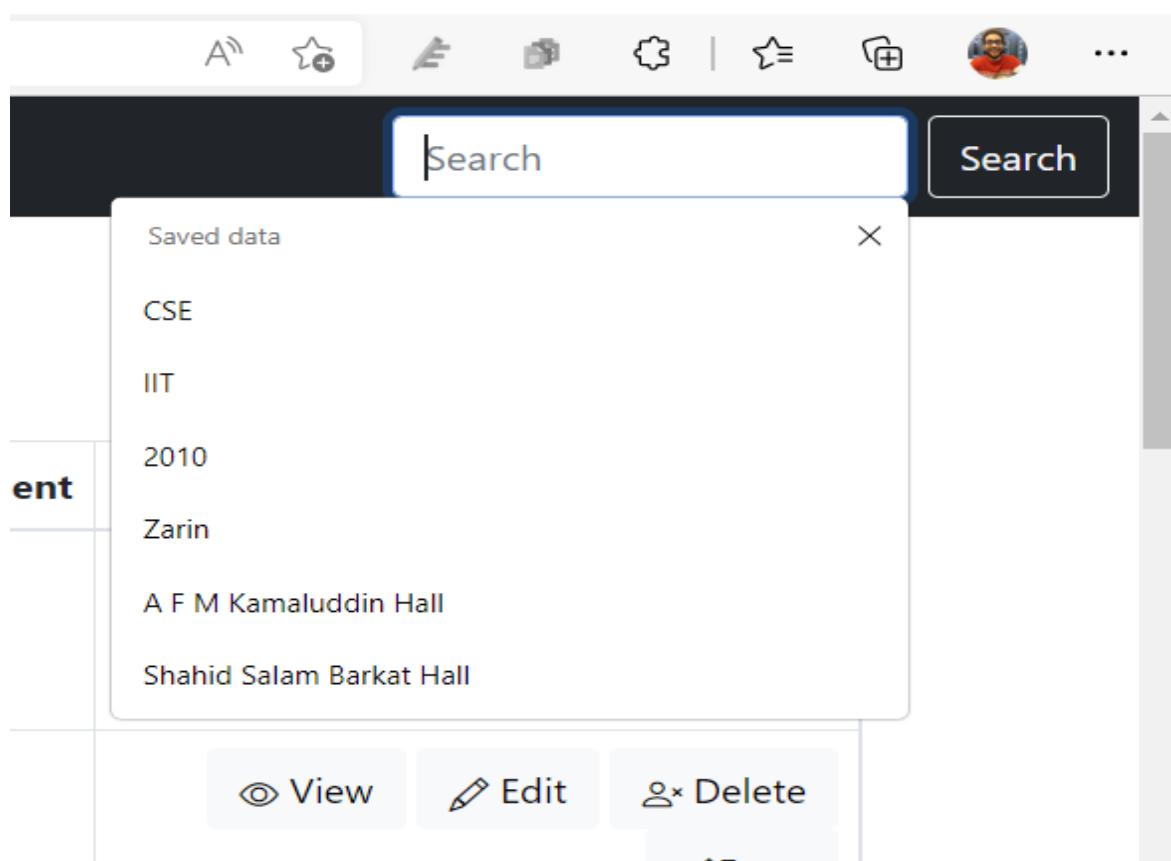


Fig:(s) : searching page

3.6 Application system Attributes:

- 1)Security: the application will be password protected. Users will have to enter correct information to access the application.
- 2)Maintainability: The application will be designed in a maintainable manner. It will be easy to incorporate new reqs in individual modules.
- 3)Portability: The application will be easily portable.

Chapter 4

4.1: Conclusion:

The goal of pursuing the project was to develop a simple and easy tool for teachers to store information about students & their activities .Maintaining a student record helps the teacher to understand and know every student at a personal level .This helps the teacher to know the student's progress and see if the student is working enough to showcase significant growth.This is the reason why we chose to design a "Student information & Activity Tracking System" program .Since the semester, we have learned the Node.js and Database Management System.So our motivation was to develop a project based on our learning.

4.2: Future work:

Our future work will be:

- To make a web-based application so that any educational institution around the globe can take the advantage of this digital activity tracking system.
- To make an android based application of our project.

- To add new & attractive features in this application program.

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