



CSE326

PROJECT REPORT



INTERNET BASED DISCUSSION FORUM

END TERM REPORT

By

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Student Declaration

This is to declare that this report has been written by us. No part of the report is copied from other sources. All information included from other sources have been duly acknowledged. We aver that if any part of the report is found to be copied, we shall take full responsibility for it.

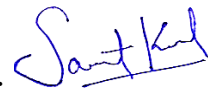
Signature of Student:



Name of Student: Saurabh Rawat

Roll number:20

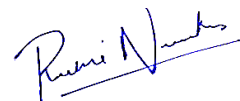
Signature of Student:



Name of Student: Saneet Kaul

Roll number:05

Signature of Student:



Name of Student: Reshmi Nethmika

Roll number:06

Date:10/04/2020

Place- Jalandhar

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BONAFIDE CERTIFICATE

Certified that this project report titled “Internet Based Discussion Forum” is the bonafide work of :-

1. SANEET KAUL (11913912)

2. SAURABH RAWAT (11914249)

**3. RESHMI NETHIMIKA WIJAYARATHNA SALPADORUGE
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who carried out the project work under my supervision.

Signature

SUPERVISOR

Name –

Academic Designation –

ID -

Department -

INTRODUCTION

Student centered learning and the creation of student centered spaces online are gaining credence in educational settings. We know that effective learning requires access to social and academic networks for both study material and emotional support; as such, online communities can offer a holistic knowledge construction, support mechanism, and recognize that affective activity is effective. Social forums, often called ‘Virtual Cafes’ or ‘Common Rooms’ can be set up for courses or for programs, depending on the student need.

These spaces provide students to come together and discuss unlimited topics, including social activities and educational ideas. They are supportive spaces for students, most successful with large first and second year courses where students would not otherwise have the opportunity to communicate with others outside their own tutorial group.

There are four entities will have the access to the system as follows admin, teacher, Student, Alumni. Admin manages the system by approving the threads added by the students, teachers and alumni. Admin can view all the threads and can mark a post as favorite, which will be listed at the top of all the discussion forums. Teacher, Student and Alumni need to register himself or herself by filling up basic registration details and create a valid login id and password. All the entities have to login with their valid credentials in order to access the system.

System allows teachers, students and alumni to create a thread/post which will be displayed among themselves and start a discussion be commenting/replying and also can like a thread/post.

WHY WE NEED IT?

It's not a secret that your students LOVE using technology in their classroom, more specifically Google. What's not to love? It's engaging, fun and they can use their own devices! Perfect! However, there is more your students can do with Google than publish, engage in digital notebooks, make presentations, and complete assessments. Students and teachers can actually have analytical discussions and debates. That's where online discussion boards come into play!

Teachers become facilitators. We evolve in our teaching practice throughout our journey. Facilitating a discussion is very rewarding and refreshing. As your students progress and improve in their discussion board collaboration skills so will the facilitators. Soon, the educator can be more "hands-free," all while sitting back moderating the board and assignments.

Most colleges and universities around the world are utilizing discussion boards as a part of their courses' requirements. Since 2003, every course in higher education that I participated in, there was a discussion board weekly assignment. Most of the topics supported the readings and lectures. The instructors derived questions from additional articles or short videos. I got to know more people through this type of interaction. I soon loved it.

This is why secondary classrooms really should include online discussion boards as a part of the curriculum. Schools will provide opportunities to learn a twenty-first century learning skill as well as a much needed skill for college.

Outcomes?

- E learning and discussions in particular, can support learning that is not always tutor/teacher-centred, your role will be important, especially as an online community begins to develop.
- A group of students can become a community of participants who begin to grow in their understandings of course material and individual contributions to the knowledge construction process.
- Very flexible and more convenient system for users.
- Managing all thread/post, replies and like from users with proper well-structured flow.

PROCEDURE FOR RUNNING THE **WEBPAGE.**

- Firstly, download the files from Github
- Make a folder with name “HTML” in the local disk C and in that folder make another folder with name “Discussion Forum”.
- Copy all the files downloaded from github in this folder.
- Now open the website using this link -
<file:///C:/HTML/HTML%20FINAL%20PROJECT/Forum/index.html>
- welcome to the DISCUSSION FORUM.

LANGUAGE DESCRIPTION

➤HTML

Hypertext Markup Language (HTML) is the main markup language for web pages. HTML elements are the basic building-blocks of Webpages.

HTML is written in the form of HTML elements consisting of *tags* enclosed in angle brackets (like <html>), within the web page content. HTML tags most commonly come in pairs like <h1>and </h1>, although some tags, known as *empty elements*, are unpaired, for example . The first tag in a pair is the *start tag*, the second tag is the *end tag* (they are also called *opening tags* and *closing tags*). In between these tags web designers can add text, tags, comments and other types of text-based content.

Web browsers can also refer to Cascading Style Sheets (CSS) to define the appearance and layout of text and other material. The W3C, maintainer of both the HTML and the CSS standards, encourages the use of CSS over explicitly presentational HTML markup.

➤CSS

Cascading Style Sheets (CSS) is a style sheet language used to describe the presentation semantics (the look and formatting) of a document written in a markup language. It's most common application is to style

web pages written in HTML and XHTML, but the language can also be applied to any kind of XML document, including plain XML, SVG and XUL.

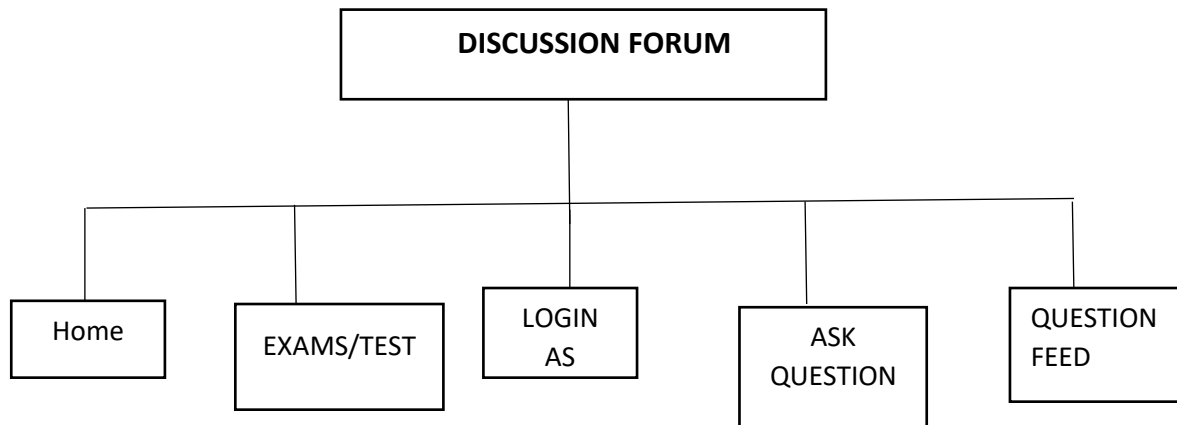
CSS specifies a priority scheme to determine which style rules apply if more than one rule matches against a particular element. In this so-called *cascade*, priorities or *weights* are calculated and assigned to rules, so that the results are predictable

➤ **JAVASCRIPT**

JavaScript uses syntax influenced by that of C. JavaScript copies many names and naming conventions from Java, but the two languages are otherwise unrelated and have very different semantics. The key design principles within JavaScript are taken from the self and Scheme programming languages.

Contrary to popular misconception, JavaScript is not **“Interpreted Java”**. In a nutshell, JavaScript is a dynamic scripting language supporting **prototype based** object construction. The basic syntax is intentionally similar to both Java and C++ to reduce the number of new concepts required to learn the language. Language constructs, such as **“if”** statement, **“for”** and **“while”** loops, and **“switch”** and **“try catch”** blocks function the same as in these languages.

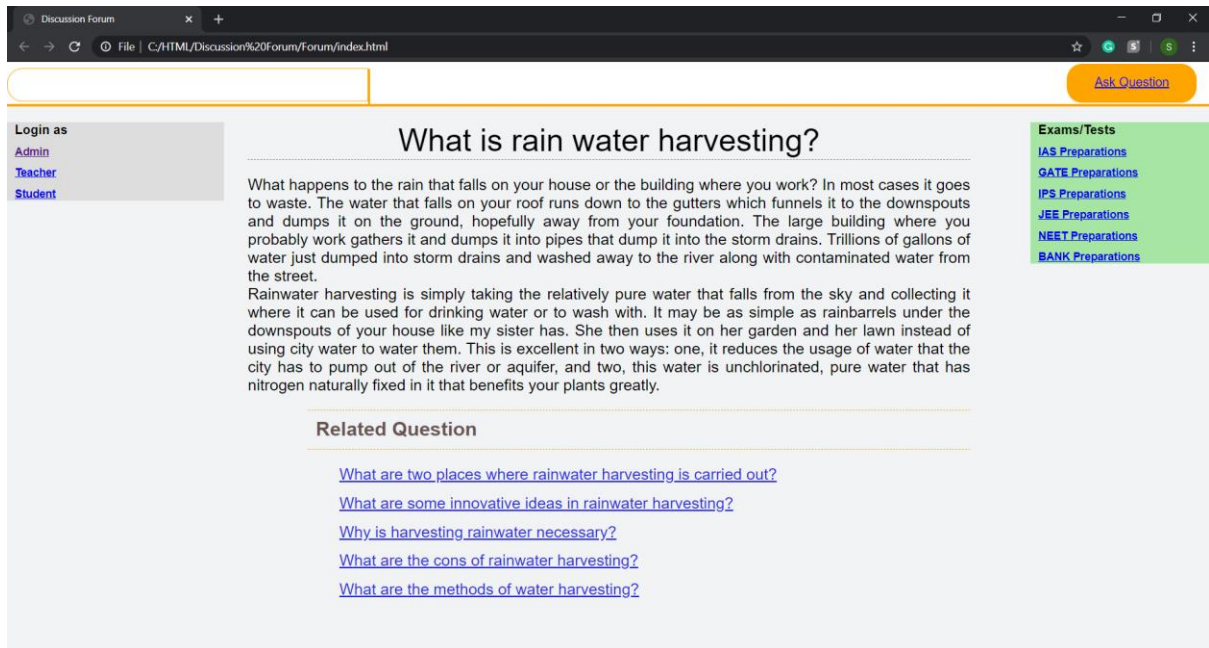
STRUCTURE OF WEBSITE



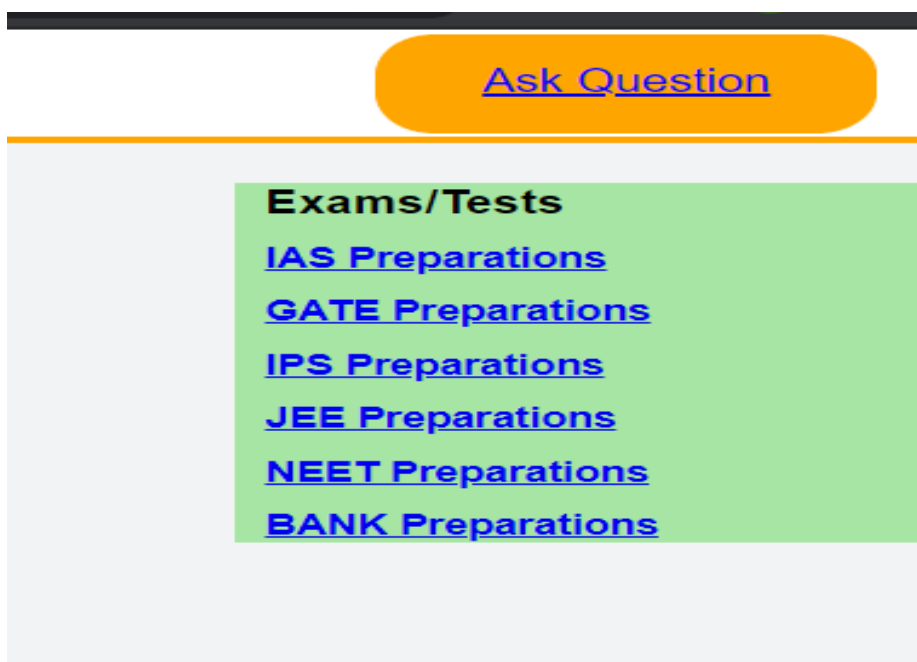
- **HOME** – It is the front face of the website .
- **EXAMs/TEST** – these are the no. of exams student can learn about.
- **LOGIN AS** – the person can open his/her id according to field respectively
- **ASK A QUESTION** – the queries can be ask using this portal
- **QUESTION FEED** – the person can scroll the feed to gain extra knowledge.

METHADODOLOGY

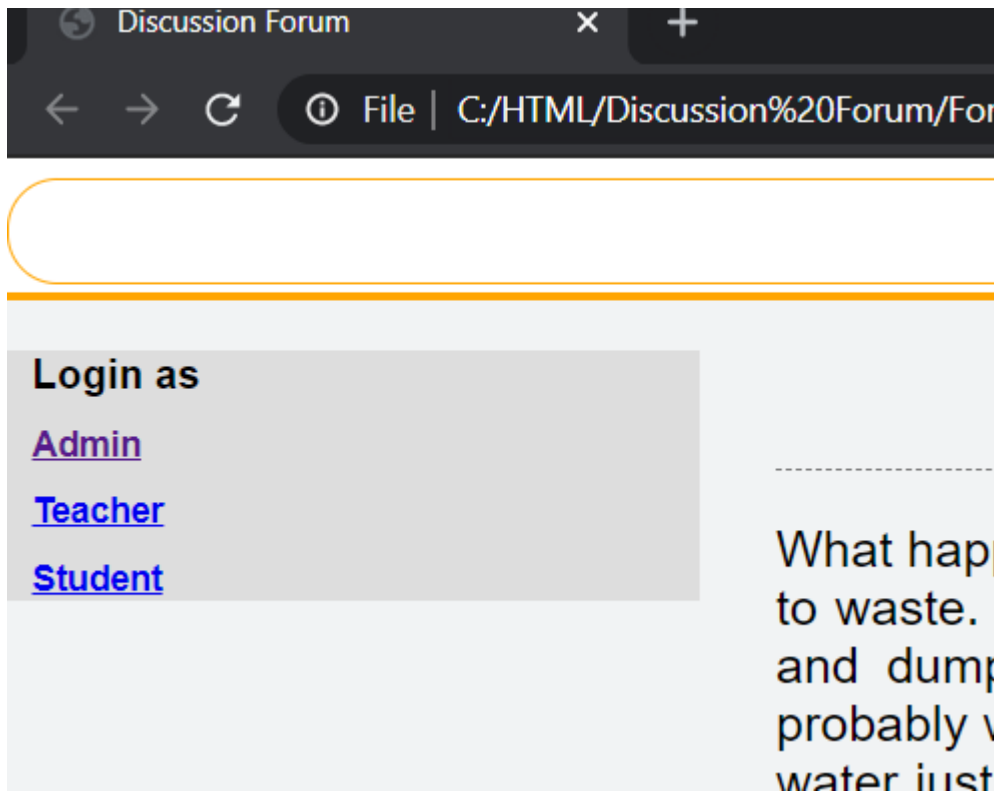
1. HOME:- Home page is basically the front face of the website, here you view all the functions of the website. All the things that the website can offer.



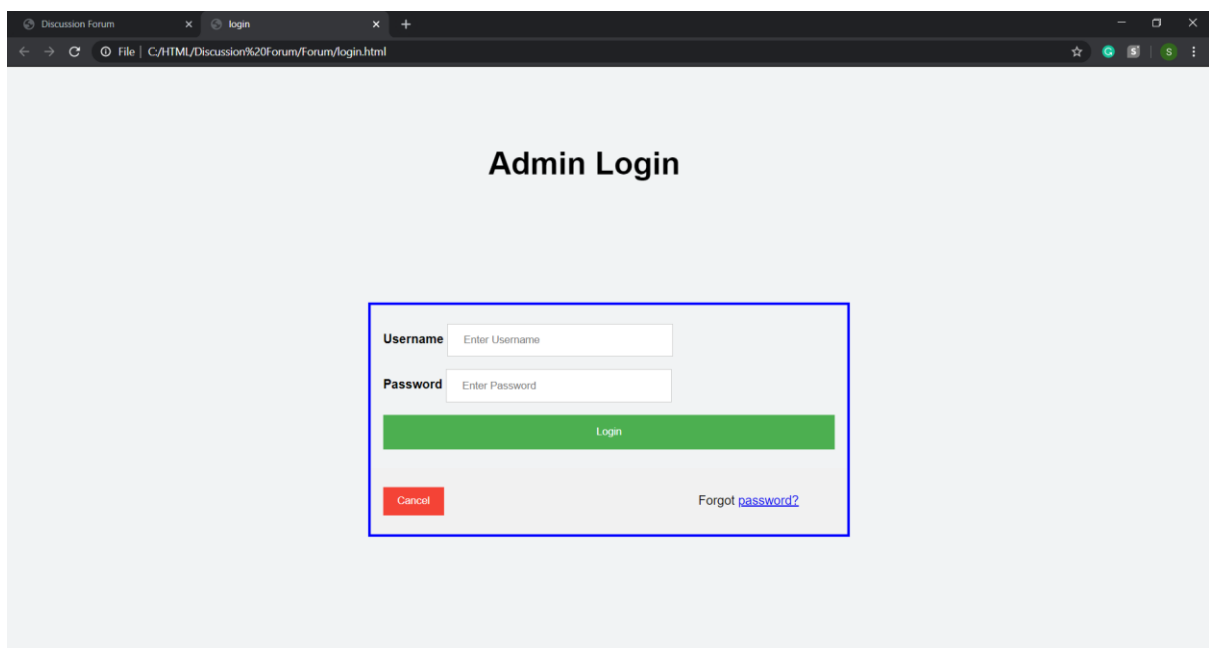
2. EXAMS/TEST:- This option is given in order that the students gain knowledge aabout a particular exam and prepare for it. The links are provided in each of the exams to provide convenience to the student.



3.LOGIN AS :- this option helps the website to understand that the user is from which field. Admin , students and teacher can login through there ids and scroll the feed for there own interest.



ADMIN LOGIN



TEACHER LOGIN:-

Discussion Forum login

File | C:/HTML/Discussion%20Forum/Forum/teacher.html

Teacher Login

Username

Password

Login

Cancel Forgot [password?](#)

STUDENT LOGIN :-

Discussion Forum login

File | C:/HTML/Discussion%20Forum/Forum/student.html

Student Login

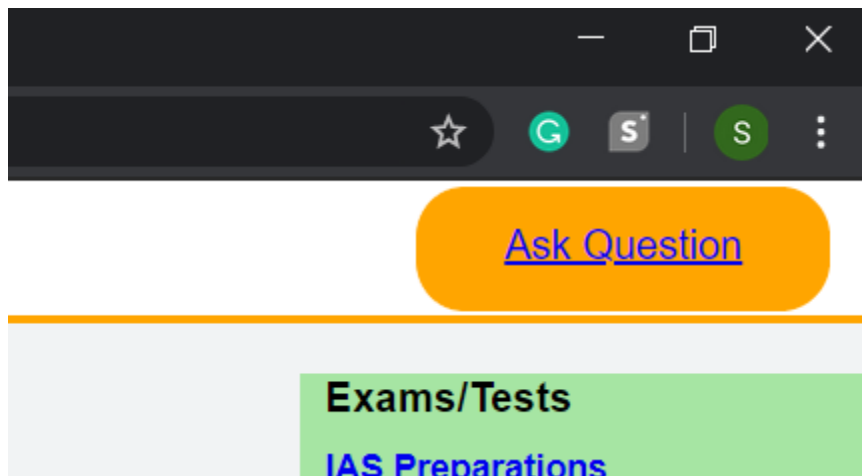
Username

Password

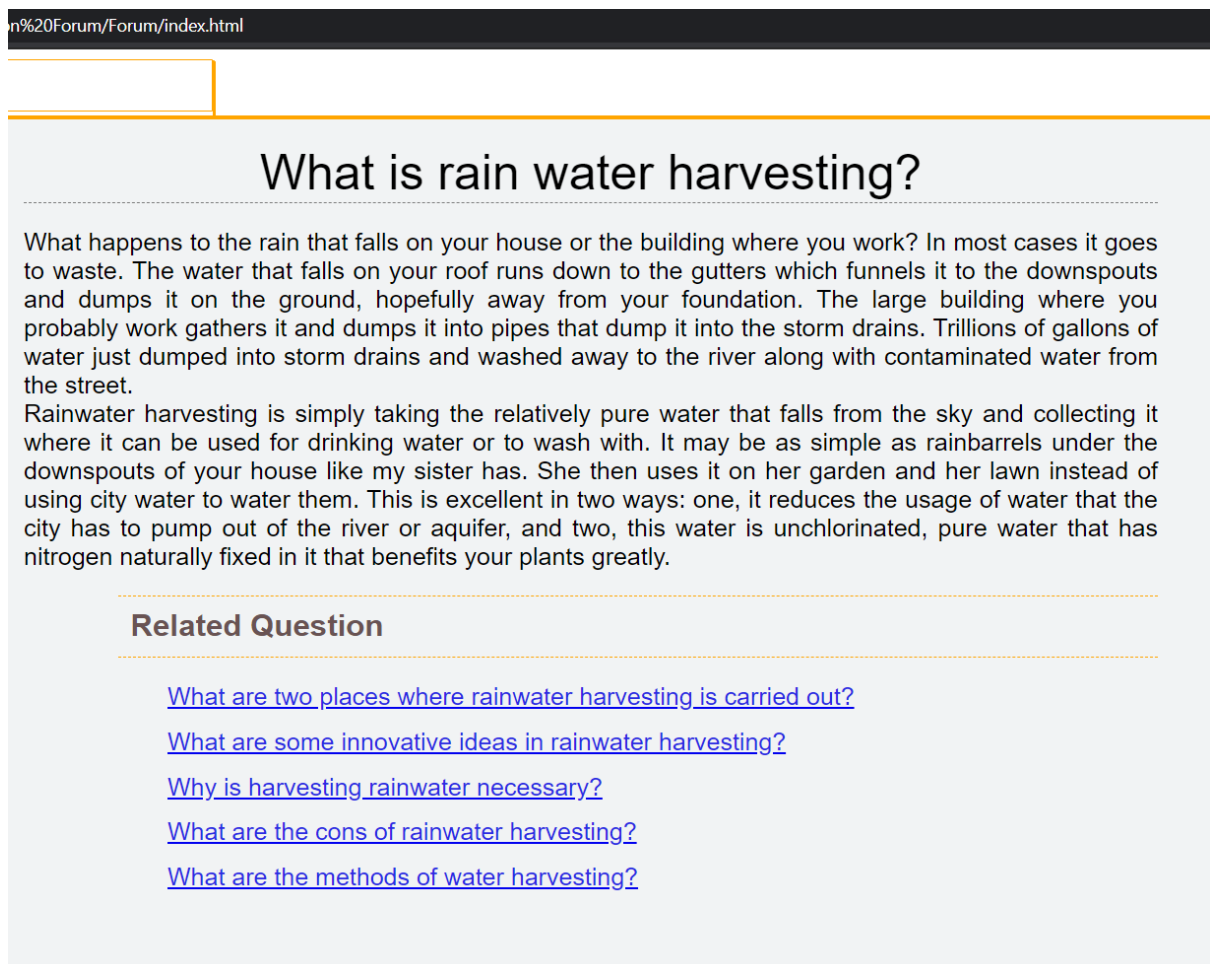
Login

Cancel Forgot [password?](#)

4. ASK A QUESTION:- This option enables the user to ask there query to other users on the website and can get the answers.



5.QUESTION FEED :- This is the feed which contains various questions which can be used by the user. The user can scroll the feed in order to gain extra knowledge in various fields.



RESPONSIBILITY

For making this project working our team members had done a lot of hardwork. The name of the students who were in the team are **“SAURABH RAWAT”, “SANEET KAUL”** and **“RESHMI NETHMIKA”**. The report part was done by all three. The work done by Reshmi was that she did the some of the CSS . HTML was done by Saurabh and Saneet did the Javascript and some HTML part, also linked this all in a single project.

In our work, all the team members has played their various roles like finding the material for the files and creating the html files and adding the various images to the files and creating the javascript files and adding them to the html files. All the members have done the equal amount of the work in making this webpage. We also want to thank our friend Vishal for final touch up of the project.

CONCLUSION

The project report entitled “**DISCUSSION FORUM**” has come to its final stage. The system has been developed with much care that it is free of errors and at the same time it is efficient and has been designed using many languages like “**CSS**”, “**JavaScript**” and “**HTML**”. We wanted to use “**Php**” as well but since it was an academic based project and as we haven’t done Php in class , the use of php was in doubt therefore we made this in Html,CSS and Javascript . We have tried our level best to make the site as dynamic as possible. Also we have tried to maintain the pattern of the webpages and the size of the font as well. This program is totally a time consuming program we have done a lot of hard work in it, we have tried our best to represent this webpage in the attractive manner and all the functions are arranged in well manner. Positive comments would be inspiring and motivating.