

E- Grad report

Introduction:

e-Grad is an online platform that provides students with a range of services to help them with their academic pursuits, including exam preparation, student forums, and repositories for academic resources. This platform was developed using various front-end and back-end technologies.

Front-end technologies:

HTML ,CSS , JS and Bootstrap were used to develop the front-end of the e-Grad website. HTML was used to structure the web pages and define their content, while Bootstrap was used to create a responsive design that adapts to different screen sizes and looks pleasant. JavaScript was also used to add interactivity to the website and enhance its functionality. For example, the exam module uses JavaScript to enable users to select their preferred exam type, and the student forum uses JavaScript to enable users to post and view comments.

Back-end technologies:

The back-end of the e-Grad website was developed using PHP, MYSQL. Designed and built a website that allows users to access multiple courses from a single platform. Worked on the SQL database, the front end user interface, registration form, login and logout pages and the different types validation MySQL's CRUD (create, read, update, and delete.)operation was used to retrieve SQL database information on the website

Functionality:

The e-Grad website is divided into four sub-categories:

1. Exam module: This module allows users to prepare for various types of exams. Users can select a subject of their choice and give the exam which has a time limit. The questions are MCQ based. There are 10 questions in total for each subject and the score is displayed at the end.
2. Profile module: This module shows the details about the user.
3. Forum module: This module enables students to participate in online discussions and ask questions related to their studies. Users can post and view comments on various topics and engage in discussions with other students. They can reply to specific posts and they can view their own posts as well.
4. Repository module: This module provides access to a wide range of academic resources. Users can search for resources based on their academic interests and download them for offline use.

Database description:

Table 1: egrad_user

This table stores information about users who register on the e-Grad website. The user ID column is a generated primary key using the identity feature, which automatically assigns a unique value to each new row. The email column is also unique, ensuring that no two users can have the same email address. The age and gender columns store the user's demographic information, while the college address and branch columns store the user's educational background. The skills column is used to store the user's skills, such as programming languages or other relevant skills. Each index refers to a skill

- userid: a numeric column used as a primary key, which is automatically generated using the identity feature
- name: a string column that stores the user's name
- email: a string column that stores the user's email address, which is also set to be unique
- pwd: a string column that stores the user's password
- age: a numeric column that stores the user's age
- gender: a string column that stores the user's gender
- clg_addr: a string column that stores the user's college address
- branch: a string column that stores the user's college branch
- skills: a string column that stores the user's skills

Table 2: egrad_exam

This table stores information related to various exams. The subject and question number columns together form the primary key for this table, ensuring that no two questions have the same subject and question number combination. The question column stores the actual exam question, while the answer options columns store the multiple choice options for each question. The ANS column stores the correct answer for each question.

- SUB: a string column that stores the subject of the exam
- QNO: a numeric column that stores the question number
- QUESTION: a string column that stores the exam question
- OP_1: a string column that stores the first option for the multiple-choice question
- OP_2: a string column that stores the second option for the multiple-choice question
- OP_3: a string column that stores the third option for the multiple-choice question
- OP_4: a string column that stores the fourth option for the multiple-choice question
- ANS: a string column that stores the correct answer for the question

Table 3: egrad_post

This table stores information about user-generated posts on the e-Grad website's student forum. The user ID and user name columns store information about the user who created the post, while the post ID is a generated primary key that uniquely identifies each post. The title column stores the title of the post, and the content column stores the actual post content.

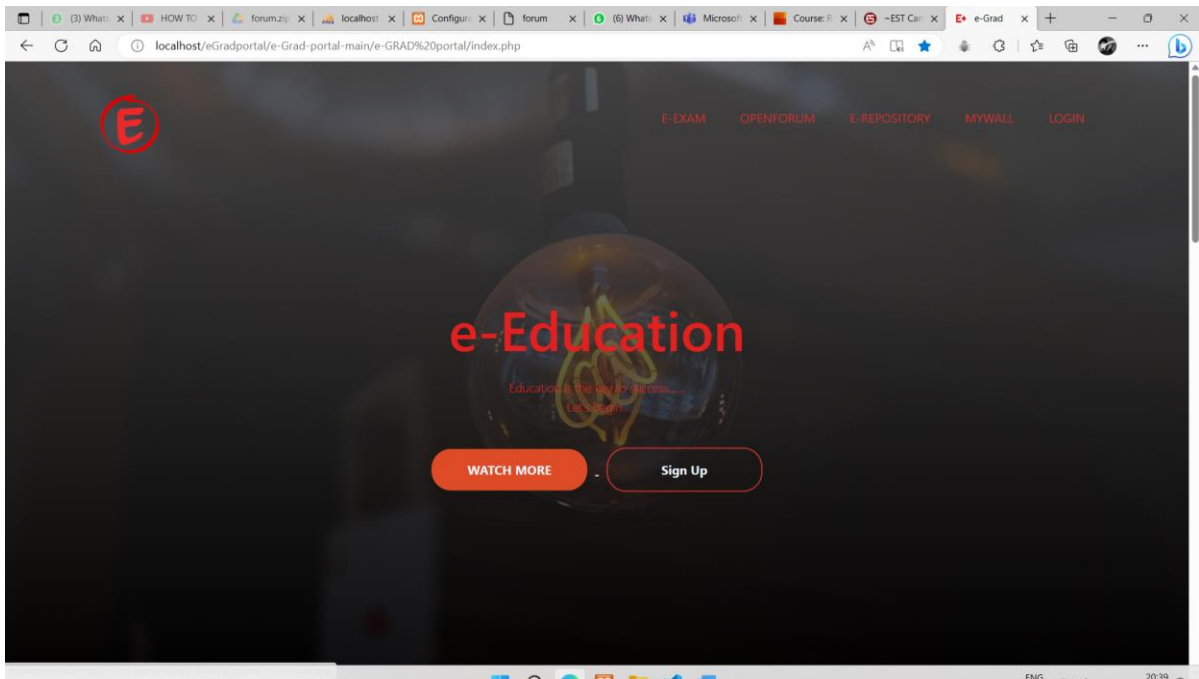
- user_id: a numeric column that stores the ID of the user who created the post
- user_name: a string column that stores the name of the user who created the post
- post_id: a numeric column used as a primary key, which is automatically generated using the identity feature
- title: a string column that stores the title of the post
- content: a string column that stores the actual content of the post


Table 4: egrad_post_reply

This table stores information about replies to user-generated posts on the e-Grad website's student forum. The user name column stores the name of the user who created the reply, while the post ID column references the post to which the reply belongs. The content column stores the actual reply content.

- user_name: a string column that stores the name of the user who created the reply
- post_id: a numeric column that references the post to which the reply belongs
- content: a string column that stores the actual content of the reply


Screenshots:








Examination Related Information...


Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum. There are many variations of passages of Lorem Ipsum available, but the majority have suffered alteration in some form, by injected humour, or randomised words which don't look even slightly believable. If you are going to use a passage of Lorem Ipsum, you need to be sure there isn't anything embarrassing hidden in the middle of text. All the Lorem Ipsum generators on the Internet tend to repeat predefined chunks as necessary, making this the first true generator on the Internet. It uses a dictionary of over 200 Latin words, combined with a handful of model sentence structures, to generate Lorem Ipsum which looks reasonable. The generated Lorem Ipsum is therefore always free from repetition, injected humour, or non-characteristic words etc. It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout. The point of using Lorem Ipsum is that it has a more-or-less normal distribution of letters, as opposed to using 'Content here, content here', making it look like readable English. Many desktop publishing packages and web page editors now use Lorem Ipsum as their default model text, and a search for 'lorem ipsum' will uncover many web sites still in their infancy. Various versions have evolved over the years, sometimes by accident, sometimes on purpose (injected humour and the like).

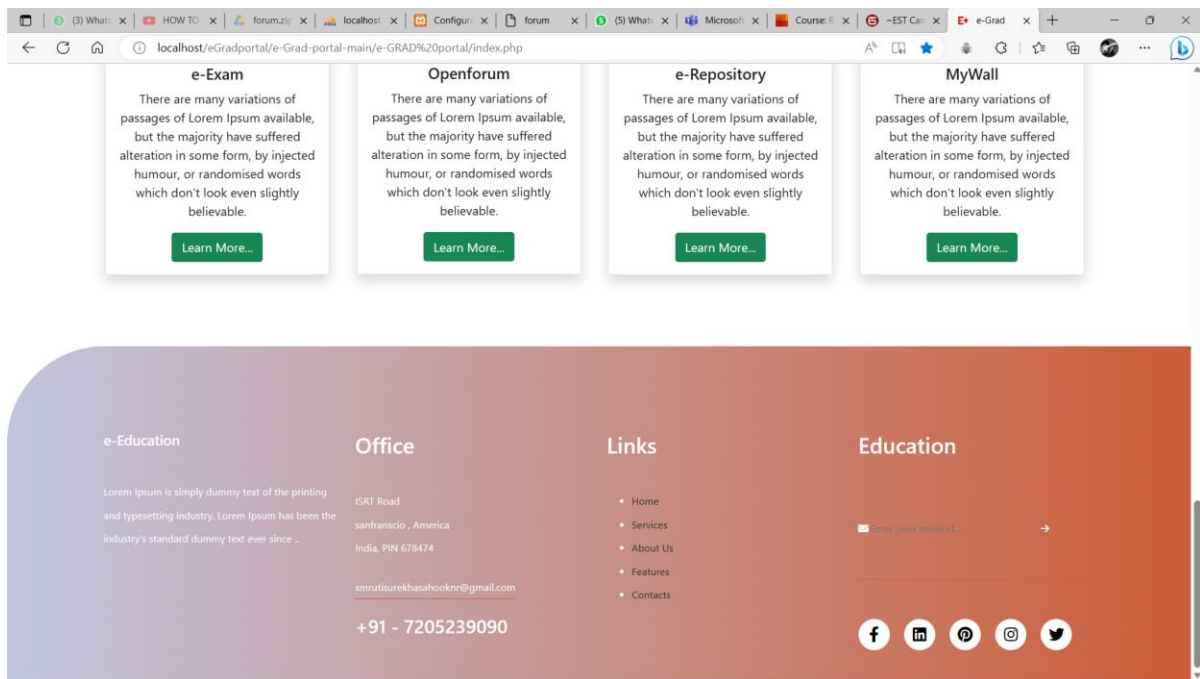












The screenshot displays a web browser window with multiple tabs open. The active tab shows the URL `localhost/eGradportal/e-Grad-portal-main/e-GRAD%20portal/form.php`. The page features a registration form titled "REGISTRATION FORM" overlaid on a background image of a person working on a laptop. The form includes the following fields:

- First Name
- Last Name
- College ID
- Password
- Confirm Password
- Branch (Dropdown menu with "Select" option)
- Gender (Radio buttons for Male, Female, Others)
- Age
- Email Address
- Phone Number
- Address
- Postal Code

localhost/eGradportal/e-Grad-portal-main/e-GRAD%20portal/form.php

Confirm Password

Branch

Gender ☐ Male ☐ Female ☐ Others ☐

Age

Email Address

Phone Number

Address

Postal Code

Technical Skills ☐ C ☐ Java ☐ Python ☐ Jsp

Resume No file chosen

☐ Agreed to terms and conditions

Have an account? [Login now](#)

localhost/eGradportal/e-Grad-portal-main/e-GRAD%20portal/login.php

Login Form

☐ Remember me [Forgot password?](#)

Not a member? [Signup now](#)

localhost/eGradportal/e-Grad-portal-main/e-GRAD%20portal/mywall/account.php

[Logout](#)

Welcome! 20bece41

First Name	smruti
Last Name	surekha
College Id	20bece41
Email	smruti@gmail.com
Branch	ece
Gender	female
Age	5
Phone Number	2147483647
Address	bbsr
Postal Code	751024
Technical Skill	Array

[Edit Profile](#)[Change Password](#)

localhost/eGradportal/e-Grad-portal-main/e-GRAD%20portal/e-repo/day1.php

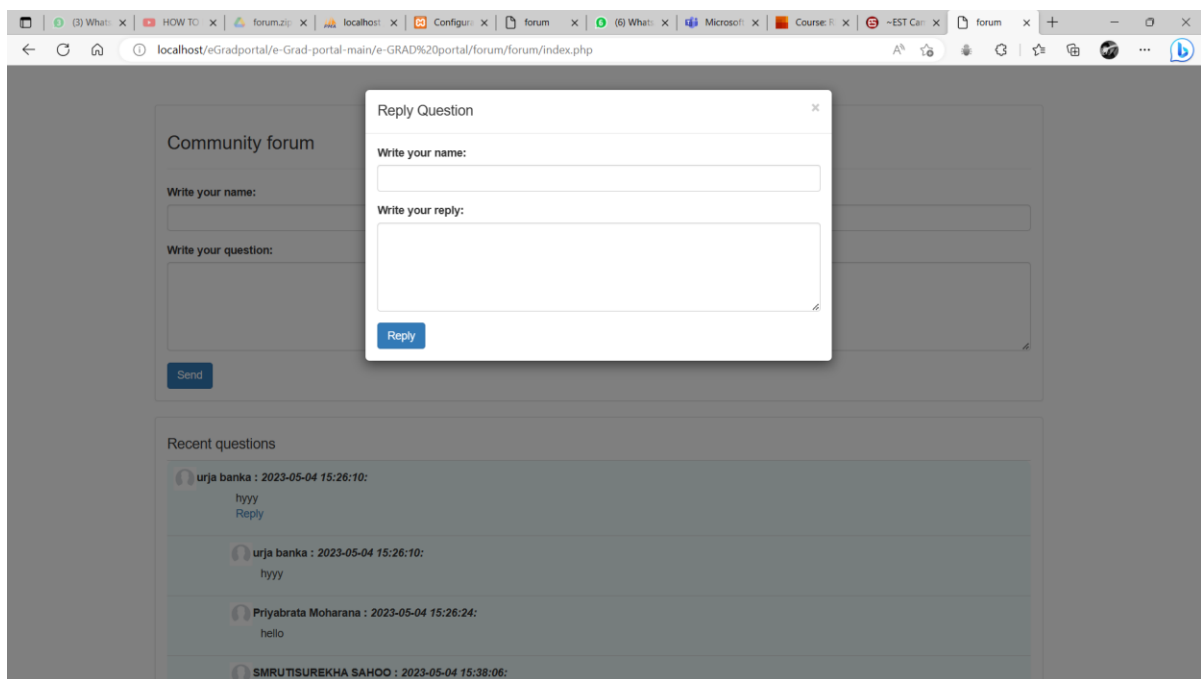
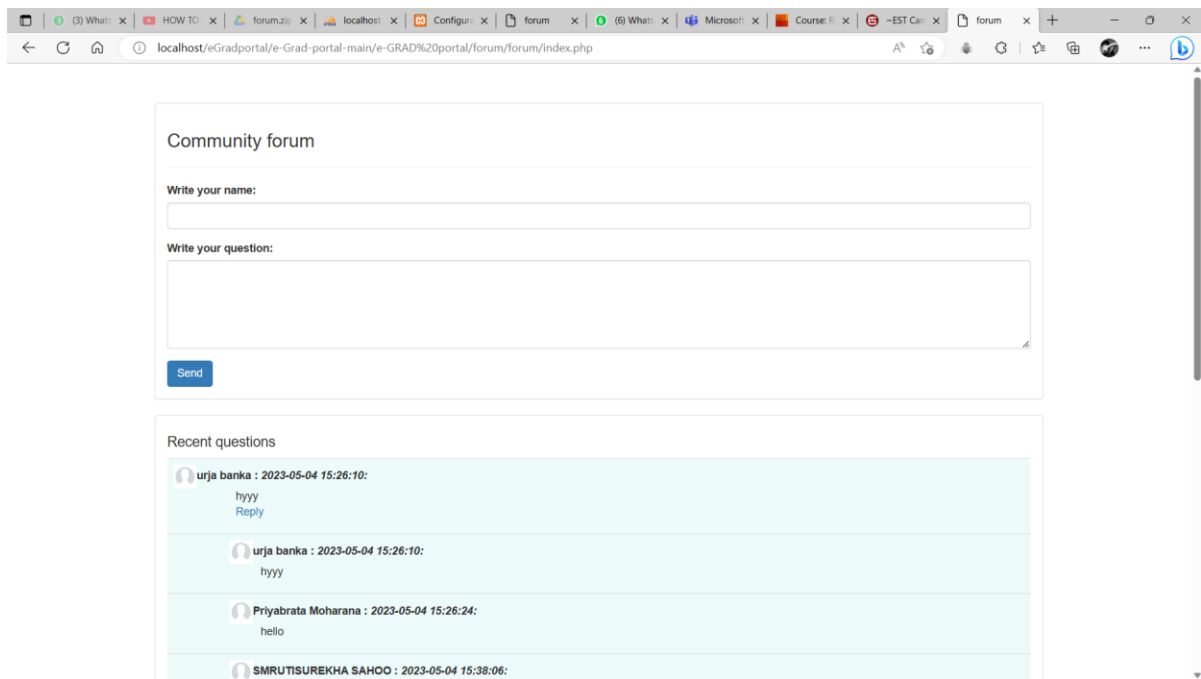
Homeopenforume-repositorymywallLog out

Welcome to my e-exam website

Choose a file to upload:

[Choose a file](#)[Upload](#)

First Name	Last Name	File Name	Time	Download Your file
prakash	Doe	file1.pdf	12:30 PM	Download
Rachit	Doe	file1.pdf	12:30 PM	Download
sushil	Doe	file1.pdf	12:30 PM	Download
happy	Doe	file1.pdf	12:30 PM	Download
Raiko	Doe	file1.pdf	12:30 PM	Download
sree	Doe	file1.pdf	12:30 PM	Download



localhost/eGradportal/e-Grad-portal-main/e-GRAD%20portal/e-exam/day1.php

Home openforum e-repository mywall Log out

WELCOME TO E-EXAM SECTION.....

Welcome to MyExam Website

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque euismod justo eget semper vestibulum.

Select Subject
Select Subject
CN
OS
FLAT
CN
OS
FLAT

Exam Guidelines

Following rules before starting the exam:

1. You must use a functioning webcam and microphone
2. No cell phones or other secondary devices in the room or test area
3. Your desk/table must be clear or any materials except your test-taking device
4. No one else can be in the room with you
5. No talking
6. The testing room must be well-lit and you must be clearly visible
7. No dual screens/monitors
8. Do not leave the camera
9. No use of additional applications or internet

localhost/eGradportal/e-Grad-portal-main/e-GRAD%20portal/quiz/text.php

E-exam Quizmania

Welcome 20bece41 0: 56

welcome 20bece41, you have to select only one out of 4.Best of luck:)

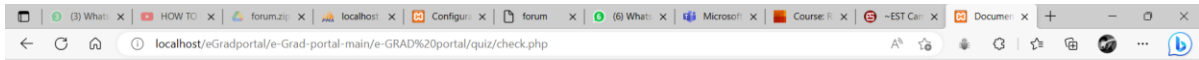
Which language runs in a web browser?

☐ Java
☐ C
☐ Python
☐ JavaScript

What does CSS stand for?

☐ Central Style Sheets
☐ Cascading Style Sheets
☐ Cascading Simple Sheets
☐ Cars SUVs Sailboats

For a binary search algorithm to work, it is necessary that the array (list)



E-EXAMINATION QUIZ

Results	
Questions Attempted	Out of 5 , you have selected 5 options.
Your total score	Your total score is 1.

LOGOUT

Showing rows 0 - 2 (3 total, Query took 0.0003 seconds)

```
SELECT * FROM `signup`
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

	fname	lname	cid	password	cpassword	branch	gender	age	email	phone	address	poscode	ts	resume		
<input type="checkbox"/>	Edit	Copy	Delete	Priyabrata Moharana	20BCSA95	PriyabrataHappy	cse	male	21	priyabrata2002@gmail.com	2147483647	Silicon Institute of Technology, BBSR	751024	Array [BLOB - 25 B]		
<input type="checkbox"/>	Edit	Copy	Delete	smruti	surekha	20bec41	123456789	123456789	ece	female	5	smruti@gmail.com	2147483647	bbsr	751024	Array [BLOB - 22 B]
<input type="checkbox"/>	Edit	Copy	Delete	urja	banka	20bec49	12345678	12345678	cse	female	9	urja@gmail.com	2147483647	bbsr	751024	Array [BLOB - 11 B]

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

[Print](#) [Copy to clipboard](#) [Export](#) [Display chart](#) [Create view](#)

Console

Server: 127.0.0.1 - Database: quizdbase

phpMyAdmin

Recent Favorites

- New
- cee_db
- forum
- information_schema
- mysql
- performance_schema
- phpmyadmin
- project
- signup
- quizdbase
 - New
 - answers
 - questions
 - user
- sam_reg_details
- test

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> answers		20	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> questions		5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
<input type="checkbox"/> user		35	InnoDB	utf8mb4_general_ci	16.0 KiB	-
3 tables	Sum	60	InnoDB	utf8mb4_general_ci	48.0 KiB	0 B

☐ Check all With selected:

Print Data dictionary

Create table

Name: Number of columns:

Go

Console