



J component project report
On
COMPETITIVE EXAM REGISTRATION

to be submitted in partial fulfilling of the requirements for the course on

E GOVERNANCE- SWE1012(B2)

Faculty: Jagadeesh G

By

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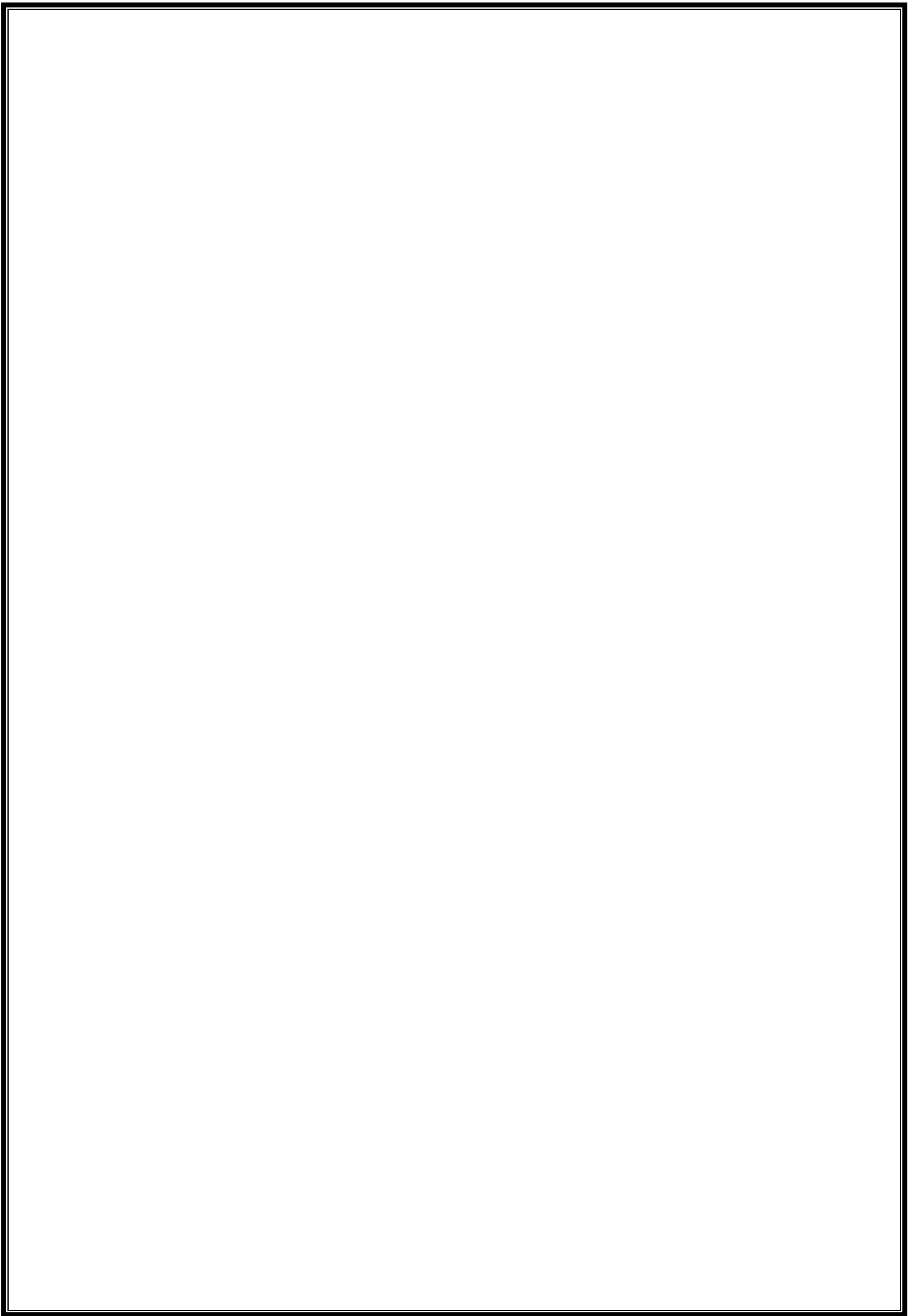




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ABSTRACT

Online Examination System is a technology-driven way to simplify examination activities like defining exam patterns with question banks, defining exam timer, objective/ subjective question sections, conducting exams using the computer or mobile devices in a paperless manner.

The main goal of this online examination system is to effectively evaluate the student thoroughly through a totally automated system that not only reduce the required time but also obtain fast and accurate results,

This examination system uses fewer resources and reduces the need for question papers and answer scripts, exam room scheduling, arranging invigilators, coordinating with examiners, and more

REVIEW-1

INTRODUCTION

- This project is entitled “Exam Registration System” . The Exam Registration system will help in registering student details to issue hall ticket for the exam.
- It allows the attendee to register when it is most convenient for them. It is important for the organizer to establish specific open and close dates, giving your registrants ample time to complete the registration

OBJECTIVES

The main objectives of the site are:

- It helps the management to conduct the online registration. And the purpose of this project is to change the basic paper (Traditional way of use) the way used to students application issues In this project, researcher design website which helps students to do their exam registration without time consuming.
- The register maintain the details and view all the students who have registered to paper for an exam. Exam registration system automates the system, rechecking the inclusion of all details, automatically initializing the date of exam and other details.
- Through the site the administrator checks out to see if the fees is paid,based on which the hall ticket is issued.

STAKEHOLDERS

- Students who will register from examination.
- The agencies which will conduct the examination.
- Bank who will facilitates the transaction of money.

STEPS TO BE FOLLOWED

- Open the site and apply for registration for the specific examination.
- The user has to provide his name, contact details and set a password.
- The next step is to provide personal information including his category and income status, education details and choose the preferred cities.
- Now the user has to select the payment mode(internet banking, credit/debit card ,UPI) and make the transaction.

FEATURES TO BE IMPLEMENTED

- We will provide previous year's question paper, right after the registration so that the examinees would be able to start their practice right away
- As we see in the existing portal the correction window opens after the registration is once closed and is available for few days but in our case it will open just after one has registered successfully and will close before the allotment of hall ticket.



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REVIEW-2

ENTITY RELATIONSHIP DIAGRAM:

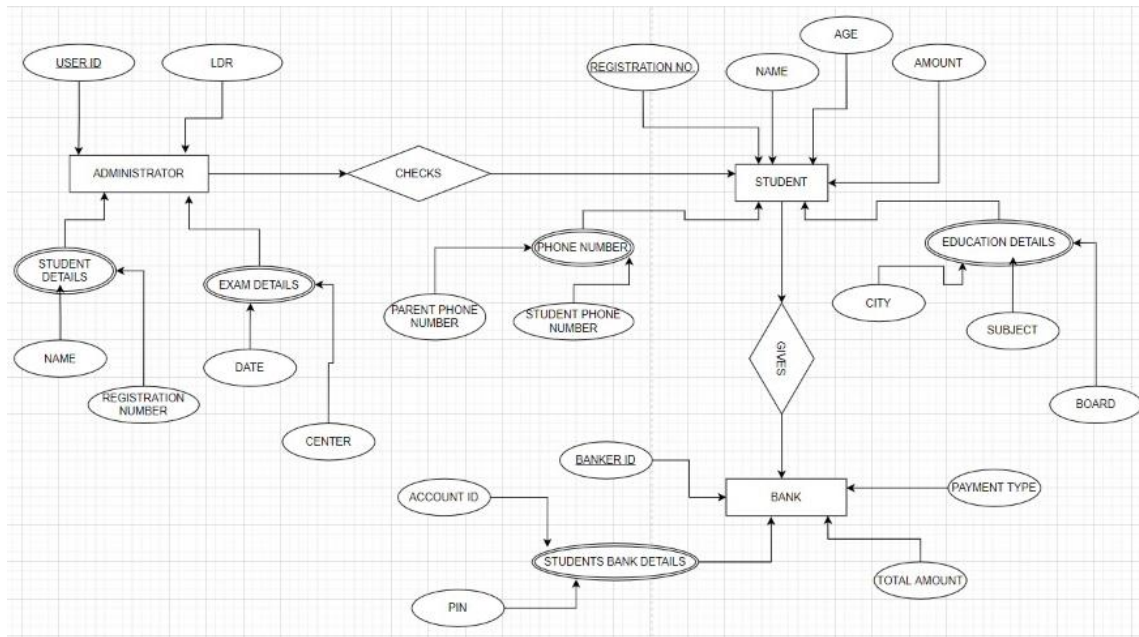


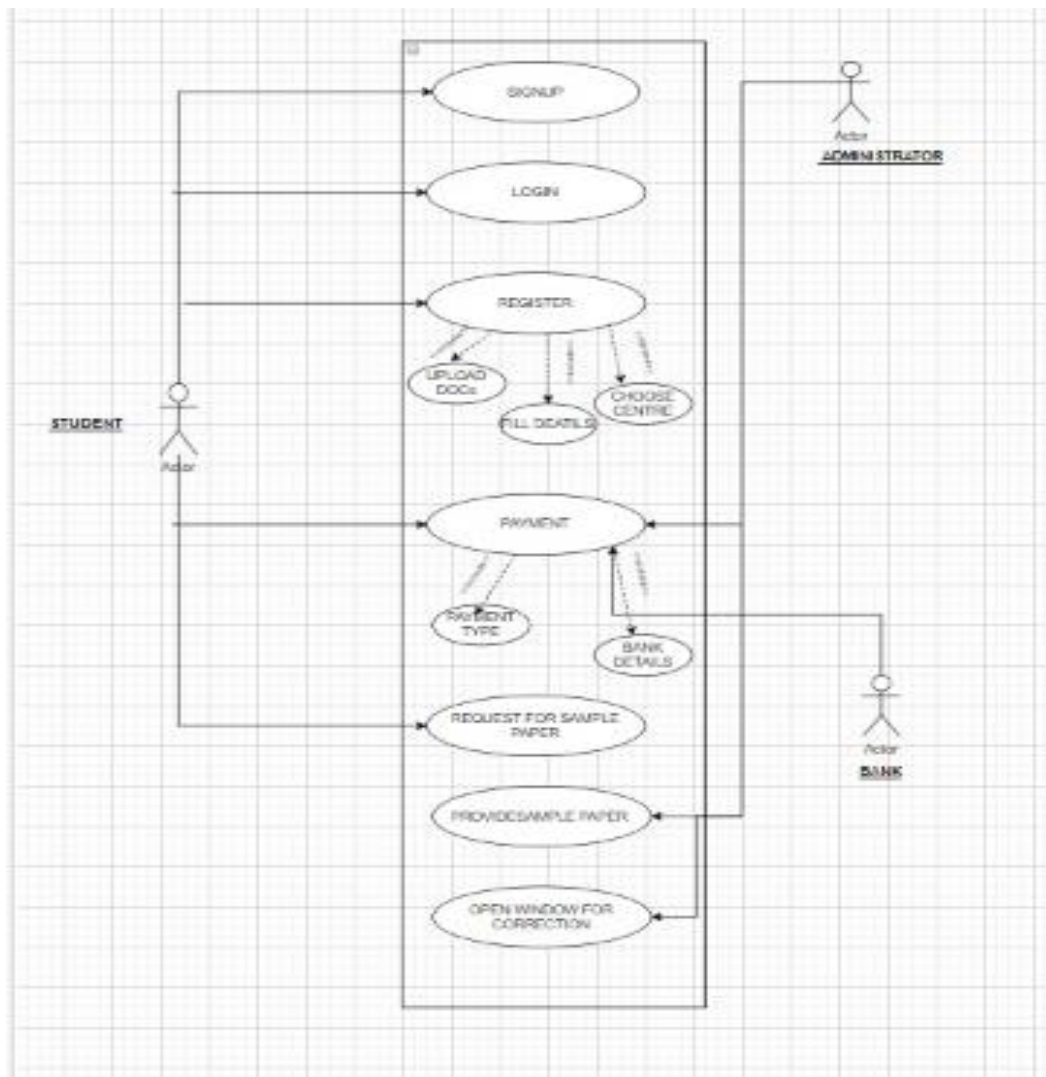
TABLE:

STUDENT	
PK	REGISTRATION NO.
	NAME
	AGE
	EDUCATION DETAILS
	CATEGORY
	PHONE NUMBER

ADMINISTRATOR	
PK	USER ID
	STUDENT DETAILS
	EXAM DETAILS
	LAST DATE OF REGISTRATION

BANK	
PK	BANKER ID
	STUDENT BANK DETAILS
	PAYMENT TYPE
	TOTAL AMOUNT

USECASE DIAGRAM:



TECHNOLOGIES USED

- DATA WAREHOUSING AND DATA MINING
- SMART CARD

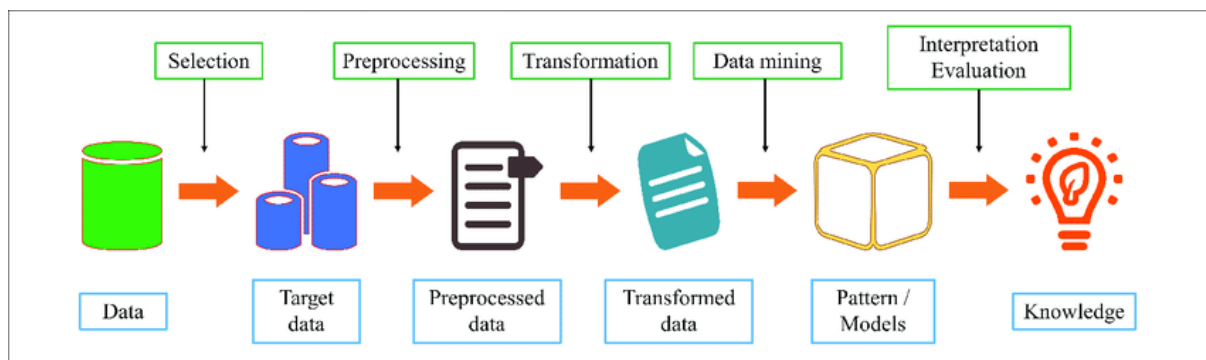
DATA WAREHOUSING

Data warehousing is the process of constructing and using a data warehouse. A data warehouse is constructed by integrating data from multiple heterogeneous sources that support analytical reporting, structure and/or ad hoc queries and decision making. Data warehousing involves data cleaning, data integration and data consolidation.



DATA MINING

Data mining is a process of carefully reviewing and processing large quantities of data to discover important patterns, findings or correlations which might be important. It is the practice of analyzing large databases in order to generate new information.



STEPS IN DATA MINING

THEIR IMPACT ON OUR PROJECT

The need to use data warehouse in which it will create database to store all the personal, educational and all the details of the student and also organize it in a common database. The datamining will recognize the pattern and retrieve the details to the admin at the time of correction of data provided by the students. Web structure mining discovers the structure of the hyperlinks between documents, categorizing sets of web pages and measuring the similarity and

relationship b/w different sites. It will link the main site to site where previous question will be available. And will also look after the cleaning of raw data.

SMART CARD

A smart card is a device that includes an embedded integrated circuit chip (ICC), that can be either a secure microcontroller or equivalent. intelligence with internal memory or memory chip alone. The card connects to a reader with direct physical contact or with a remote contactless radio frequency interface. It is a plastic credit card-sized card which can provide personal identification, authentication, data storage and application processing. It may provide strong security authentication for single sign-on (SSO) within organizations.



ITS IMPACT ON OUR PROJECT

The process that ends the registration process is selecting the payment mode for paying for the registration. Since the website provide credit and debit card as a payment mode, the examinees the users can use 'smart card as well'. Smart card can be accessed using a PIN of four to six digit that every user is assigned with. Smart cards are secure as they store information in encrypted format and are less expensive and provides faster processing.

WHY SMART CARD OVER DEBIT CARD

Smart cards offer more security than debit cards. We can store sensitive or personal data safely by using smart cards.

Generally smart cards are prepaid and we may use it up to the limit we have recharged it, where as when we use a debit card to buy something money is

deducted from the connected account and we can only spend it up to available bank balance.

OPEN STANDARDS

An open standard is a standard that is publicly available and has various rights to use associated with it and may also have various properties of how it was designed. There is no single definition, and interpretations vary with usage.

OPEN STANDARDS USED

- **HTML:**
The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser.
- **SQL:**
SQL is a domain-specific language used in programming and designed for managing data held in a relational database management system.
- **PHP:**
Hypertext Preprocessor is a general purpose scripting language that will be used to connect and manipulate databases.



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REVIEW-3

IMPLEMENTATION

We have used html for the development of our website. For creating database sql has been used, but html and sql are non dynamic languages so to form connection between these two languages php comes in the play.

HTML CODE:

- **HOME PAGE**

```
<html>
<head>
<title>COMPETITIVE EXAM REGISTRATION</title>
</head>
<body bgcolor="lavender">
<ul>
<font type="time new roman" size=50 color="red">
<marquee>APPLY FOR REGISTRATION!EXAM DATES
2022</marquee>
</font>
<h3><P><font type="baskerville old face" size=5 color="black">After
passing the 12th standard there are so many options for the carrier.
The government considers it important to conduct the examination for
choosing the right candidate for the specific post.
There are immense sorts of exams such as SSC Exams, Bank Exams,
Railway Exams, and lots more where people can try their luck.
As we all know that government jobs are the most sought for, amongst
people for safety ahead.
</font></P></h3>
<BR>
```

<h3>Here are the following most demanded career options open for registration

</h3>

<h4>ENGINEERING</h4>

<table border="1" style="width:50%" align="center">

<tr>

<td>JEE MAINS1</td>

<td>26 FEBRUARY</td>

</tr>

<tr>

<td>JEE MAINS2</td>

<td>27 MARCH</td>

</tr>

<tr>

<td>JEE MAINS3</td>

<td>31 APRIL</td>

</tr>

</table>

<hr size="5" noshade>

<h4>UPSC</h4>

<table border="1" style="width:50%" align="center">

<tr>

<td>UPSC</td>

<td>2 FEBRURARY</td>

</tr>

</table>

<hr size="5" noshade>

<h4>MEDICAL</h4>

<table border="1" style="width:50%" align="center">

<tr>

<td>NEET</td>

```
<td>2 MAY</td>
</tr>
</table>
<hr size="5" noshade>
</body>
</html>
```

- **SECOND PAGE**

```
<html>
<head>
<title>engineering</title>
</head>
<body bgcolor="lavender">
<h1><center> ENGINEERING ELIGIBILITY CRITERIA
</center></h1>
<h3><br><font size=5 type="baskerville old face">The eligibility criteria
for Engineering is the same for the national and university level
examination.
Candidates have to check the Eligibility, before filling the Application
form:</font></h3>
<h4><font size=5 type="baskerville old face" color="maroon">
<ul>
<li>The candidate should have completed the 12th standard with the
Science stream.</li>
<li>The students must have Chemistry, Mathematics, and Physics as the
subjects in Class 12th.</li>
<li>Candidates must score at least 50% of marks in the 12th standard to
be eligible for B.Tech admission in engineering colleges. </li>
<li>And students belonging to reserved categories such as SC/ ST will
have a relaxation of up to 5% in the minimum qualifying marks.</li>
</ul>
</font>
</h4>
<center><font size=10><a
href="http://localhost/egov%20project/eform1.php">APPLY
NOW</a></font></center>
<h4><font size=5 type="baskerville old face" color="maroon">Interested
students can take the sample paper from the link below:-
<a href="https://jeeadv.ac.in/pastqp.php">SAMPLE PAPER MAIN</a>
```


SAMPLE PAPER ADVANCE

</body>
</head>
</html>

• **THIRD PAGE**

<html>
<head>
<title>upsc</title>
</head>
<body bgcolor="lavender">
<center> <h1>UPSC ELIGIBILITY CRITERIA</h1> </center>

<h3>The eligibility criteria for UPSC is the same for the national and university level examination. Candidates have to check the Eligibility, before filling the Application form:</h3>

<h4>

General Category & EWS: 32 years; 6 attempts.
OBC (with certificate): 32 years + 3 years; 9 attempts.
SC/ST: 32 years + 5 years; unlimited attempts.
Disabled and discharged Defence service personnel: 32 years + 3 years + (3 years, if Gen/OBC OR 5 years, if SC/ST)
Ex-Servicemen Commission Officer: 32 years + 5 years + (3 years, if OBC OR 5 Years, if SC/ST)

</h4>

<center>APPLY NOW</center>
<h4>Interested students can take the sample paper from the link below:-

[SAMPLE PAPER](https://www.upsc.gov.in/examinations/previous-question-papers)

</body>

</head>

</html>

- **FOURTH PAGE**

<html>

<head>

<title>medical</title>

</head>

<body bgcolor="lavender">

<center> <h1>MEDICAL ELIGIBILITY CRITERIA</h1> </center>

<h3>The eligibility criteria for UPSC is the same for the national and university level examination. Candidates have to check the Eligibility, before filling the Application form:</h3>

<h4>

Must have passed 10+2 or equivalent with Physics, Chemistry, Biology and English as core subjects from a recognized board.

There is no upper age limit till the Supreme Court passes its judgment on it.

Qualifying Marks-UR - 50%,OBC/SC/ST - 40%,PWD - 45%

There are no restrictions on the maximum attempt of the candidates

Indian Nationals, NRIs, OCIs, PIOs & Foreign Nationals aspirants are eligible to apply

</h4>

<center>APPLY

NOW</center>

<h4>Interested students can take the sample paper from the link below:-

```
<a href="https://mystudycart.com/aipmt-past-year-papers-free-  
download">SAMPLE PAPER</a>
```

```
</body>
```

```
</head>
```

```
</html>
```

PHP CODE

- **CONNECTION PAGE**

```
<?php  
$servername="localhost";  
$username="root";  
$password="";  
$dbname="registration";  
$conn=mysqli_connect($servername,$username,$password,$dbname);  
if($conn)  
{  
//echo "connection ok";  
}  
?>
```

HTML/PHP CODE

- **FORM**

```
<?php  
include("connection.php");  
  
?>  
  
<html>  
<head>  
<title>form</title>  
</head>  
<body>  
  <h3><br>PERSONAL DETAILS</h3>  
  <form action="<?php echo  
htmlspecialchars($_SERVER["PHP_SELF"]);?>" method="post">  
    <label for="fname">First name:</label><br>  
    <input type="text" id="fname" name="fname" ><br>
```

```
<label for="lname">Last name:</label><br>
<input type="text" id="lname" name="lname" ><br>
<label for="phonenummer">Phone number:</label><br>
<input type="number" id="phonenummer" name="phonenummer"><br>
<label for="address">Address:</label><br>
<input type="text" id="address" name="address"><br>
<label for="gender">gender:</label><br>
<input type="text" id="gender" name="gender"><br>
```

```
<br><h3>Education details:</h3>
```

```
<label for="board">board:</label><br>
  <input type="text" id="board" name="board"><br>
<label for="school">school name:</label><br>
  <input type="text" id="school" name="school"><br>
<label for="city">city:</label><br>
  <input type="text" id="city" name="city"><br>
<label for="state">state:</label><br>
  <input type="text" id="state" name="state"><br>
<label for="percentage">percentage:</label><br>
  <input type="number" id="percentage" name="percentage"><br>
```

```
<br><h3>Exam Centre</h3>
<label for="centre">centre</label><br>
<input type="text" id="centre" name="centre"><br>
<br>
<input type="submit" value="submit"><br>
```

```
</form>
</body>
</html>
```

```
<?php
$f=" ";
$l=" ";
$p=" ";
```

```
$a=" ";  
$g=" ";  
$b=" ";  
$s=" ";  
$c=" ";  
$ss=" ";  
$pp=" ";  
$cc=" ";
```

```
if ($_SERVER["REQUEST_METHOD"] == "POST") {  
$f=$_POST['fname'];  
$l=$_POST['lname'];  
$p=$_POST['phonenumner'];  
$a=$_POST['address'];  
$g=$_POST['gender'];  
$b=$_POST['board'];  
$s=$_POST['school'];  
$c=$_POST['city'];  
$ss=$_POST['state'];  
$pp=$_POST['percentage'];  
$cc=$_POST['centre'];
```

```
$query="INSERT INTO `student`(`fname`,`lname`,`phone number`,  
`address`,`gender`,`board`,`school`,`city`,`state`,`percentage`,  
`centre`) VALUES('$f','$l','$p','$a','$g','$b','$s','$c','$ss','$pp','$cc')";  
if(mysqli_query($conn,$query)){  
echo "Data registered successfully."  
}  
else{  
echo "data fetched but not entered";  
}  
  
}  
else{  
echo "unsuccessful."  
}  
?>  
<html>  
<body>
```

```
<a href="http://localhost/egov%20project/payment.php" >PAYMENT
</a>
</body>
</html>
```

- **PAYMENT**

```
<?php
include("connection.php");
```

```
?>
```

```
<html>
<head>
<title>form</title>
</head>
<body>
  <h3><br>CARD DETAILS</h3>
  <form action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>" method="post">
    <label for="cnumber">CARD NUMBER:</label><br>
    <input type="number" id="cnumber" name="cnumber" ><br>
    <label for="holdername">holdername:</label><br>
    <input type="text" id="holdername" name="holdername" ><br>
    <label for="cvv">cvv:</label><br>
    <input type="number" id="cvv" name="cvv"><br>
    <label for="edate">EXPIRATION DATE:</label><br>
    <input type="text" id="edate" name="edate"><br>

    <button type="button">payment</button>
  </form>
</body>
</html>
<?php
$f=" ";
$l=" ";
$p=" ";
$a=" ";
```

```
if ($_SERVER["REQUEST_METHOD"] == "POST") {  
    $f=$_POST['cnumber'];  
    $l=$_POST['holdername'];  
    $p=$_POST['cvv'];  
    $a=$_POST['edate'];  
  
    $query="INSERT INTO `payment`(`cnumber`, `holdername`, `cvv`,  
    `edate`) VALUES('$f','$l','$p','$a')";  
    if(mysqli_query($conn,$query)){  
        echo "Data registered successfully.";  
    }  
    else{  
        echo "data fetched but not entered";  
    }  
  
    }  
  
    ?>
```

WEBSITE

- **HOME/FIRST PAGE**

COMPETITIVE EXAM REGISTRATI x +

File | C:/Users/NISHI%20SINHA/Desktop/ce.html

APPLY FOR REGISTRATION! EXAM DATES 2022

After passing the 12th standard there are so many options for the carrier. The government considers it important to conduct the examination for choosing the right candidate for the specific post. There are immense sorts of exams such as SSC Exams, Bank Exams, Railway Exams, and lots more where people can try their luck. As we all know that government jobs are the most sought for, amongst people for safety ahead.

Here are the following most demanded career options open for registration

- [ENGINEERING](#)

JEE MAINS1	26 FEBRUARY
JEE MAINS2	27 MARCH
JEE MAINS3	31 APRIL

- [UPSC](#)

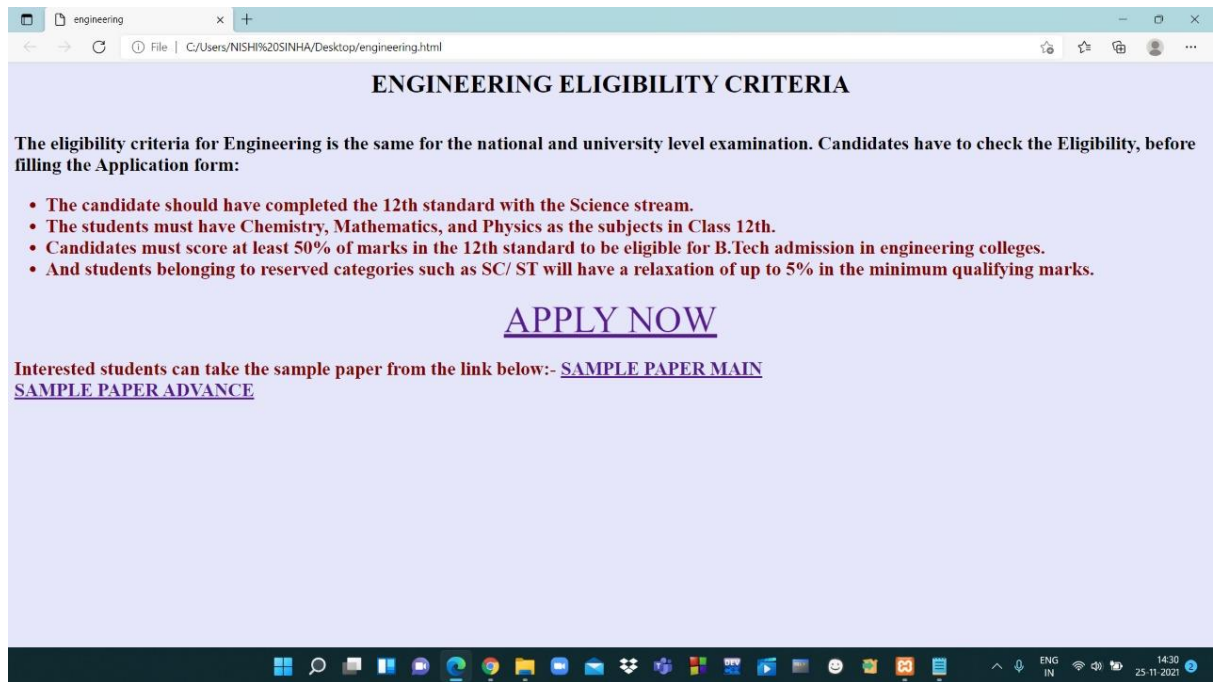
UPSC	2 FEBRUARY
------	------------

- [MEDICAL](#)

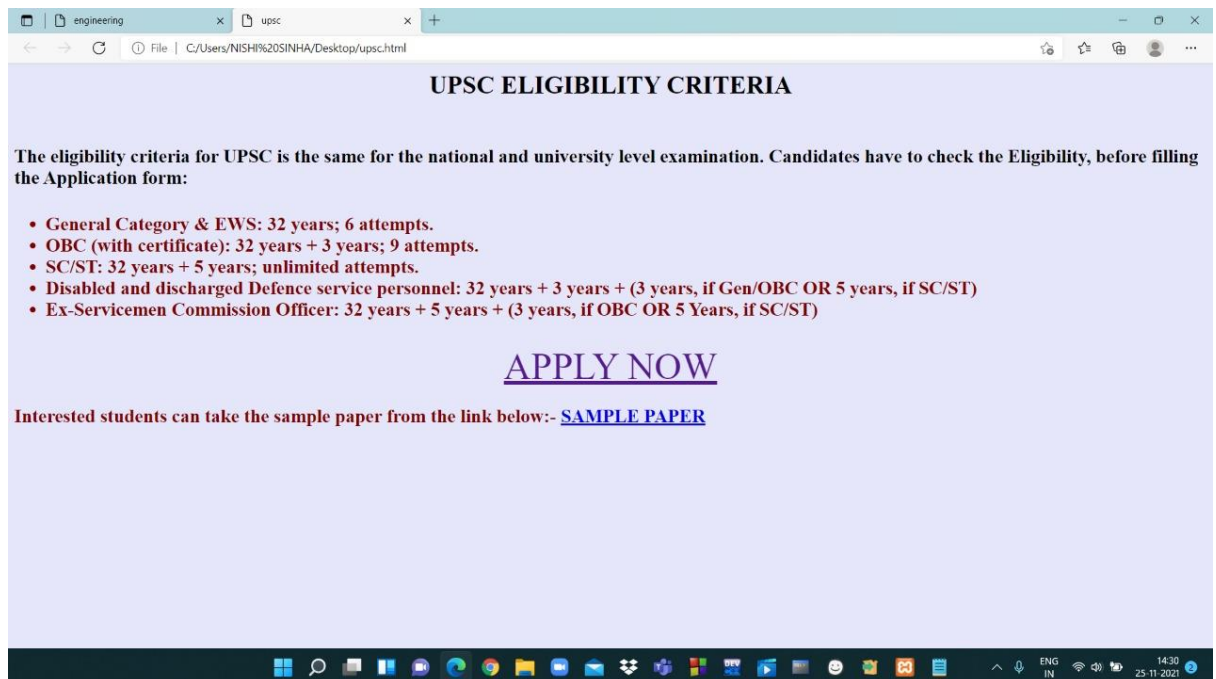
NEET	2 MAY
------	-------

Windows taskbar: 01:15 25-11-2021

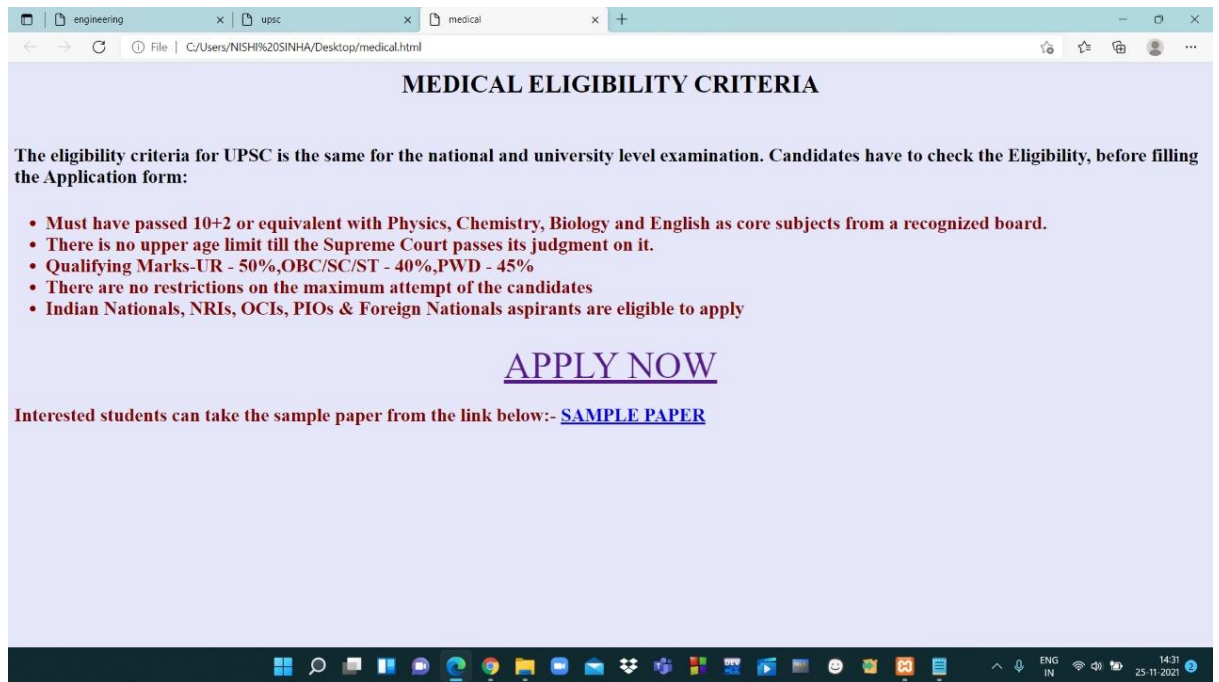
- **SECOND PAGE**



• THIRD PAGE



• FOURTH PAGE



- **FORM**

A screenshot of a web browser window showing a registration form. The form is divided into two main sections: "PERSONAL DETAILS" and "Education details:". Under "PERSONAL DETAILS", there are input fields for "First name:", "Last name:", "Phone number:", "Address:", and "gender:". Under "Education details:", there are input fields for "board:", "school name:", "city:", "state:", and "percentage:". Below these sections is an "Exam Centre" section with a "centre" input field and a "submit" button. The browser's address bar shows the URL "http://localhost/egov%20project/eform1.php". The Windows taskbar at the bottom shows the time as 15:08 on 25-11-2021.

- **PAYMENT**

CARD DETAILS

CARD NUMBER:

holdname:

cvv:

EXPIRATION DATE:

SCHEMA FOR THE TABLES

- **STUDENT DETAILS**

MySQL returned an empty result set (i.e. zero rows) (Query took 0.0006 seconds)

SELECT * FROM `student`

fname lname phone number address gender board school name city state percentage centre

Query results operations

Create view

Bookmark this SQL query

Label: ☐ Let every user access this bookmark

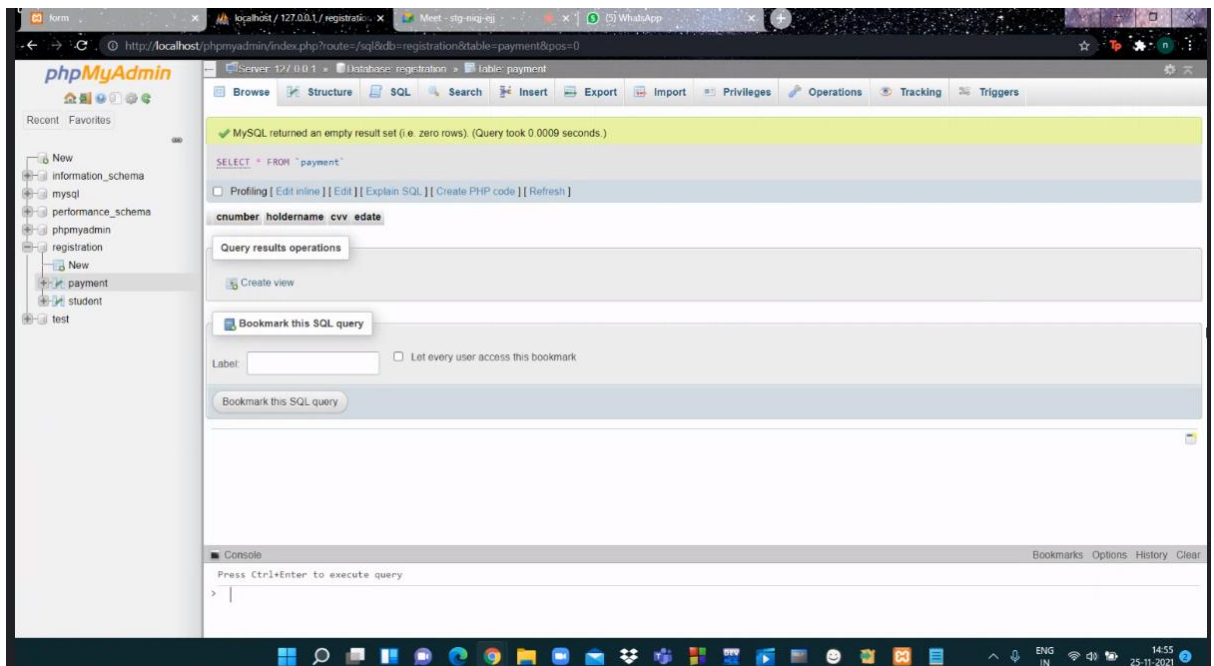
Bookmark this SQL query

Console

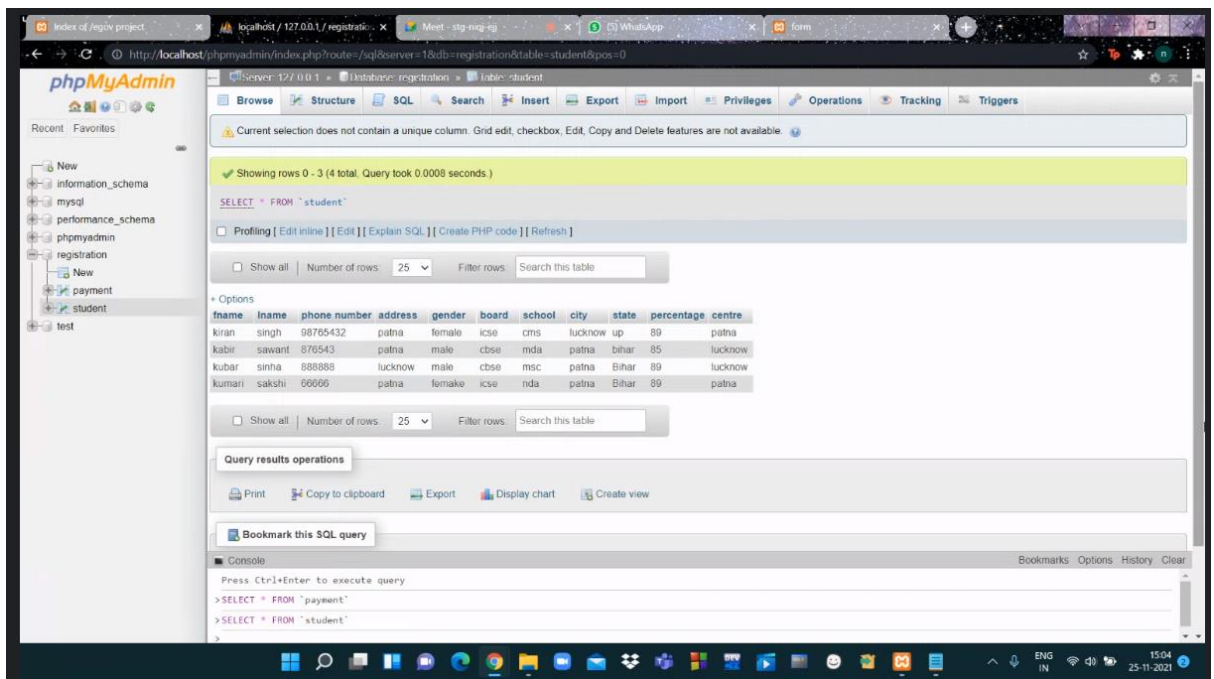
Press Ctrl+Enter to execute query

```
> TRUNCATE TABLE `student`
> SELECT * FROM `student`
> TRUNCATE TABLE `student`
```

- **PAYMENT DETAILS**



DATABASE



CONCLUSION

- This site will help the stakeholders during the process as the steps are easy and smooth functioning.
- Easy availability of sample question paper will make the children reach out to the site.
- Available to all.

REFERENCES

<https://www.exams88.in/upcoming-government-exams/>

<https://www.w3schools.com/html/>

[w3schools.com/php/](https://www.w3schools.com/php/)

<https://www.youtube.com/watch?v=2fM6BJXvP6A&list=PLejKBGxF74J6Vm4RB06-3Qzzz1dn5XR0R>