SOLAPUR EDUCATION SOCIETY'S

S.E.S. POLYTECHNIC, SOLAPUR

Samrat Chowk, Solapur

C E R T I F I C A T E

This is to certify that **Suvarnalaxmi Lambture (3502)** of Sixth Semester of Diploma in Computer technology of Institute **Solapur Education Society's Polytechnic, Solapur (0095)** has satisfactorily completed micro-project titled **ID Card Generation** in subject "**Web based application Development using PHP" (22619)** for academic year 2021-2022 as prescribed by Maharashtra State Board of Technical Education, Mumbai.

Place: Solapur Enrollment No:1900950046

Date: / 05 / 2022 Exam Seat no:149946

(Mrs. Katare P.A.)	**(Mr. Patil M.C)**	**(Bhawtankar A.A.)**
Staff In-charge	**Head of Dept**	**Principal**
		S.E.S. Polytechnic,
		Solapur

Synopsis:

This project is based on generating a form for filling details of a student from any branch and then printing an identity card in the form of pdf or directly print the ID card if any printer is available.

Microproject – Course Outcome Matrix

a. Develop program using control statements.
b. Perform operations based on arrays & graphics.
c. Develop programs by applying various object-oriented concepts.
d. Use form controls with validation to collect user's input.
e. Perform database operations in PHP.

Sr.no	Name of Microproject	CO a	CO b	CO c	CO d	CO e
1.	**ID Card Generation**	✓	✓	-	✓	✓

ANNEXURE II

Evaluation Sheet for the Micro Project

Academic Year: 2021-2022 **Name of Faculty: Mrs.P.A. Katare**

Course: Web Based Application Development with PHP **Course Code: 22619**

Sem: 6-I

Title of the Project: ID Card Generation

CO addressed by the Micro Project:

a. Develop program using control statements.
b. Perform operations based on arrays & graphics.
c. Develop programs by applying various object-oriented concepts.
d. Use form controls with validation to collect user's input.
e. Perform database operations in PHP.

Major Learning Outcome achieved by students by doing the Project:

a) Practical Outcomes:

_____

_____

b) Unit Outcomes in Cognitive domain:

_____

_____

c) Outcomes in affective domain:

_____

_____

Comments/Suggestions about team work/leadership/inter-personal communication (if any)

_____

_____

Roll No	Student Name	Marks out of 6 for performance in group activity (D5 Col.8)	Marks out of 4 for performance in Oral / Presentation (D5 Col.9)	Total Out of 10
3502	Suvarnalaxmi Prakash Lambture			

(Mrs. P. A. Katare)
(Name & Sign of faculty)

ID Card Generation

Introduction:

PHP:

PHP (Hypertext Preprocessor) is known as a general-purpose scripting language that can be used to develop dynamic and interactive websites. It was among the first server-side languages that could be embedded into HTML, making it easier to add functionality to web pages without needing to call external files for data.

phpMyAdmin:

phpMyAdmin is a free software tool written in PHP, intended to handle the administration of MySQL over the Web. phpMyAdmin supports a wide range of operations on MySQL and MariaDB. Frequently used operations (managing databases, tables, columns, relations, indexes, users, permissions, etc.) can be performed via the user interface, while you still have the ability to directly execute any SQL statement.

MySQL:

MySQL is a first choice of PHP developers. As an open-source Relational Database Management System (RDBMS) that uses SQL language, MySQL database helps to automate data retrieving and provide great support in PHP MySQL web application development.

XAMPP:

XAMPP is a free and open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages

SQLite:

SQLite is a database engine written in the C language. It is not a standalone app; rather, it is a library that software developers embed in their apps. As such, it belongs to the family of embedded databases.

JavaScript:

JavaScript, often abbreviated JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS. Over 97% of websites use JavaScript on the client side for web page behavior, often incorporating third-party libraries.

Resources Used:

Windows 11, VScode, XAMPP, MS Word

Code:

clgidform.php

```
<!DOCTYPE html>

<html>

<head>

<title>ID Card Form</title>

<link rel="icon"
href="images/seslogo.jpg"
type="image/jpg">

<link
href="https://fonts.googleapis.com/css?fa
mily=Roboto:300,400,500,700"
rel="stylesheet">

<link rel="stylesheet"
href="https://use.fontawesome.com/release
s/v5.5.0/css/all.css" integrity="sha384-
B4dIYHKNBt8Bc12p+WXckhzcICo0wtJ
AoU8YZTY5qE0Id1GSseTk6S+L3BlXe
VIU" crossorigin="anonymous">

<link rel="stylesheet" href="style.css">

</head>

<body>

<div class="testbox">

<form action="clgidreceive.php"
method="POST"
enctype="multipart/form-data">

<div class="banner">

<h3><br><br><br><br>Solapur
Education
Society's<br> &nbspS.E.S
Polytechnic, Solapur<h1>ID Card
Form</h1></h3>

</div>

<div class="item">

<p>Name</p>

<div class="name-item">

<input type="text" name="fname"
placeholder="First" required/>

<input type="text" name="lname"
placeholder="Last" required/>

</div> </div>

<div class="item">

<p>Branch</p>

<input type="text" name="branch"
required />

</div>

<div class="item">

<p>Date of Birth</p>

<input type="date" name="dob"
required/>

<i class="fas fa-calendar-alt"></i> </div>

<div class="item"> <p>Roll No</p>

<input type="text" name="rollno"
required/> </div>

<div class="item"> <p>Enrollment
No</p>

<input type="text" name="enrollno"
required /> </div>

<div class="item"> <p>Address</p>

<input type="text" name="l1"
placeholder="Street address" required/>

<input type="text" name="l2"
placeholder="Street address line 2" />

<div class="city-item">

<input type="text" name="city"
placeholder="City" required/>

<input type="text" name="statename"
placeholder="State" required/>
```

<input type="text" name="zip" placeholder="Postal / Zip code" required/>

Mobile

<input type="text" name="mbno" placeholder="##########" pattern="[0-9]{10}"required/>

 Upload your photo

<input type="file" name="pic" accept="image/png, image/jpeg, image/jpg" required>

<button type="submit" name="submit">Send Application</button>

</form>

</body>

</html>

connectdb.php

<?php

$servername = "localhost";

$username = "root";

$password = "";

$db = "clgid";

$conn = mysqli_connect ($servername, $username, $password, $db);

if (! $conn)

{die ("Connection failed: ". mysqli_connect_error()); }

#echo "Connected successfully";

?>

clgidreceive.php

<?php

include "connectdb.php";

if (isset($_POST['submit']) && isset($_FILES['pic']))

{

$fname=$_POST['fname'];

$lname=$_POST['lname'];

$branch=$_POST['branch'];

$dob=$_POST['dob'];

$rollno=$_POST['rollno'];

$enrolno=$_POST['enrollno'];

$add1=$_POST['l1'];

$add2=$_POST['l2'];

$city=$_POST['city'];

$states=$_POST['statename'];

$zip=$_POST['zip'];

$mbno=$_POST['mbno'];

$pic_name=$_FILES['pic'] ['name'];

$tmp_name=$_FILES['pic'] ['tmp_name'];

$folder='uploads/'. $pic_name;

//insert into database

$insert = $conn->query ("INSERT INTO clgidtable

(fname, lname, branch, dob, rollno, enrolno,

add1, add2, city, states, zip, mbno, picname)

VALUES

('$fname','$lname','$branch','$dob','$rollno','$enrolno',

```
'$add1','$add2','$city','$states','$zip','$mbno','$pic_name')");
if (move_uploaded_file ($tmp_name, $folder))
{$msg="Image uploaded successfully";}
else
{$msg="Image failed to upload";}
}
?>
<html><head><style>
. card {
box-shadow: 0 4px 8px 0 rgba (0, 0, 0, 0.2);
max-width: 300px;
margin: auto;
text-align: center;
}
. card1 {
box-shadow: 0 4px 8px 0 rgba (0, 0, 0, 0);
max-width: 300px;
margin: auto;
text-align: center;
}
h6{text-align: left;}
button {
width: 150px;
padding: 10px;
border: none;
border-radius: 5px;
background: #892e9b;
font-size: 16px;
color: #fff;
cursor: pointer;
text-align: center;}
button: hover {background: #b52ed1;}
@media print
{. noprint {
visibility: hidden;}}
</style></head><body>
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
<div id="idcard" class ="card">
<img src="images/titlelogo.png" style="width:100%">
<?php
$result=mysqli_query ($conn," SELECT * FROM clgidtable ORDER BY id DESC LIMIT 1;");
while($data=mysqli_fetch_array($result))
{$photo=$data['picname']
?>
<img src="<?php echo $photo; ?>" alt="photo" style="width:25%" ><?php }?><br>
<h6>   &nbspName       :
<?php echo "$fname $lname"?></h6>
<h6>   &nbspBranch    :
<?php echo "$branch"?>
</h6><h6>   &nbspD.O.B      :
```

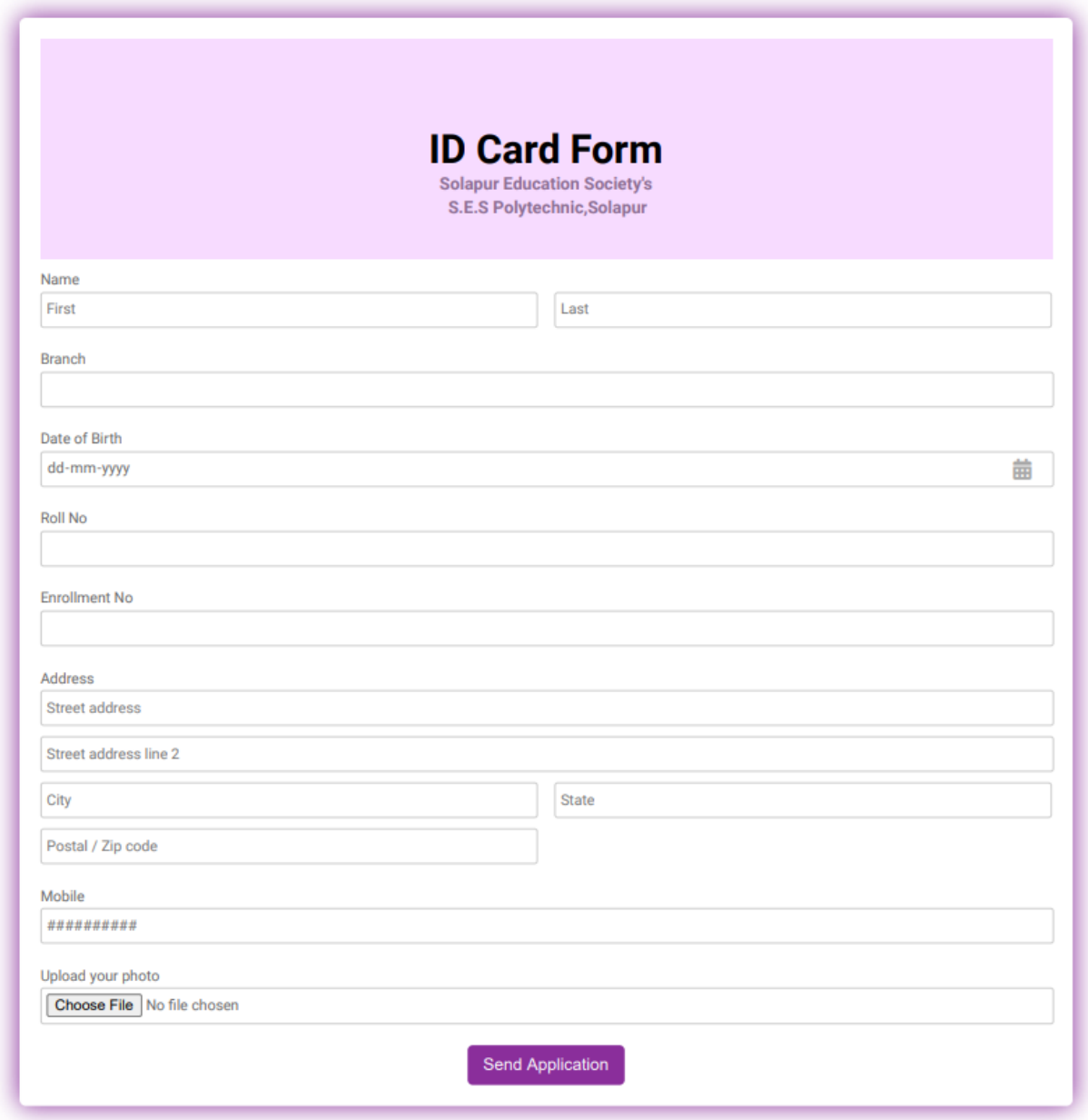
```
<?php echo
$dob"?></h6><h6>   &n
bspRollNo    :

<?php echo
"$rollno"?></h6><h6>   
&nbspEnrol No :

<?php echo
"$enrolno"?></h6><h6>  &nb
sp&nbspAddress   :

<?php echo "$add1
nbsp     &nb
sp      
      &n
bsp  

$add2
      &n
bsp     &nbs
p      &
nbsp  

$city, $states, India, $zip"?>

</h6><h6>   &nbspMob
ile     :

<?php echo "$mbno"?></h6>

<img src="images/princisign.png"
style="width:25%" ></div>

<div class="card1"><br>

<button onclick="printFunction('idcard')"
class="noprint">Print</button>

<script>

function printFunction(idcard){

window.print();}

</script>

<form action="clgidform.php"
method="POST"
enctype="multipart/form-data"><br>

<button type=submit name="back"
class="noprint">Back</button>

</form></div>

</body>

</html>
```

Database

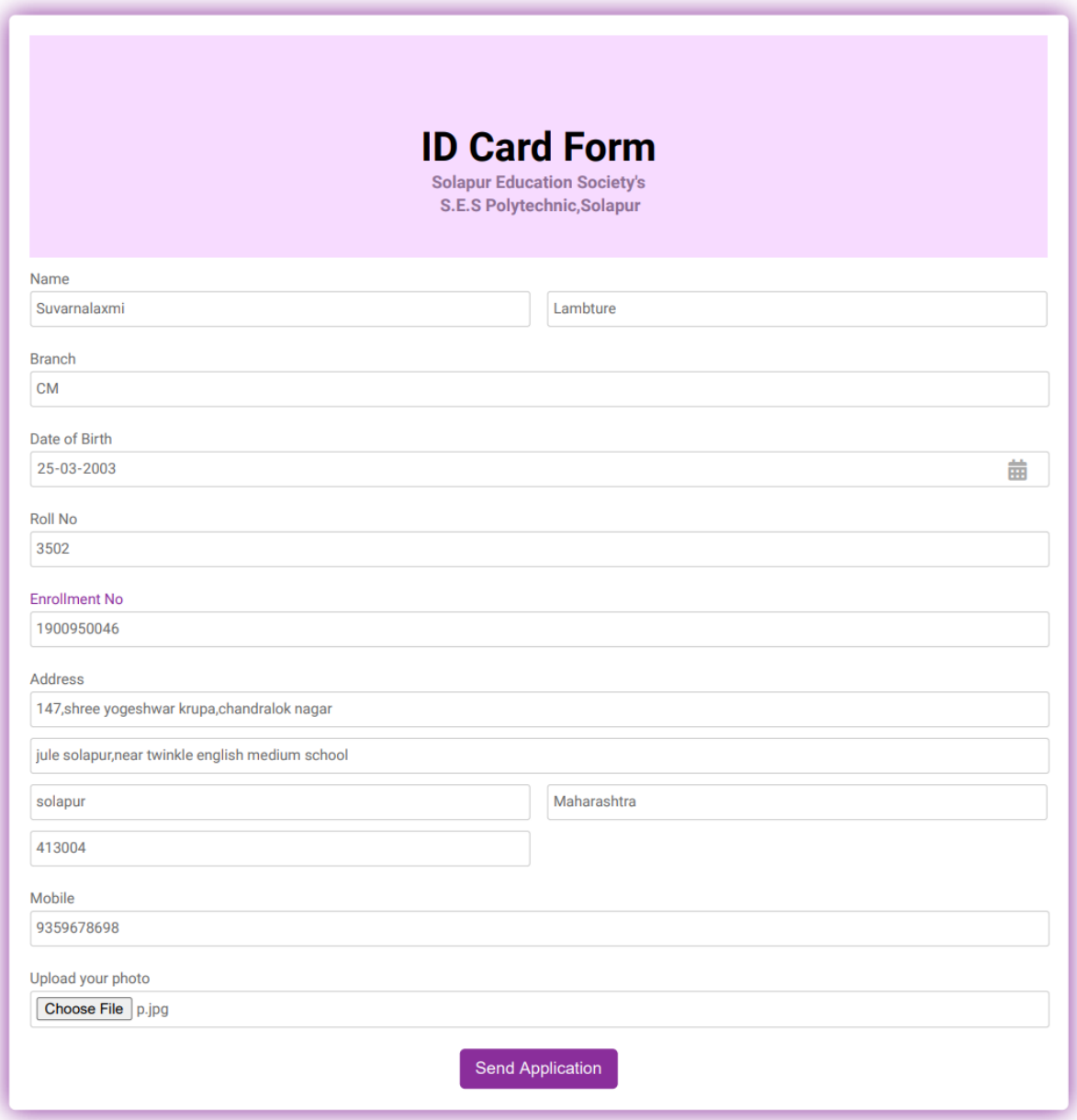
```
//Database: `clgid`
//Table structure for table `clgidtable`
CREATE TABLE `clgidtable` (
  `id` int(11) NOT NULL,
  `fname` varchar(50) NOT NULL,
  `lname` varchar(50) NOT NULL,
  `branch` varchar(10) NOT NULL,
  `dob` date NOT NULL,
  `rollno` int(4) NOT NULL,
  `enrolno` int(10) NOT NULL,
  `add1` varchar(50) NOT NULL,
  `add2` varchar(50) NOT NULL,
  `city` varchar(10) NOT NULL,
  `states` varchar (15) NOT NULL,
  `zip` int (6) NOT NULL,
  `mbno` bigint(10) NOT NULL,
  `picname` varchar (50) NOT NULL
) ENGINE=InnoDB DEFAULT
CHARSET=utf8mb4;
//Dumping data for table `clgidtable
INSERT INTO `clgidtable` (`id`, `fname`,
`lname`, `branch`, `dob`, `rollno`,
`enrolno`, `add1`, `add2`, `city`, `states`,
`zip`, `mbno`, `picname`) VALUES
(10, 'Suvarnalaxmi', 'Lambture', 'CM',
'2003-03-25', 3502, 1900950046,
'147,shree yogeshwar krupa,chandralok
nagar', 'jule solapur,near twinkle english
medium school', 'solapur', 'Maharashtra',
413004, 9359678698, 'p.jpg');
//Indexes for table `clgidtable`
ALTER TABLE `clgidtable`
  ADD PRIMARY KEY (`id`);
//AUTO_INCREMENT for table
`clgidtable`
ALTER TABLE `clgidtable`
  MODIFY `id` int(11) NOT NULL
AUTO_INCREMENT,
AUTO_INCREMENT=11;
COMMIT;
```

Output:

1. Blank ID Card Form



2. After filling details in the form



ID Card Form

Solapur Education Society's
S.E.S Polytechnic,Solapur

Name
Suvarnalaxmi
Lambture

Branch
CM

Date of Birth
25-03-2003

Roll No
3502

Enrollment No
1900950046

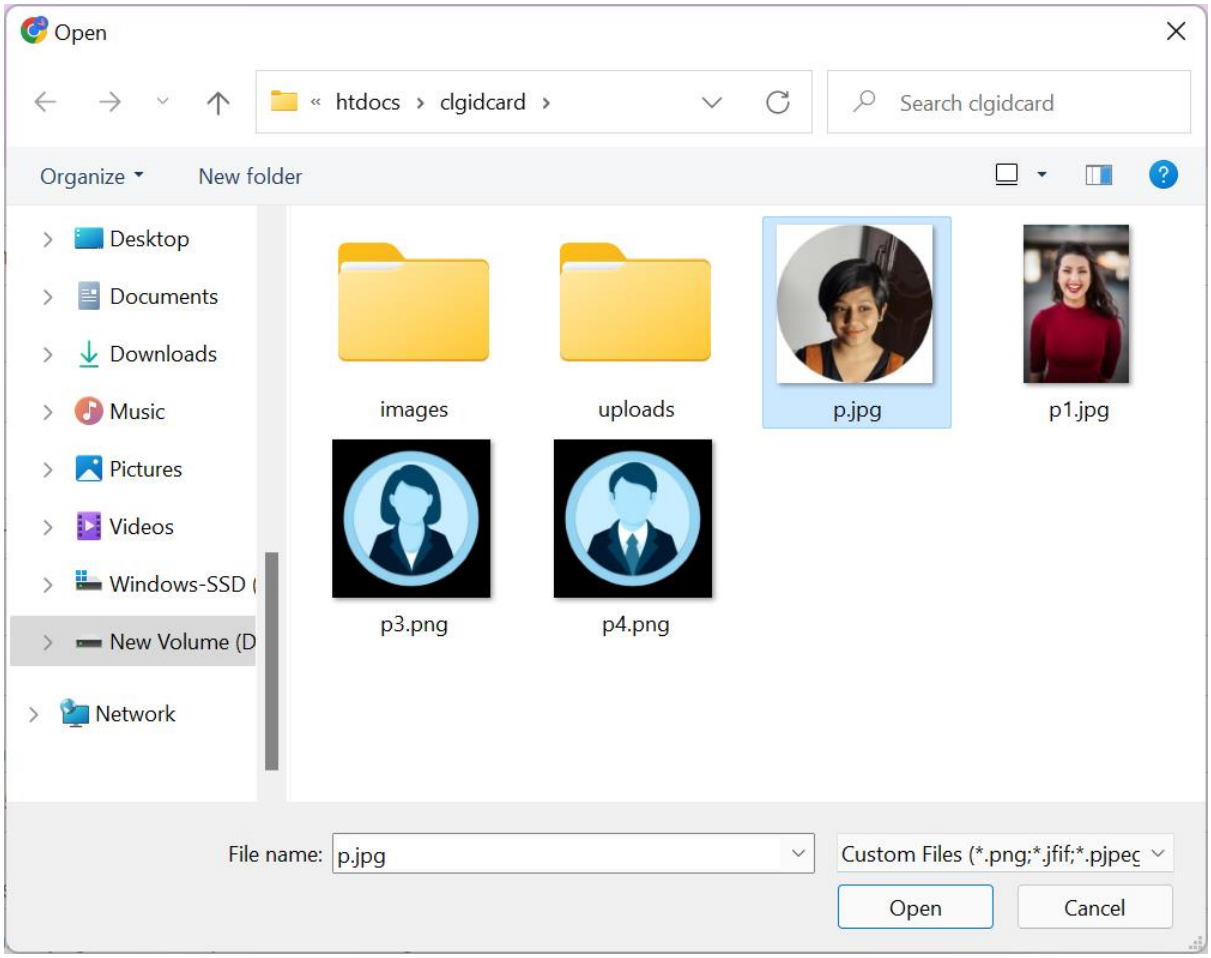
Address
147,shree yogeshwar krupa,chandralok nagar
jule solapur,near twinkle english medium school
solapur
Maharashtra
413004

Mobile
9359678698

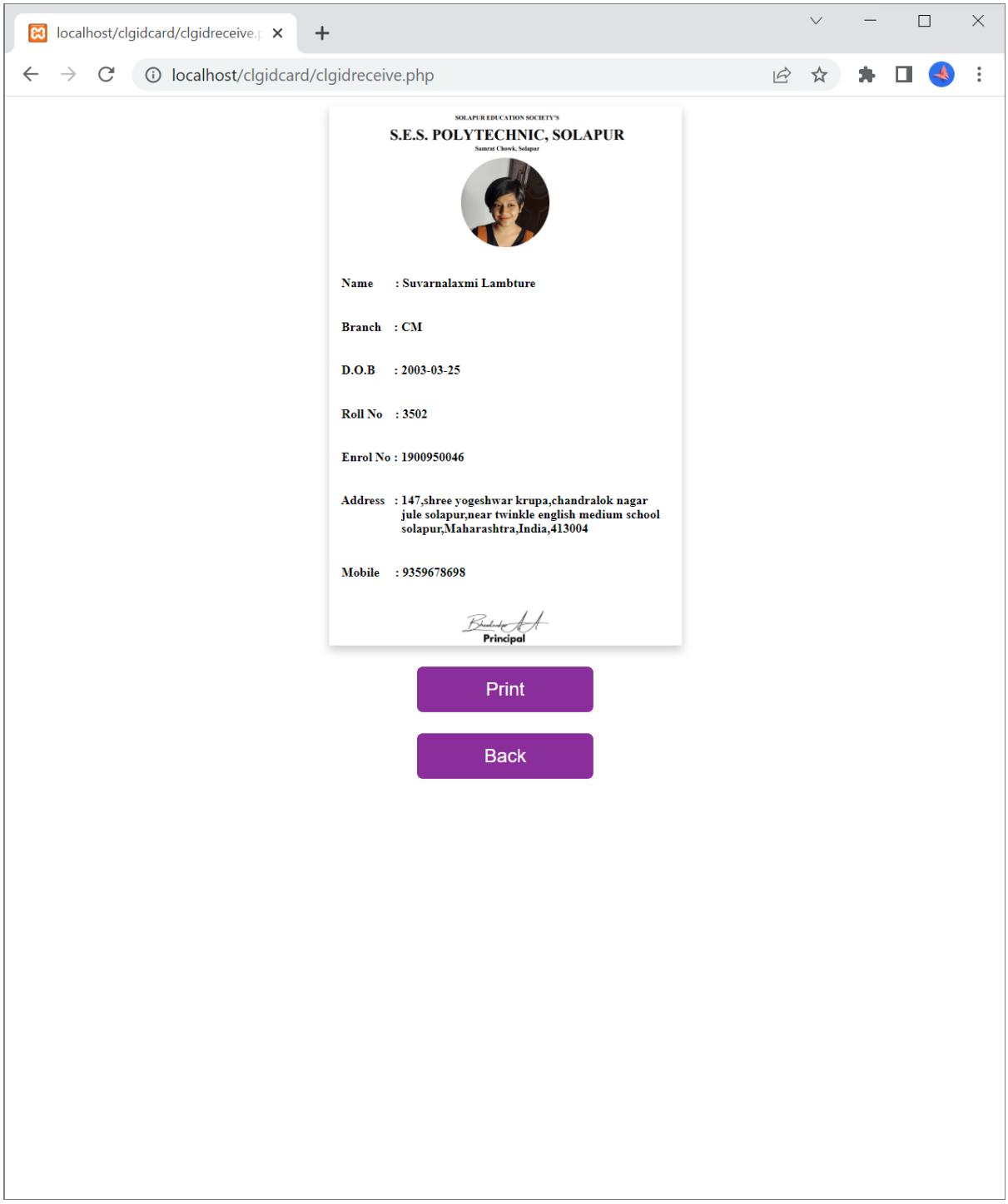
Upload your photo
Choose File p.jpg

Send Application

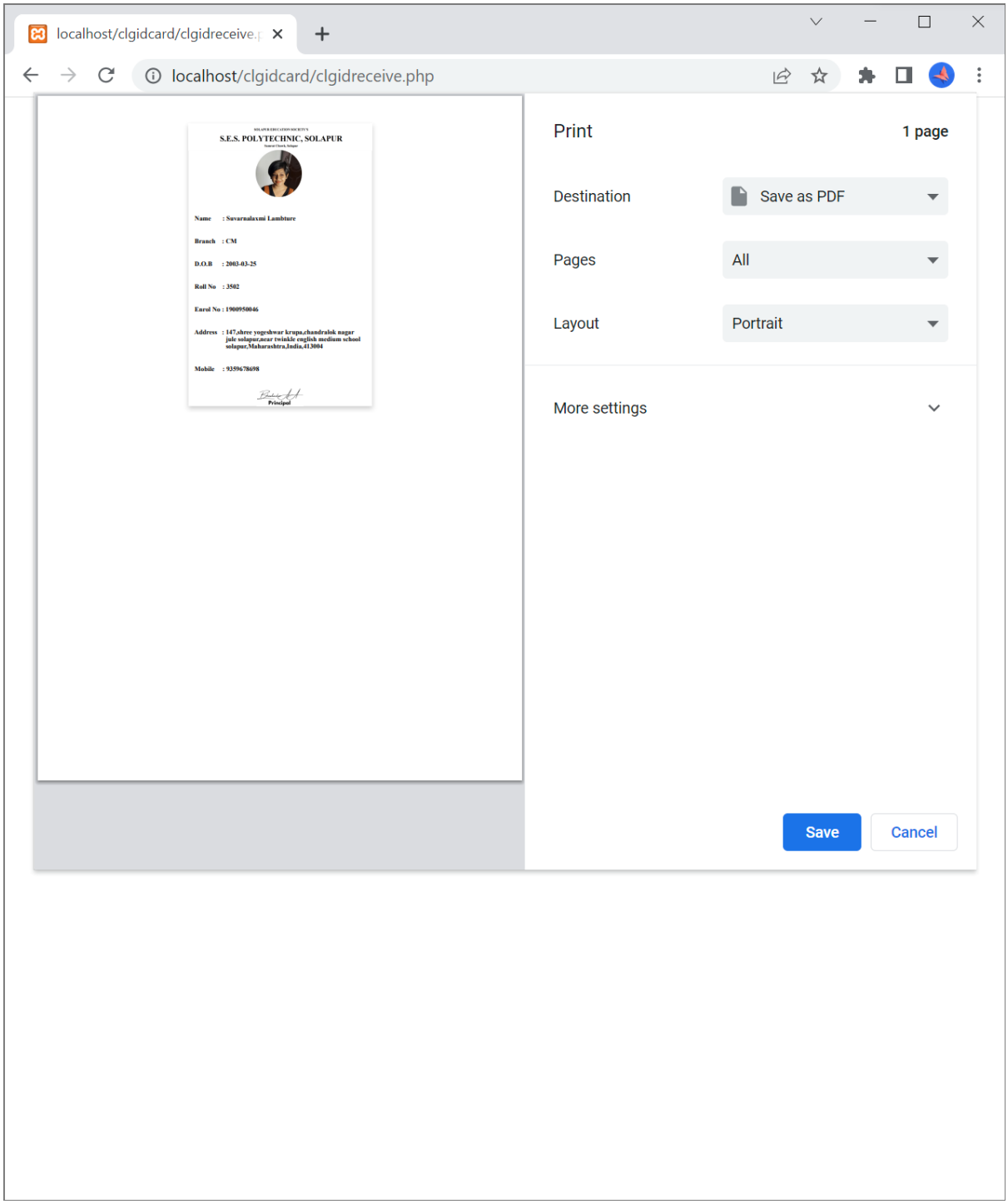
3. Choosing the photo from folder.



4. Generated ID card with print button to save in pdf format or directly print if a printer is attached.



5. PDF View of ID card



Skill Developed / Learning outcomes:

The following skills were developed while developing this micro-project

1. Ability to develop web-based Applications using server-side scripting language-PHP.
2. Understood the working of Database at the back-end of websites.
3. Subtle Application development.
4. Research Analysis and Information Gathering.
5. Problem solving Approach.
6. Time management.
7. Technical Writing.
8. Project Documentation.