MVSR TECHLOOPS

A project report submitted in partial fulfillment of the Academic requirements for the award of the Degree of

BACHELOR OF ENGINEERING IN INFORMATION TECHNOLOGY

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(Month & Year)

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DEPARTMENT OF INFORMATION TECHNOLOGY MVSR ENGINEERING COLLEGE

(Affiliated to Osmania University, Hyderabad. Recognized by AICTE)
Nadergul, Saroornagar Mandal, Hyderabad-501510
2017-2018

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We express, from the bottom of my heart, my deepest gratitude to my parents and family for the support, dedication, comprehension and love.

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DEPARTMENT OF INFORMATION TECHNOLOGY

Certificate

Certified that this a bonafide Mini Project work car	rried out by		
Mr./Ms.	Bearing H.T. No		
in the course Mini Project PCIT prescribed	for B.E(2 /4) Sem:3	by Osmania	
University, in the department during the academic	year 20 17- 20 18		
Faculty in-Charge		Guide Signature	

ABSTRACT

The premise of our idea, was to create an accessible website, that gives information about MVSR. We used HTML and CSS to create this. Our website provides for the meticulous details that are not known to most students in our college. It also annihilates any vague links that may lead to confusion or frustration. It consists of a homepage and various other HTML pages that contain the contents related to the information regarding this particular institution. The style and structure of the website was done in way to optimize accessibility and mobility. Our best intentions were placed to maximize the satisfaction of the user's experience.

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<u>Introduction</u>

The world of today is cluttered with so much information, there is no go-to single place for information regarding a specific thing. There are so many sources for a single search and so many answers to a single question, in today's internet run world. So how can we filter the necessary from the waste? How can we create an internet that replicates the design of a good book? Well, it all depends on us. We are responsible for creating reliable and easy to use websites for the rest of our friends out there in the world.

Well, here in MVSR, our team of three, is doing our best to do our part, and making a reliable website for the population. We designed and optimized a website to result in the most efficient way to access information about our college.

Proposed

The website dictates the usage of information through proper propagation of easy accessibility of the GUI. We've felt the need to reproduce a site that doesn't result in frustration due to the cluttering of information in a single page. Just like any project there are advantages and disadvantages to anything, for our website the following are some of the pro's and con's we've identified, for our betterment, of course.

Advantages:

- ~ Information about college can be found
- ~ Website is very discreet
- ~ Optimizes accessibility
- ~ Display is very easy to understand
- ~ User friendly GUI

~ Website is very mobile
~ Content is very apt and to the point
~ Contains healthy graphics
Disadvantages:
~The website is not very interactive
~ It is very static and lacks dynamic perspective
~ There is no room for more specified information
~ The style of the pages can be enhanced for further comfort
~ Data storing is not encapsulated

Applications

This website is used to obtain information that is accurate and to the point regarding every last detail about our college.

When students have a question about certain facts pertaining to MVSR, they can use our website as a source of information and find the answer.

Software Requirements

• HTML

• CSS

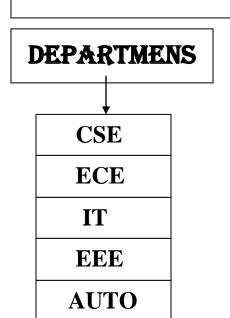
Javascript

DESIGN SUB PAGE DESIGN:

HOME	DEPARTMENT NAME
TIMETABLE	
SYLLABUS	

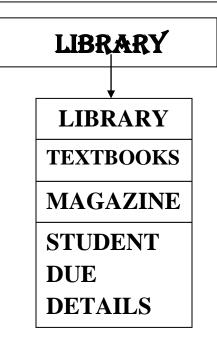
TITLE PAGE DESIGN:

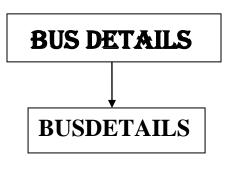
MVSR TECHLOOPS



MECH

CIVIL





IMPLEMENTATION

SOURCE CODE:

```
<div class="header">
                     <h1><sup>MVSR</sup>Tech Loops </h1>
                     </div>
```

The above code is for displaying the Title of our project "MVSR TECHLOOPS" .we have made the word "MVSR" as a superscript to "TECHLOOPS" by adding an attribute .

```
Source code:
<div
class="dropdown">
                      <button class="dropbtn">Departments</button>
                      <div class="dropdown-content">
                      <a href="zzz.html">CSE</a>
                      <a href="ece.html">ECE</a>
                      <a href="it.html">IT</a>
                      <a href="eee.html">EEE</a>
                      <a href="auto.html">AUTOMOBILE</a>
                      <a href="mech.html">MECHANICAL</a>
                      <a href="civil.html">CIVIL</a>
```

</div>

This is the code written for the dropdowns. Here the navigation bar displays the drop buttons viz. Departments, Library, Bus details. We have made it by using the code

"<button class="dropbtn">*name of the drop button*</button>".

Placing cursor on the drop button displays the drop down content. This is done by mouse hover.

```
.dropdown-content
a:hover {background-
color: }
```

.dropdown:hover .dropdown-content {
display: block;

The dropdown content will display the contents of the drop button. Clicking on each content will direct the current page to the corresponding page. This is done using the "hyperlink".

In Departments, we have written the same code for the designing. The difference is only in the linking of pages. We have provided a side-navigation bar, which includes "Home, Syllabus, Timetable". This is done by using the code:

```
<div
class="sidenav">

<a href="techloops(5).html">home</a>
</br>
</br>
<a href="csesyllabus.html">syllabus</a>
</br>
<a href="cset.pdf">time table</a>
</br>
</br>
```

</div>

The images were included in the page using the code:

<h1>Computer Science & Engineering</h1>

<center><img class="slide" img src="cse.jpg"
style="width:500px;height:400px;"></center>

Similarly the pages regarding different branches were done. In the library section, we have made a dropdown, which displays the contents such as library, Text books and Magazines, Student due details.

```
div class="dropdown">

<br/>
<
```

The library, textbooks and magazines sections were made normally. But the student due details page is directed to the Login page, which was done using Java script.

```
<script
        function f1() {
        var un = document.loginform.uid.value;
        var pw = document.loginform.pwd.value;
        if ((un == "ABC") \&\& (pw == "DEF")) {
        window.open("zzz.html");
        }
        else {
        alert ("Login was unsuccessful, please check your username and password");
        }
        }
        </script>
```

Here we are using a function "f1()", in which we are verifying the user-id and password values and comparing with the fixed values viz., ABC and DEF. If the values are matched then we have linked the login"

```
<input type="button" value="login" onclick="f1()</pre>
```

The bus details is linked to busdetails

TESTING

	I	T	T	
S.NO.	DESCRIPTION	EXPECTED RESULT	ACTUAL RESULT	STATUS
1.	Button CSE clicking	Directed to page zzz.html	Directed to page zzz.html	YES
2.	Button Home clicking	Directed to techloops(5).html	Directed to zzz.html	NO
3.	Button Home clicking	Directed to techloops(5).html	Directed to techloops(5).html	YES
4.	Button Syllabus Clicking	Directed to itsyl.html	Directed to itsyl.html	YES
5.	Clicking on LIBRARY Button in Library Section	Directed to library(2)1.html	Displaying a page "YOUR PAGE WAS NOT FOUND"	NO
6.	Clicking on LIBRARY button in Library section	Directed to library(2)1.html	Directed to library(2)1.html	YES
7.	Clicking on "Student due details" button in Library section	Directed to loginform.html	Directed to loginform.html	YES
8.	Entering a wrong USER-ID and PASSWORD in login form	Should display an alert box giving a message that" Login was unsuccessful, please check userid and password"	That alert box was displayed	YES
9.	Entering correct password and user-id	Directed to page"zzz.html"	Displaying a page "YOUR PAGE WAS NOT FOUND"	NO
10.	Entering correct password and user-id	Directed to page"zzz.html"	Directed to page"zzz.html"	YES
11.	BUSDETAILS button clicking	Directed to page "bus.html"	Directed to page "bus.html"	YES

Conclusion

The essence of this project was to determine a much more accurate and optimized way to access information. We understand that maybe not all our expectations were reached, but the effort will not be deterred. We will continue with our endeavors throughout the next semester to create a reality of a vision, which will be our salvation. Thank you.

References

- https://www.google.co.in/?hl=en&gws-rd=ssl
- https://www.w3schools.com/
- http://www.w3.org/
- https://www.youtube.com/
- "Beginning Web Programming with HTML, XHTML, and CSS"
 - Book by Jon Duckett

Future Scope of Work

After this semester's presentation of our prototype website, we plan on learning Backend structuring, to provide for more of a dynamic GUI. This will hopefully be completed by next semester. We will use Database to create a server for library entries. We will also provide for new additions to our website like Clubs of MVSR. We also plan to create a better looking user interface. Our main focus will be on creating a proper record of library related details.

APPENDICES

HOME PAGE:

```
<html>
         <head>
         <style>
         #container ul li{
         display:inline;
         }
         div{
         font-size:24px;
         word-spacing:2cm;
         .header {
         background-color:#000000;
        height:100px;
         padding:20px 0;
         body{
         background-color:white;
         font-family:"Italic";
         }
         .dropbtn{
         background-color:black;
         color:white;
        padding:16px;
         font-size:16px;
         border:none;
         cursor:pointer;
         }.dropdown {
         position: relative;
         display: inline-block;
         .dropdown-content {
         display: none;
```

```
position: absolute;
         background-color: #f9f9f9;
         min-width: 160px;
         box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
         z-index: 1;
         .dropdown-content a {
         color: black;
         padding: 12px 16px;
         text-decoration: none;
         display: block;
         .dropdown-content a:hover {background-color:#483D8B}
         .dropdown:hover .dropdown-content {
         display: block;
         .dropdown:hover .dropbtn {
         background-color:black;
         }
        h1 {
         color:white;
         h1{
         font-size:45px;
         text-align:center;
        margin:20px 0 25px 0;
         }
.nav {
     background-color:black;
     color:orange;
     text-decoration:none;
     text-align:center;
     height:60px;
```

```
}
</style>
<title>TechLoops</title>
</head>
<body>
<div class="header">
<h1><sup>MVSR</sup>TechLoops</h1>
</div>
<div id="container">
<div class="dropdown">
<button class="dropbtn">Departments/button>
<div class="dropdown-content">
<a href="zzz.html">CSE</a>
<a href="ece.html">ECE</a>
<a href="it.html">IT</a>
<a href="<u>eee.html</u>">EEE</a>
<a href="auto.html">AUTOMOBILE</a>
<a href="mech.html">MECHANICAL</a>
<a href="civil.html">CIVIL</a>
</div>
```

```
</div>
<div class="dropdown">
<button class="dropbtn">Library</button>
<div class="dropdown-content">
<a href="text.html">Library</a>
<a href="library.html">Text Books</a>
<a href="journals.html">Magazines</a>
<a href="loginform.html">student due details</a>
</div>
</div>
<div class="dropdown">
<button class="dropbtn">Bus Details</button>
<div class="dropdown-content">
<a href="bus.html">bus details</a>
</div>
</div>
```

</div>

<center></center>

 founded in 1980 by a group of visionaries and philanthropists such as Arshadharmasri Late Sri Maturi Venkata Subba Rao as Founder Secretary, Maturi Gopala Rao, the architect of Nagarjunasagar Dam as Founder Chairman, besides industrialists, doctors, businessmen, administrators and advocates. The society established Maturi Venkata Subba Rao Engineering College or MVSR Engineering College, affiliated with Osmania University, in 1981 which is now located in a campus at Nadergul, RR Dist., Telangana. The college was accredited by AICTE and approved by NBA. MVSR Engineering College was founded in 1981 with three disciplines. The student strength at present is over 2,300. There are 160 faculty and 180 supporting staff. The college celebrated its Silver Jubilee in February 2007. It is approved by the All India Council for Technical Education and affiliated to the Osmania University. MVSR is ranked among the top 20 private engineering colleges in India by EFY research. </br> Facilities</h2></u> Ii>The campus has six main academic blocks, library, canteen, games room, two stationary shops, bank, parks for recreation and two workshop buildings. size of a football field. Sasketball court, a tennis court and a games room. Canteen. Career guidance and placement cell, to assist the students during campus recruitments. <h2><u>Placements</u></h2> The on-campus recruiting program at MVSR enables students to interview for permanent employment. Some of the companies visiting the campus are - Cognizant, Infosys, Wipro, Deloitte, MAQ, Accenture, Capgemini, Intergraph, Hitachi Consultin, Computer Science Corporation etc. <h2><u>ExtraCurricular</h2></u> MVSR Campus Connect Also known as MCC, MVSR Campus Connect is a non-profit organization, an initiative of the students of MVSR Engineering College, Hyderabad. It conducts technical fests like Samavartan, and other fests like Freedom Fest (on 15 August), We The People, Founder's Day, cultural fest like Sangamam etc. and also Sends important Messages related to college activities, etc. to Students via SMS Technical Fest conducted by the college. college."AUTOCOGNIZANCE", a bi annual technical fest organised by mechanical engineering department <h2><u>Hostel Facilities</h2> </u> MVSR Engineering College does not have a hostel of its own. However a private boys' hostel Sri sai Sadan Boys Hostel run by the management member (Sri. M.V. Vasudeva Rao. Jt. Secretary) is a five-minute walk from the college. This hostel is for the boys of the college.

</body>

SAMPLE DEPARTMENT PAGE:

```
body {
font-family: "Lato", sans-serif;
}
.sidenav {
height: 100%;
width: 200px;
position: fixed;
z-index: 1;
top: 0;
left: 0;
background-color: pink;
overflow-x: hidden;
padding-top: 80px;
}
.sidenav a {
padding: 6px 6px 6px 32px;
text-decoration: none;
font-size: 25px;
color: #818181;
display: block;
}
.sidenav a:hover {
```

```
color: black;
}
.main {
margin-left: 200px; /* Same as the width of the sidenav */
}
@media screen and (max-height: 450px) {
.sidenav {padding-top: 15px;}
.sidenav a {font-size: 18px;}
}
h1{
font-family:italic;
text-align:center;
}
</style>
</head>
<body>
<div class="sidenav">
<a href="techloops(5).html">home</a>
</br>
<a href="csesyllabus.html">syllabus</a>
</br>
<a href="cset.pdf">time table</a>
```

```
</br>
             </div>
             <div class="main">
             <h1>Computer Science & Engineering</h1>
             <center><img class="slide" img src="cse.jpg"</pre>
             style="width:500px;height:400px;"></center>
<h3>B.E/B.Tech->
CSE->Intake:180->Fee:
95000</h3>
                           <center><h2>H.O.D(Head Of the Department)</h2>
                           <img src="csehod.jpg" style="width:304px;height:228px"/>
                           Name : Dr Akhil Khare
                           Designation:Professor & HOD
                           Academic Qualifications: B.E, M.Tech, Ph.D
                           Email: hod_cse@mvsrec.edu.in & khare_cse@mvsrec.edu.in
                           Area of interest: Artificial Intelligence, Cloud Computing
                           Subjects taught at U.G Level: Artificial Intelligence, Object Oriented and
                           Multicore Programming, Operating System Design, Compiler Construction,
                           Distributed Operating System, Computer Network, Network Security,
                           Theory of computation
                           Subjects taught at P.G Level: Cloud Computing, Distributed System,
                           Software Testing, Project Planning and Designing, Operating system
                           design, Research Methodology
                           Number of Research Papers/Journals/Books published: 97
                           Workshops/Conference/FDP/Seminar conducted& Attended: 40
```

Patents: 03

copyrights: 09.

She bagged the best teacher award instituted by the MECT Two times..

times.

She bagged the best teacher award instituted by the MECT Two times.

<h3>Computer Science and Engineering Department was started in the year 1985 with a current intake is 180. The department is supported by well qualified, dedicated and experienced staff.</br>

<h3>Apart from the regular academic work, the department organizes guest lectures inviting expert speakers from industry and other reputed academic institutions.</br></h3> <h2>VISION</h2></br> <h3>To impart technical education of the highest standards, producing competent and confident engineers with an ability to use computer science knowledge to solve societal.</h3> </br> <h2>MISSION</h2></br> <h3>To make learning process exciting, stimulating and interesting.To impart adequate fundamental knowledge and soft skills to students.To expose students to advanced computer technologies in order to excel in engineering practices by bringing out the creativity in students. software.</h3></br></h2>PROGRAM EDUCATION OBJECTIVES (PEOs)</h2></br><h3>The Program Educational Objectives of under graduate program in Computer Science & Engineering are to prepare graduates who will:</h3></br></br><h3>Have strong fundamental concepts, technical competency and problem solving skills to generate innovative solutions to engineering problems. Continuously enhance their skills through training, independent inquiry, professional practices and pursue higher education or research by adapting to rapidly changing technologies.</h3> <h3>Advance in their professional careers including increased technical, multidisciplinary approach and managerial responsibility as well as attainment of leadership positions thus making them competent professionals at global level. lifelong learning.</h3></br> <h2>(A) PROGRAM OUTCOMES(POs)</h2></br> <h3>Engineering Graduates will be able to:</h3></br> <h3>Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.</h3></br></s>Problem analysis: Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.</h3></br><h3> Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.</h3></br><h3>Conduct investigations of complex problems: Use researchbased knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.</h3></h3></h3>Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.</h3></br> contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent

responsibilities relevant to the professional engineering practice.</h3></h3></h3> Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.</h3></br> <h3> Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.</h3></br> and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.</h3></br> complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.</h3></br></h3> Project management and finance: Demonstrate knowledge and understanding of the engineering and management principle and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.</h3></br><h3>< Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.</h3></br> </br> (PSOs)</h2></br> <h3>System development: an ability to analyze a problem, design the algorithm and optimally code its solution.</h3></br> identify & define computing requirements to test, implement and maintain a software product. </h3> </br> </div> </body>

LOGIN FORM(STUDENT DUE DETAILS):

</html>

```
<!DOCTYPE html>
<html>
<head>
<script>
function f1() {

var un = document.loginform.uid.value;
var pw = document.loginform.pwd.value;
if ((un =="ABC") && (pw =="DEF")) {

window.open("zzz.html");
}
else {
alert ("Login was unsuccessful, please check your username and password");
}
```

```
}
</script>
<style>
form{
border:1px solid;
border-width:50%;
}
input[type=text],
input[type=password]{
width:20%;
padding:12px 18px;
margin:6px 0;
border:1px solid #ccc;
box-sizing:border-box;
}
button{
background-color:#4CAF50;
color:white;
padding:14px 20px;
margin:8px 0;
border:none;
cursor:pointer;
width:20%;
}
button:hover{
opacity:0.8;
.cancelbtn{
width:auto;
padding:10px 18px;
background-color:#f44336;
.container{
padding:16px;
text-align:center;
background-color:#f1f1f1;
span.psw{
```

```
float:right;
padding-top:16px;
@media screen and (max-width:100px)
span.psw{
display:block;
float:none;
.cancelbtn{
width:100%;
}
h2{
text-align:center;
</style>
<body>
<h2>login form</h2>
<form name="loginform" action="zzz.html">
<div class="container"
<label>Username
</label>
<input type="text"
placeholder="Enter Username"
name="uid" required>
</div>
<div class="container"
<label><b>Password</b>
</label>
<input type="password"
placeholder="Enter Password"
name="pwd" required>
</div>
<div class="container"
style="color:green">
<input type="button" value="login" onclick="f1()"></br> </div> <span class="pwd">Forgot<a
href="#">password?</a></span> </div> </form> </body> </html>
```





