Java Mini Project

PROJECT REPORT

Topic: Design Html Home Page For your mini project.

Mini-Project: Student Management System.

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PREFACE

This project **“Student Information Management System”** provides us a simple interface for maintainance of student information.It can be used by educational institutes or colleges to maintain the records of students easily. Achieving this objective is difficult using a manual system as the information is scattered, can be redundant and collecting relevant information may be very time consuming. All these problems are solved using this project.

Throughout the project the focus has been on presenting information in an easy and intelligible manner. The project is very useful for those who want to know about Student Information Management Systems and want to develop softwares/websites based on the same concept.

ACKNOWLEDGEMENT

We take this opportunity to express our sincere gratitude to all those who helped us in various capacities in undertaking this project and devising the report.

We are privileged to express our sense of gratitude to our respected teacher

We are also grateful to the Head of Department, Information Technology, for the brainwave and encouragement given.

We take this opportunity also to thank our friends and contemporaries for their co-operation and compliance.

SYNOPSIS

Abstract

Student Information Management System can be used by education institutes to maintain the records of students easily. Achieving this objective is difficult using a manual system as the information is scattered, can be redundant and collecting relevant information may be very time consuming. All these problems are solved using this project.

Name of the Project: Student Information Management System

Objectives:

- Maintenance of student records

Users Views:

- TEACHER
- STUDENT

Platform

Operating Systems: Microsoft Windows

Technologies Used:

- HTML
- Web designing language: CSS
- Software Requirements:
  - Microsoft Windows or Linux

Hardware Requirements:

- Intel Pentium IV processor or equivalent or higher

- 512 MB Ram or Higher
- 20 GB HDD or Higher
- Network Connectivity

INTRODUCTION

The objective of **Student information System** is to allow the administrator of any organization to edit and find out the personal details of a student and allows the student to keep up to date his profile .It'll also facilitate keeping all the records of students, such as their name, mailing address, phone number, DOB etc. So all the information about an student will be available in a few seconds.

Overall, it'll make Student Information Management an easier job for the administrator and the student of any organization.

The main purpose of this SRS document is to illustrate the requirements of the project **Student information System** and is intended to help any organization to maintain and manage its student's personal data.

Purpose of project is to maintain details of the students such as storing information about:

- Student name
- Student DOB

- Student mailing address
-
- Gender

- Registration date

- Student status

- Contact no

- Qualification etc.

Technologies :

- HTML
- CSS

OVERALL DESCRIPTION

Perspective :

—

The website **Student Information System** is aimed towards recording a considerable number of student records and needs online assistance for managing records of students. Website should be user-friendly, ‘quick to learn’ and reliable website for the above purpose.

Functions :

There are two different users who will be using this product:

- Students who can view their details as well as they can edit their details.

The features that are available to Teacher are:

teacher can into the system and perform any of the available operations.

- Can make search for a specific student.
- Can access all the details of the student.

The features that are available to the student are:

- Student can login into the system and can perform any of the available options.
- Can view his/her personal details.
- Can edit his/her personal details
- .

Users: There are mainly two kinds of users for the product. The users include:

- teacheStudent

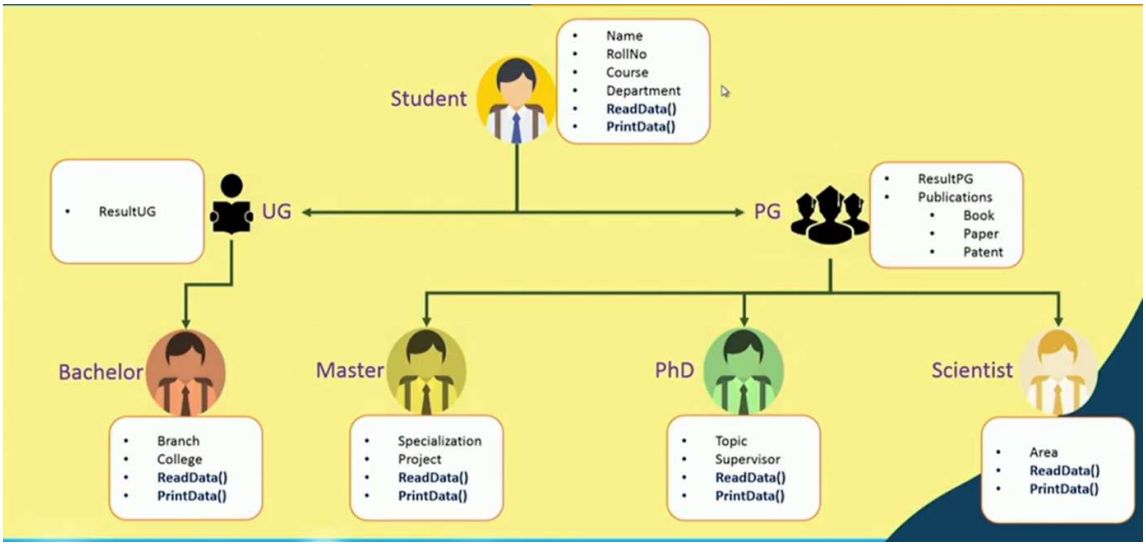
Operating Environment :

The product can run on any browser.

Constraints :

- Every user must be comfortable using computer.
- All operations are in English so user must have basic knowledge of English.

USE CASE MODEL :



TECHNOLOGY OVERVIEW

The technology selected for implementing Student Information Management System is HTML and CSS.

HTML

- **Hypertext** refers to the way in which Web pages (HTML documents) are linked together. Thus, the link available on a webpage is called Hypertext.
- As its name suggests, HTML is a **Markup Language** which means you use HTML to simply "mark-up" a text document with tags that tell a Web browser how to structure it to display.

Originally, HTML was developed with the intent of defining the structure of documents like headings, paragraphs, lists, and so forth to facilitate the sharing of scientific information between researchers.

Now, HTML is being widely used to format web pages with the help of different tags available in HTML language.

CSS

Cascading **S**tyle **S**heets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable.

CSS handles the look and feel part of a web page. Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colors are used, layout designs,variations in display for different devices and screen sizes as well as a variety of other effects.

CSS is easy to learn and understand but it provides powerful control over the presentation of an HTML document. Most commonly, CSS is combined with the markup languages HTML or XHTML.

PROJECT DESCRIPTION

Student Information Management System can be used by education institutes to maintain the records of students easily. Achieving this objective is difficult using a manual system as the information is scattered, can be redundant and collecting relevant information may be very time consuming. All these problems are solved using this project

Source Code

HTML CODE:

```
<!DOCTYPE html>
<html>
<head>
<title>Student System</title>
<link rel="stylesheet" type"text/css" href="Style.css">
</head>
<body>
        <header>
                <div class="main">
         <div class="logo">

         </div>
                        <ul>
            <li> <a href="#">UG</a></li>
```

```
                <li> <a href="#">PG</a></li>
                <li> <a href="#">Phd</a></li>
                <li> <a href="#">Scientist</a></li>
                <li> <a href="#">CONTACT</a></li>
            </ul>
                    </div>
        <div class="mid">
            <h1>Student Management System</h1>
            <p>    CHOOSE YOUR ROLE</p>
        </div>
        <div class="button">
          <a href="file:///C:/Users/pc/Desktop/html%20project/teacher.html">Teacher</a>
          <a href="file:///C:/Users/pc/Desktop/html%20project/Student.html">Student</a>
        </div>
          </header>
</body>
</html>
```

CSS CODE:

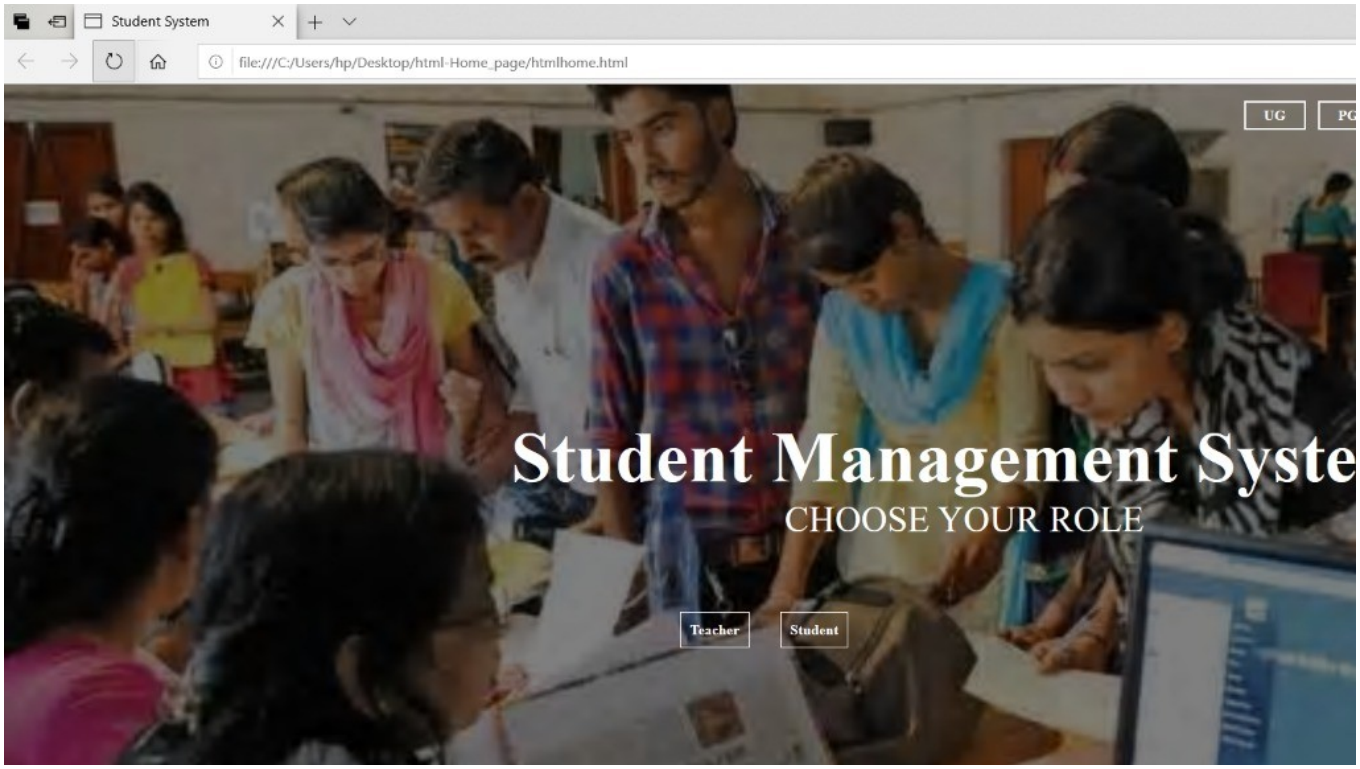
```
*
{
    margin: 0;
    padding:0;
}
header
{
```

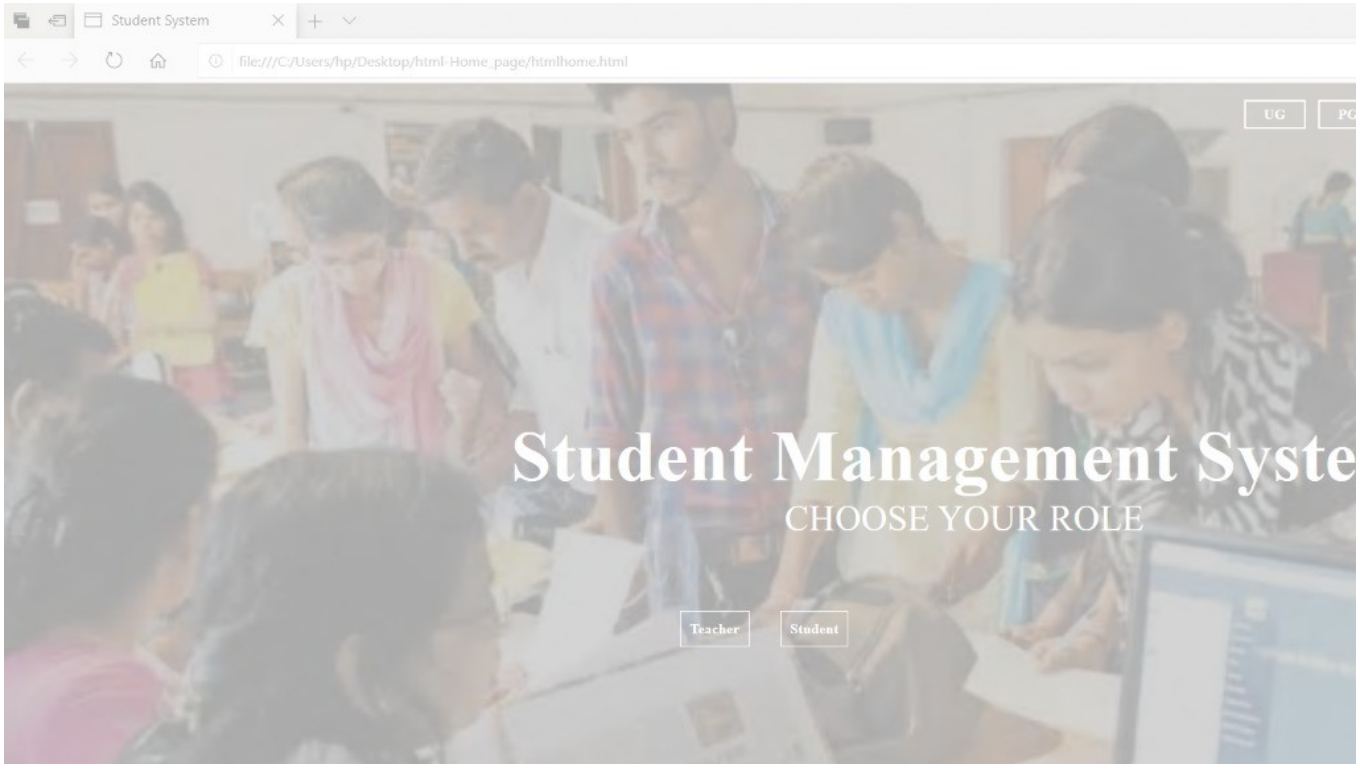
```
    background-image:linear-
gradient(rgba(0,0,0,0.5),rgba(0,0,0,0.5)),url(https://images.livemint.com/rf/Imag e-
621x414/LiveMint/Period2/2018/10/11/Photos/Processed/HRD-kDIG--
621x414@LiveMint.jpg);
      height: 100vh;
      background-size: cover;
      background-position: center;
}
ul
{
      list-style: none;
      float: right; margin-
      top: 25px;

}
ul li
{
      display:inline-block;
}
ul li a{
      text-decoration: none;
      color: white;
      padding:5px 20px;
      border: 2px solid; font-
      weight:bold;

}
ul li a:hover
```

```
{
    background-color: Red;
    color: black;
}
li
{

    padding-right:10px;
}

.main
{
    1200px;
    marig:auto;
}
.mid
{
    color:white;
    position: absolute;
    top:40%; left:30%;
    text-align: center;
    font-size:40px;
}
.button
{
    position: absolute;
```

```
        top:65%; left:40%;
}
.button a
{
        border:1px solid white; color: white;
        text-decoration: none; margin-right:
        30px; padding: 10px 10px; font-
        weight:bold;

}
.button a:hover
{
        background-color: Red; color: black;
}
```

SNAPSHOTS


Student System
file:///C:/Users/hp/Desktop/html-Home_page/htmlhome.html
UG
Student Management Syste
CHOOSE YOUR ROLE
Teacher
Student


Student System
file:///C:/Users/hp/Desktop/html-Home_page/htmlhome.html
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Student

SCOPE OF THE PROJECT

- The Student Information Management System(SIMS) can be enhanced to include some other functionality like marks,attendance management.
- Talent management of students based on their performance evaluation can be added.
- Social networking can also be added wherein students can interact with each other.
- Online class functionality can be added.
- Can evolve as an online institution.
- Functionality of chat and messages can be added.
- Online exam functionality can be added.

Bibliography

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