DIGITAL STUDY PLAN
CPSC-8945

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INTRODUCTION

• Digital Study Plan is an online application, built as a web enabled project in ASP.net programming language.

• This application provides information about courses to the students who are joining the institution, students who are already studying in the institution and also to transfer students.
AIM

1. The main aim of this project is to allow students to browse study plan anytime and anywhere reducing an abundant paper work.

2. This project also enlightens the student about the available/remaining courses and their respective description along with credit hour information.
EXISTING SYSTEM

1. The current system is totally based on the paper work which consumes lot of time.

2. The system is not secured as missing of any document/paper leads to missing of student course details.
PROPOSED SYSTEM

1. This is web based which eliminates use of paper and saves a lot of time

2. This project is secured compared to existing system as there are no usage of papers.
REQUIREMENTS

HARDWARE REQUIREMENTS:
1. RAM-----512 Mb
2. Hard disk---20Gb
3. Processor---p4

SOFTWARE REQUIREMENTS:
1. Front End--- HTML,XML, Javascript,CSS
3. IDE---- Microsoft visual studio 2012
4. Programming Language--- C#.net
SCREEN SHOTS

Home page: This is the landing page of this website

Welcome to Governors State University
The Digital Study Plan website
Click on the Home button: Home screen will be displayed
When user clicks on “About” the below screen will be displayed.
When user clicks on Courses button:

College of ARTS and Science
This provides various courses in the world of ARTS and Science

Computer Science,MS
This provides various courses pertaining to Computer Science
When user clicks on “Sign In” on the top right corner;
credentials and login
When the logged in user is Admin, the home screen will change like below.
Enter student ID and click on Display:
The course details of studentid=2 will be displayed as below.
When admin clicks on Edit hyperlink, selected row will change into editable format. Change the grade to “B”
Click on update:

<table>
<thead>
<tr>
<th>Program Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course ID</td>
</tr>
<tr>
<td>------------</td>
</tr>
<tr>
<td>CPSC-4265</td>
</tr>
<tr>
<td>CPSC-4265</td>
</tr>
<tr>
<td>CPSC-4335</td>
</tr>
<tr>
<td>CPSC-4335</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required Courses</th>
</tr>
</thead>
</table>


Click on create button to create a new student: Enter all the details and click on submit.
Student login
Student home screen
To view the student details

Personal Details:
Name: SOUJANYA CHITTABATHINI
Student Id: 2
Major: CS
Admission Year: 2015

Contact Details:
Cell Phone: 9197899020
Email: SOUI_CH@YAHOO.COM
GSU Email: SOUI_CH@YAHOO.COM

Academic Details:
Click on Prerequisite

<table>
<thead>
<tr>
<th>COURSE_ID</th>
<th>COURSE_NUM</th>
<th>COURSE_NAME</th>
<th>COURSE_TYPE</th>
<th>GSU_CREDIT</th>
<th>DESCRIPTION</th>
<th>TRANSFER_INST</th>
<th>TRANS_COURSEID</th>
<th>TRANS_COURSENAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPSC-3148</td>
<td>1</td>
<td>COMPUTER PROGRAMMING JAVA</td>
<td>PREREQ</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CPSC-3310</td>
<td>2</td>
<td>INTRO TO OBJECT ORIENTED PROGRAMMING</td>
<td>PREREQ</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CPSC-4190</td>
<td>3</td>
<td>INTRO TO SOFTWARE ENGINEERING</td>
<td>PREREQ</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Click on Core

### Programming

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credit</th>
<th>Course Name</th>
<th>Type</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPSC-8735</td>
<td>8</td>
<td>Advanced Operating System</td>
<td>CORE</td>
<td>3</td>
</tr>
<tr>
<td>CPSC-8845</td>
<td>9</td>
<td>Advanced Database Concepts</td>
<td>CORE</td>
<td>3</td>
</tr>
<tr>
<td>CPSC-8810</td>
<td>10</td>
<td>Formal Language and Automate</td>
<td>CORE</td>
<td>3</td>
</tr>
</tbody>
</table>

### Courses Completed

| STUDENT ID | COURSE_CODE | GRADE | TERM  | GSU CREDIT | OTHER INST | OTHERINST_COURSENO | TRANS_COURSENAME | OTHER GRADE | OTHER CREDIT |
|------------|-------------|-------|-------|------------|------------|--------------------|----------------|-------------|--------------|-------------|
| 1          | CPSC-4190   | A     | SPRING| 3          |            |                    |                 |             |              |             |
### Courses Needed

<table>
<thead>
<tr>
<th>COURSE_ID</th>
<th>COURSE_NUM</th>
<th>COURSE_NAME</th>
<th>COURSE_TYPE</th>
<th>GSU CREDIT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPSC-8000</td>
<td>14</td>
<td>DESIGN PATTERS</td>
<td>ELECTIVE</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CPSC-8001</td>
<td>15</td>
<td>MVC FUNDAMENTALS</td>
<td>ELECTIVE</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Courses Completed

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CONCLUSION

Primary objective of this project is to design and develop Digital Study Plan web portal for Governors State University. This system will enable the students to view their profiles and the corresponding courses at four categories i.e. Prerequisites, Required, Elective and Transferred. Two roles are created for this system like Admin and Student and the respective functionalities are implemented in Microsoft Visual Studio and SQL Server Database management. All the entities are identified based on the business logic and the respective tables are created and the database connectivity is done with the ASP.net and C#.net web pages. UI related elements like CSS and HTML are used from the website of Governors State University and rest of the functionalities are developed and deployed as mentioned in the previous sections. Admin has the entire access and control on the Digital Study Plan system and can add, edit and update both the course and student details. Thus, this system will enable a simple and quick course management for students of Governor State University.