

Student Course Selection System

Ms.S.Meena¹ & Dr.S.Vanithamani² & Akhila.R³ & Keerthana.N⁴

Assistant Professor, M.Kumarasamy College of Engineering¹
Head of the Department, M.Kumarasamy College of Engineering²
meenaselvarajmca@gmail.com¹,
svanithasubuz@gmail.com²
akhilarajavelu@gmail.com³
keerthanacnatarajan96@gmail.com⁴

Abstract

To develop a web application which facilitates a complete guidance for +2 completed students to choose their own career. The application is a prototype and has a sample data of colleges and courses. And it has some simple forms to input from the students and provides best available courses based on their marks and interests. It'll more helpful for students to know the best courses and colleges related to the interest of the students. Student should enter the name, percentage and field. Here the front end is HTML, CSS, Java Script and the back end is MySQL and PHP.

Keywords: HTML, CSS, JS, PHP and MYSQL.

1. INTRODUCTION

The main objective is to develop a web application which facilitates a complete guidance for +2 completed students. To choose their own career and the application is a prototype and has a sample data of colleges and courses. And it has some simple forms to input from the students and provides best available courses. It'll more helpful for students to know the best courses and colleges related to the interest of the students and availability of the seats. So that they can choose their best course.

2. PROPOSED SYSTEM

In the proposed system, students can choose their own career by identifying better courses and availability based on marks and interests of the students. They choose courses by their interesting fields. All available courses and colleges will be listed based on their marks.

Advantages

- Misunderstanding of courses is avoided. Students can understand their courses easily.
- All college lists and minimum mark requirements are shown. So the student can easily identify which is better for him.
- Student can view the details of the courses as summary or article.
- They can estimate all the availability of the courses before counselling.
- All students will choose their unique courses. Thus choosing of same course will be easily avoided.

2. MODULES DESCRIPTION

2.1. LOGIN PAGE

A new user has to register in the application with the details such as Students name, Mark, Area of Interest. Once registered, it will display the user name, courses and colleges. Log in the user account using the username and password which leads to the particular account. After log in into the particular account, it leads to the Home page.

2.2.HOME PAGE

Home screen is the second module of the application which is mainly used to choose either their course or colleges based on their higher secondary mark and it will list the college and course according to their mark .The user can select the options to move to the next module based on the user propose.

2.3.COURSE SELECTION

The student can choose their course based on their interest and field. If a student chooses the field "computer" our website will show them all available courses in the field of computers 11 like B.Sc. Computer Science,Bachelor of Computer Application, B.E Computer Science, B.Tech Information Technology, etc.

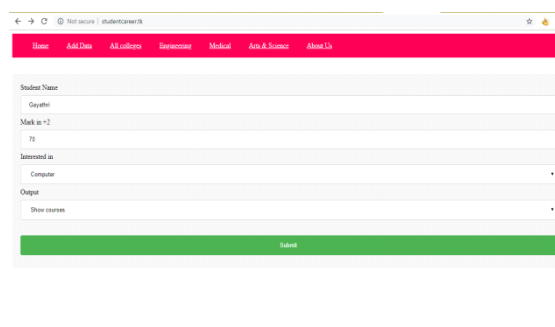
2.4.DEPARTMENT

In this module it will display the different types of department so that the student can choose their department easily and all students will choose their unique department.Thus choosing of same department will be easily avoided.

2. 5.COLLEGES

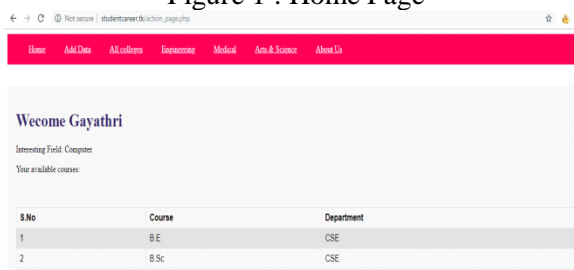
In this module it will display the list of colleges based on their mark and their interesting courses and it have different type of colleges like Arts and sciences, Engineering, Medical College etc...

4. SCREENSHOTS



The screenshot shows a web browser window with a red navigation bar containing links: Home, Add Data, All colleges, Engineering, Medical, Arts & Science, and About Us. Below the navigation bar is a registration form with the following fields: Student Name (text input with value 'Gayathri'), Mark in 12 (text input with value '78'), Interested in (dropdown menu with value 'Computer'), and Output (dropdown menu with value 'Show courses'). A green 'Submit' button is located at the bottom of the form.

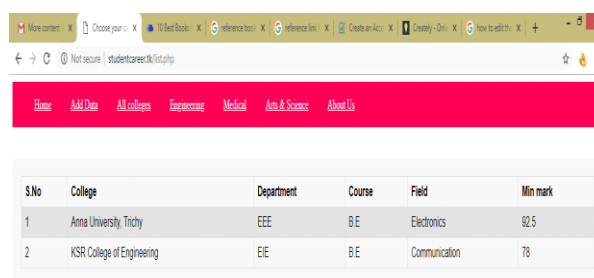
Figure 1 : Home Page



The screenshot shows a web browser window with a red navigation bar containing links: Home, Add Data, All colleges, Engineering, Medical, Arts & Science, and About Us. Below the navigation bar, the page displays 'Wecome Gayathri' and 'Interesting Field: Computer'. Under the heading 'Your available courses', there is a table with the following data:

S.No	Course	Department
1	B.E	CSE
2	B.Sc	CSE

Figure 2 : Students Login



S.No	College	Department	Course	Field	Min mark
1	Anna University, Tichy	EEE	B.E	Electronics	92.5
2	KSR College of Engineering	EIE	B.E	Communication	78

Figure 3 : Score Board

4. CONCLUSION AND FUTURE ENHANCEMENTS

Student course selection system offers web application for students to find their best courses and colleges in a region. The web application developed for students who are completed 12th standard

REFERENCES

- [1] Leventhal, L., Abrami, P., Perry, R., and Breen, L. (1975). Section selection in multi-section courses: implications for the validation and use of teacher rating forms. *Educational and Psychological Measurement* 35: 885–895.
- [2] Williams, Hugh E., and David Lane. “Web database applications with PHP and MySQL”. O’Reilly Media, Inc., 2004
- [3] Meloni, Julie C. “Sams teach yourself PHP, MySQL and Apache all in one”. Sams Publishing, 2012
- [4] Thomas, D., White-Cinis, J., Lea, C., & Buzzard, M. (2003). “PHP MySQL Website Programming: Problem-Design-Solution. Apress”
- [5] Glass, M. K., Le Scouarnec, Y., Naramore, E., Mailer, G., Stolz, J., & Gerner, J. (2004). “Beginning PHP, Apache, MySQL Web Development”. John Wiley & Sons.
- [6] Davis, Michele E., and Jon A. Phillips.” Learning PHP & MySQL: Step-by-Step Guide to Creating Database-Driven Web Sites”. O’Reilly Media, Inc., 2007
- [7] Steven Holzner, “PHP: The Complete Reference” Third Edition-2008. SS
- [8] IVAN Bayros, “HTML5 and CSS3 Made Simple” BPB Publications.
- [9] Robin Nixon, “Learning PHP, MySQL, JavaScript and CSS” 3rd Edition.
- [10] Chris Newman (2005) ‘SQLite’, 3rd Edition, Rand publications
- [11] <https://www.oreilly.com/library/view/high-performance-mysql/.../ch04.html>