

Smart Searching for Students Career Guidance

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Abstract- This study analyzed the factors that affect student success in analyze the school students available further studies for their suitable course. The system had the main objective, In this project the prediction of higher course for the school students and college students carried out. For that Prediction it uses Support Vector Machine algorithm and BFS algorithm are used. Through which one can predict the course to study to continue their higher study in future.

The system provides easier and more convenient access for many students who are unable to know higher educational conflicts. With the help of these technologies, higher education institutions can be displayed to the students who are eligible to join the particular courses depend upon their marks .Easy to check availability of courses and colleges.

Keywords- Breadth First Search ,Support Vector Machine ,course predict, Add college, Category .

I. INTRODUCTION

A system requires providing easier and more convenient access for many students who are unable to attend traditional classes. With the help of these technologies, higher education institutions can begin to offer a number of distance-education opportunities to meet the needs of increasingly high numbers of these nontraditional students. students who completed the school education are knowing in his study to had a bachelor's degree. Although More and emphasize the importance of educational background in predicting the success factor in higher education, education level or academic standing has not been shown much in the literature to predict student success in a higher-education environment.

The increasing advances of Internet Technologies in all application domains have changed life styles and interactions. With the rapid development of higher studies students have lots of confusion for choosing relevant courses is an important for teaching, learning methods and strategies. It is very difficult to analyze interaction between the students also student with to gain knowledge. However, more information is needed to fully understand the implications associated with student success in the selecting courses and to establish predictors of success accessible by students and instructors. Research with an inward focus, which identifies

and measures internal learner attributes, is of limited relevance unless balanced by external, reported data from experienced educators.

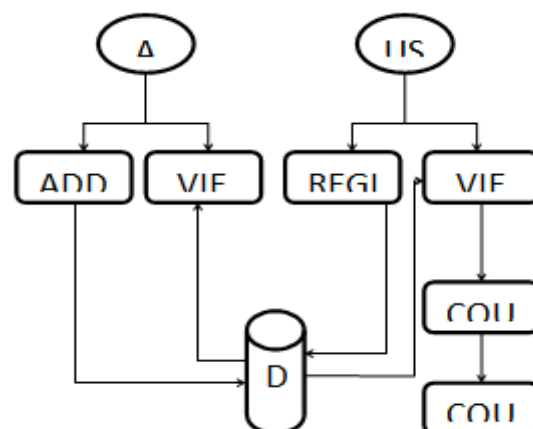
II. METHODOLOGIES

The system provide easier and more convenient access for many students who are unable to searching suitable courses. With the help of this service, higher education institutions can begin to offer more courses to the students who are belongs to school or college. By using BFS and SVM algorithms the best course for the students will be predicted. BFS is mainly used to search the best course suggested for the students which is based on their mark details. SVM is used to retrieve the information in a faster manner. Retention process will be handled by the admin of the system. For that prediction it uses Breadth First Search (BFS) and Support Vector Machine (SVM) algorithms are used to predict the course in a best manner. Thorough which students can able to continue their higher studies based on the best prediction of higher course.

Advantages

- ✓ Time to searching courses are reduced when utilize this time facility.
- ✓ Simultaneously learn about the latest educational trends and the course content.
- ✓ Students possessing basic learning competencies.

III. SYSTEM ARCHITECTURE



A. New Student Registration

In this module performs if administrator wants to register the student information’s in Portal application system. Student’s details are the name, department and student activity details of needed information. The given details receive the information’s and proceed the further activity for applications.

B. Student Details

This module enables admin to verify the students with the available details. If the details have been maintains the institute then the admin activate that student registration. This is important process in this system, because all the students fill the registration form and they mention their willingness to receive the information for course predictions. Based on their willingness, the details are sending by the server. The student details are retrieved by using support vector machine methodology. It provides the results in a faster manner.

C. Add College Details

In this module performs if administrator wants to add the college information’s in Portal application system such as college category for choosing students suggestions. College details are the name, type, address, district and available category details of needed information. The given details receive the information’s and precede the further activity for take the decision about the students.

D. Course Prediction

Admin get the information which they got in the previous studies. Which contains the overall mark obtained in the previous academic year. The evaluation will be in the background and it provides suggestion.

The student course details module defines the student study and course details, the details are maintained by the staff. Here contains the student name, department details, course details such as course name and course id etc. course assignment details for example c course assign to the particular student details.

IV. RESULTS

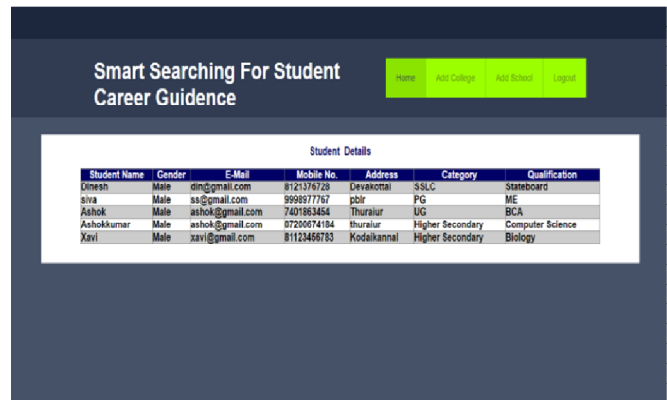


Fig 4.1 Admin page view in student details

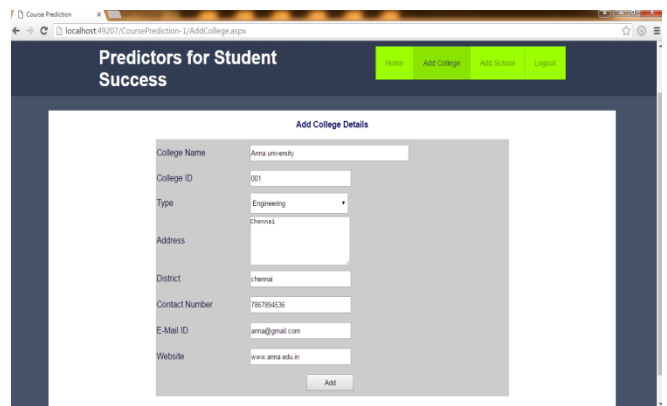


Fig 4.2 Admin add the college details.

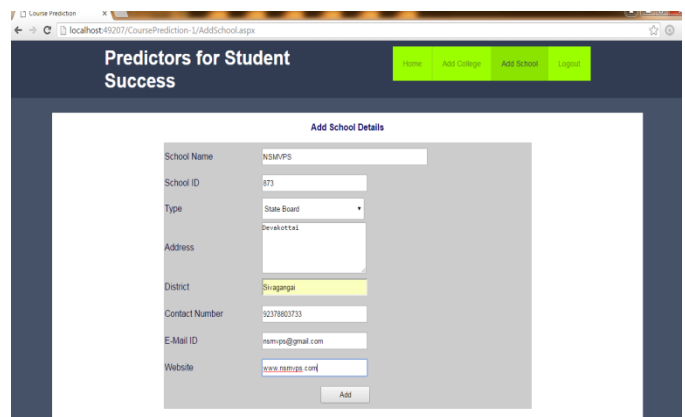


Fig 4.2 Admin add the school details.

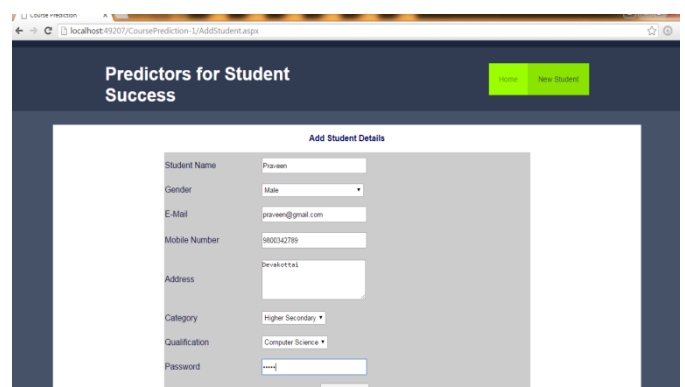


Fig 4.4 New student is register the form.

Fig 4.5 Course will be predict.

College Details							
Predicted Course Engineering							
College Name	College ID	Type	Address	District	Contact Number	E-Mail	
Alagappa University	2407	Engineering	Karaiyudi	Sivagangai	9847388283	alagappa@gmail.com	www.alagappa.edu.in
Dhanalakshmi Srinivasan Group of Institutions	3456	Engineering	Trichy, Perambalur	Trichy & Perambalur	7823947389	dsqi@gmail.com	www.dsqi.edu.in

Fig 4.6 View the available colleges in student.

V. CONCLUSION

The performance of students has been tried to pinpoint what particular course led to success in higher studies. Some of these variables were demographic features, while other variables were related to learning style and motivation. However, the type of information presented in the websites and subsequent student success has rarely been investigated. It can also be argued that knowledge can be broken down into quantitative and qualitative information. This searching seeks to examine whether the predictors of success for students in a quantitative course are different than those for suitable course. Students with higher semester GPAs were more likely to be successful in a quantitative course. Whereas, students with a higher level of education are more likely to achieve success in a college.

VI. FUTURE WORK

Future work is next include the available course to show the government and private schools or colleges in differentiate and also to link the websites. Additionally more over of india toppest colleges to be show.

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