EDUCATIONAL COMPASS

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ABSTRACT

"Educational compass" is a portal which makes people aware of all the courses and streams available in the emerging society. Also gives guidelines to the students to choose the right path by utilizing the information regarding education and the suitable career opportunities. Mostly, people without minimum knowledge are choosing the career based on the elders suggestions without any passion ,if they choose according to their interest they will work more which paves a way to achievement. This site shows the way to determine the goal and how to achieve it. By using this site the searching will be very easy. It does not require much time to search. It doesn't have any registrations for the user. Directly the user can interact with application, without any long processes. This application is user friendly. Easy to understand and easy to interact
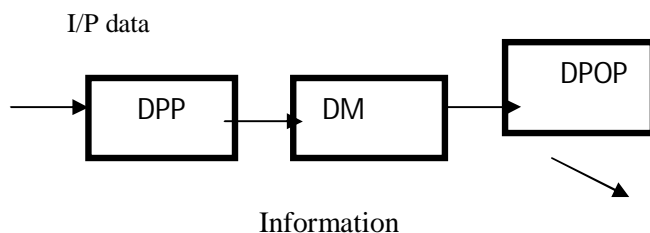
This website integrates all the information regarding education. So people can know about all the existing degrees and this will lead people to recognize their interested areas. If they work on their interested areas people will excel in whatever the path they are in. This helps people to enjoy their education and work, rather than working hard. Educational Compass as name itself suggests

it gives the directions to different paths. This site is also collaborated with the suggestions and tips and tricks to achieve their goals.

This site also helps regarding the jobs. As people should know about the jobs related to their selected area, Educational Compass is providing those details also. This site is collaborated with the educational details, job details and the suggestions or tips and tricks to achieve their goals. Educational Compass helps out in determining the goals and ways to be followed to achieve them.

INTRODUCTION

 "Educational compass" is our project developed using .net technology.NET:Microsoft's vision of the future of applications in the Internet age Increased robustness over classic Windows apps New programming platform and Built for the web..NET is a platform that runs on any O.SThe domain of our project is data mining. About   data mining:Data base: Collection of interrelated data and set   of programs to store the data is known as database.Database management system: It is a software and it having some application environment and retrieving the data from database.Data ware housing: collection of databases or heterogeneous database are stored into a large database.Data mining is a process automatically discovering the useful information in large data repository area.(or) Retrieving data from a large database.

I/P data

Information

Data mining is a knowledge discover from database. The data preprocessing includes Data cleaning: to remove the noise and inconsistent data.Data integration: where multiple data stores may be combined.Data selection: where the data relevant to the data mining analysis task retrieved from the data base.Data transformation: where data transformed and consolidated into appropriate for mining by performing aggregation operation.The data mining: data mining is a assumption where intelligent method are applied to extract data patterns.

The post processing includes

Pattern evaluation: to identify the truly interesting pattern representing the knowledge based on the interestingness   measures.Knowledge presentation: where visualization and knowledge representation techniques are to present mind knowledge to users.

Data mining involves the use of sophisticated data analysis tools to discover previously unknown, valid patterns and relationships in large data sets. These tools can include statistical models, mathematical algorithms, and machine learning methods.

DATA MINING USES:

Data mining is used for a variety of purposes in both the private and public sectors.Industries such as banking, insurance, medicine, and retailing commonly use data mining to reduce costs, enhance research, and increase sales. For example, the insurance and banking industries use data mining applications to detect fraud and assist in risk assessment (e.g., credit scoring).Using customer data collected over several years, companies can develop models that predict whether a customer is a good credit risk, or whether an accident claim may be fraudulent and should be investigated more closely.The medical community sometimes uses data mining to help predict the effectiveness of a procedure or medicine.Pharmaceutical firms use data mining of chemical compounds and genetic material to help guide research on new treatments for diseases.

RELATED WORK

The structure of our project consists of admin module, user module.The admin will login to the website and uploads the details regarding educational courses and as well as job details and logout.The users can directly interact with the application to search the information required for them.There exists one to one relationship between admin and application, There exists one to many relationship between application and the user.The structure of the project will based on the modules and their relation ships .
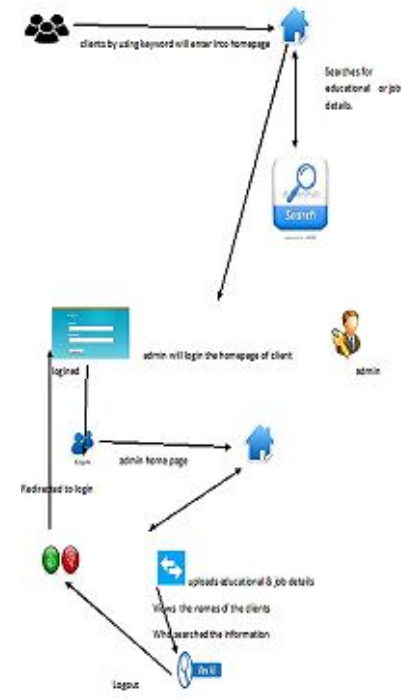
EXISTING SYSTEM

The existing system consists of the education information only but not in a detailed form. For ex the available websites are Study.com ,minglebox.com,carrer.webindia123.com, shiksha.com .These websites provides regarding particular educational information only. All other websites providing info but the user have to check deeply and vigorous searching should be done to sort out the solution for the users query. No collaborated system is there for that. Even some websites have long processes to register to search for the data. This takes long time.

PROPOSED SYSTEM

The proposed system consists of detailed information regarding all the educational paths as well as job details etc.The proposed systems consists of two modules .They are admin, user modules respectively. This is a collaborated site with all the information regarding the education and jobs. The main aim is to make people or students aware of all the degrees or courses available for the students. So that they will excel. This website also helps people to choose any course according to their wish. That will help people to excel in whatever the degree or course they chose. There are no long registration processes for the user to search the details. He straight away search for the required details in the page. No details of the user are collected.

We will provide the tips and tricks to achieve the desired path of the students. This educational compass provides only the path which paves the way to determine the goal and achieve it.

STRUCTURE OF PROPOSED SYSTEM

ALGORITHM

ADMIN:

If(login id, password matches with existing)

Redirect to Admin Home page

if(Admin homepage opened && insert into education details)

Upload educational information successfully

Else if (Admin homepage opened && insert into job details)

Upload job information successfully.

Else if (Admin homepage opened && view search details)

View the details of users search

Else(logout clicked)

Redirect to user login page

Else (login id, password ! matches with existing)

Stay in the login page only

USER:

User Home page will be opened

if(search == educational details)

if(related information present)

displays required educational info

else

alert message saying No data found!

Else if(search == job details) then

if(related information present)

displays required job information

else

alert message saying No data found!

Else if(contact us)

Opens the contact us page

Else

Opens about us page

CONCLUSION

In this project we strived hard to make people aware of   every course and stream of education so that they will be in their dream jobs rather than being in a position what their elders suggested or parents dreamt. It provides all the information regarding the education and related jobs. So that no student should lose the opportunity just because of lack of knowledge.

FUTURE ENHANCEMENTS

We want make this is a platform for interacting. Students and the professionals can interact in this site. Can also share images and all the information regarding education. Like Facebook and Twitter it should also be a site for interacting but the topic should be about education and career development. We want to provide further information regarding education developments. Adding other modules or develop the existing modules regarding future usage. We will provide the suggestions given by the userand seniors. We will get the experiences of the persons of particular field and their suggestions.

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