Let Your Career Match Your Interests

Name- Gaurav Gulati
Roll NO.- 2K20/B3/65
Submitted to:- Ms. Gull Kaur
Computer Engineering Department

Objective

The main objective of this project is to familiarize the user with various new domains that have come up in past few recent years.

Due to change of demands and invention of new products and ways ,taking place everyday, it is nearly not possible for an individual to get himself updated in every domain. Even talking to seniors in the college I got to know that the main initial problem in the college is to identify that for which domain we are perfect and we can devote our life.

So here my project comes to rescue. The aim is to give the user the top 3 most preferred domains after entering a set of questions which has many indications to various domains.

After the answering of questions the user is given a complete guide of the top 3 domains that he got. He will also be able to see the ways to make money quick for financial growth too.

Motivation

The main motivation behind the project is the project is to help the engineering students to get the idea of all possible future options.

No one should be should have an excuse that the field was not known to him/her and years after he should only be doing job of his/her interest.

The project is suitable for both college students and the ones who have started in their career recently. It has 10 various independent domains and the questions will give them a taste of every domain.

Introduction

When I got admission into this college and talked to some seniors of societies, the first thing they told me was that there is lot to discover in the college life. There are plenty of domains which you will have to figure out and help yourself in getting knowledge about that domain. They told me there was no as such website for college students which gives them the idea of which domain will suit them the most.

So here came the idea of making a project that could be useful to a large domain of college students.

The points that I have tried to cover in this project are :-

1. There are plenty of Domains that a collegian can discover and some them are not known even to their seniors. So I have tried to cover each and every domain.
2. The screening process has been made clear. The user gets to know what he should be trying in a specific order.
3. The list of courses, institutes and the people who have experienced the hurdles on that road has been given in addition to the result of the quiz the user has given.

Background

Language

The project has been made in C++.

I have just started coding in college and for clearing the basics this language is probably the best at the moment.

The language didn't offer any resistance while coding and had been pretty easy to implement my commands.

I have used Visual Studio Code for coding .

People's Review

My Friends found it very useful and said that after having knowledge in each domain I can even start the paid services of it by launching an app and providing personal guidance.

"The idea can be used as an opening base for a ed tech startup and can be taken to other level too." said one of my friends.

Approach and Case Studies

Approach

I had decided to decide the best domains after putting forth a set of questions and which after sorting gives me the most appropriable 3 domains for the user.

After getting those 3 domains user will be provided with a complete guide of its YouTube channels, people who are in this field for a long time, Course available on the net for that domain and the average package in India for that domain.

The user will have the power to either give his/her mail or not and further can choose to see the ways to earn money as well for financial growth.

Case Studies

Every domain has 3 questions related to it. Each answer in agreement to that domain increments the variable for that domain by one.

Thereafter using insertion sort code the values of the variable are arranged in the ascending order. The last three values indicates the maximum values. Hence it indicates the user is interested and do better in those 3 domains.

The user is also required to choose whether to provide the mail or not and can also decide whether to gain knowledge regarding the growth of money and implement in personal life.

Implementation Details

The Header Files included are:-

1. #include<iostream>
2. #include<string>
3. #include<vector>
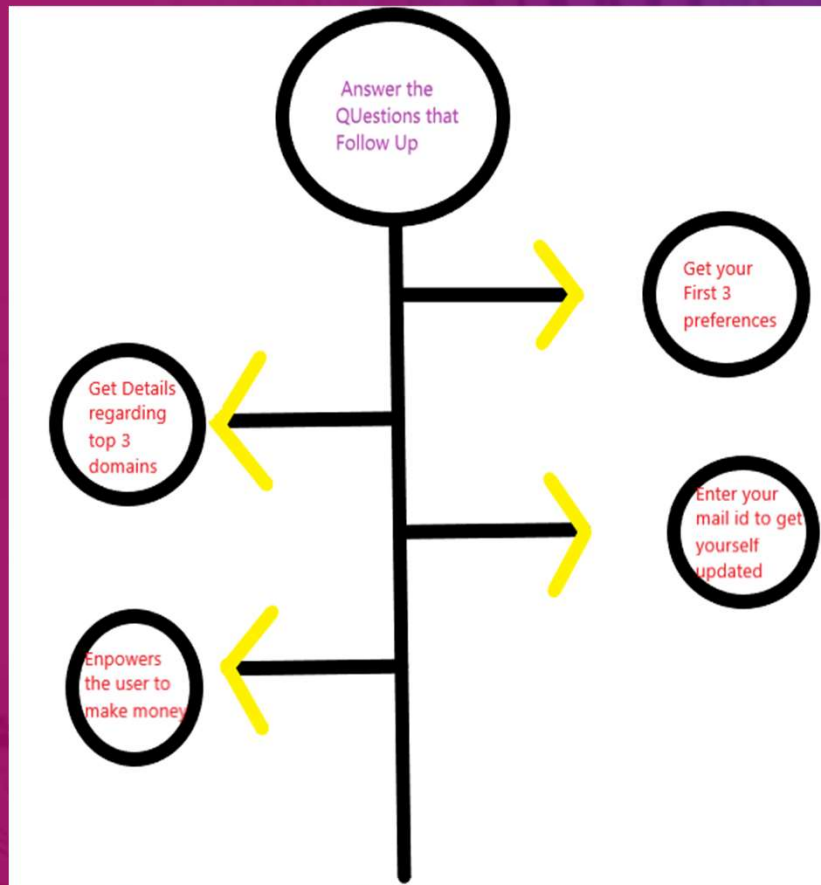
The Functions Used are-

1. Email
2. Ways_to_earn_money

Further I have used

1. If else statements
2. Switch cases
3. Arrays
4. Insertion Sort
5. Strings
6. Vectors
7. For and while loops
8. Pairing

Implementation Details

Results

```
PS C:\Users\Gaurav Gulati> cd "c:\Users\Gaurav Gulati\Desktop\coding\c and c++\" ; if ($?) { g++ Project.cpp -o Project } ; if ($?) { .\Project }
    Have you been facing with the same problem of not being able to find your area of interest?
Are you Not able to find your passion?

    Well here is the complete guide and solutions to all your career and interests related problem. Just answer the questions that Follow up and you will get all
 the details regarding your passion along with the course of one and a half month of complete experience in all the domains.

The instructions for answering the questions are:-
 Enter the ans with only their integers option and there after enter 0


A. Have you found yourself enjoying these things?

1. Founded it interesting in solving analytical problems and felt satisfied after solving on your own
2. Felt happy when you decorated and designed the objects and colored various objects vibrantly
 3. Founded writing blogs and writing articles interesting
4. Founded teaching someone satisfactory and later got appreciated for it
2
0


 B. Which of these do you find interesting ?

1. Admiring the beautiful animated posts on social media and think that you can also create one
2. Founded animation in different objects interesting and want to explore it
3. Founded interesting to know how to build websites of big companies and their designs and colours
4. Founded interested in building apps and their colour combinations
1
0
```

Results

```
 C. Have you experienced any of these situations?

1. Can you modulate your voice and speak in different manners and act just like actors and find it interesting?
2. You found it interesting opening different electrical objects and knowing what is their in it
3. Wanted to really delve into a topic and do complete analysis in that subject
4. Convince other people regarding different objects and make them purchase it successfully
3
0


 D. Can you do the following things?

1. Design animated posters for different objects if given proper software
2. Can you imitate actors and really act in front of parents in a manner that they are really satisfied with false talk
3. Can you sit for long hours and keep on studying a topic in detail
4. Are you interested in electrical and mechanical parts of a machine
3
0


 E. Which of these make you happy?

1. Looking at different posters on billboard and finding flaws to improve them
2. Finding flaws in the websites design and want to improve them
3. Find coding interesting and want to compete with others in this
4. Find flaws in different apps and there bugs and how they can be made more user friendly
1
0


 F. What have you found yourself doing in idle time

1. Appreciating and thinking of developing different  personal games
2. Thinking of advertising different products and doing it better than actors
3. Have you found it never boring the same concept to someone repeatedly?
4. Thinking of the aerodynamics of drones or thermal effects in machines?
```

Results

```
 F. What have you found yourself doing in idle time

 1. Appreciating and thinking of developing different  personal games
 2. Thinking of advertising different products and doing it better than actors
 3. Have you found it never boring the same concept to someone repeatedly?
 4. Thinking of the aerodynamics of drones or thermal effects in machines?
 0


 G. Which of these are you ready to carry on daily basis for next 25-30 days?

 1. Finding solutions to user problems and bugs and developing new features using coding
 2. Designing websites for startups and greatr MNCs
 3. Dedicate your time towards acting in different even small shows
 4. Do whole thesis on a project and if required Phd in it and researching in topic of subject of your interest
 5. Teaching a kid or adult concept with same energy as teaching for the first time whether it is subject or instrument
 0
 First Preference is found to be Designing
 Second Perence is found to be Research
 Third Preference is found to be ThreeDAnimator

 Here are some Youtube Channels that have gained fame in Designing
 1. Adobe Creative Cloud
 2. Jesse ShowAlter
 3. GCFLearnFree.org
 4. Gareth David Studio

 Here are the courses that will guide you in the right Direction
 1. http://www.dreamzonecentre.com/
 2. https://www.upgrad.com/?mf_campaignname_click=7247714378&gclickId_identifier=CjwKCAjw9MuCBhBUEiwAbDZ-7mjiPfwwnslhyR4gICfUjTNox4UrZLBTslp7RUD5E4SaPqTMHtzPcRoCZ3
 MQAvD_BwE&placement_id_identifier=&key_word_identifier=%2Bonline%20%2Bcourses&ad_group_id_identifier=82084562284&utm_source=GOOGLE&utm_medium=BSEARCH&utm_campaign
 =ALL_ALL_ALL_GOOGLE_BSEARCH_EDUCATION_METROS_ALL&utm_content=online_courses&utm_term=%2Bonline%20%2Bcourses&gclid=CjwKCAjw9MuCBhBUEiwAbDZ-7mjiPfwwnslhyR4gICfUjTNo
 x4UrZLBTslp7RUD5E4SaPqTMHtzPcRoCZ3MQAvD_BwE
```

Results

```
People who are famous in this Domain:-
1. Jesse ShowAlter
2. Gareth David

Average Salary in the domain = 3.3 Lakhs

do you want to recieve emails? enter 1 for yes and 0 for no1
enter the code for domain:
cc:CompetitiveCoding
wd:WebDevelopment
ad:AppDevelopment
am:AffiliateMarketing
de:Designing
td:ThreeDAnimatorc:Acting
rs:Research
dr:DroneandmachineDevelopment
te:Teachingte
enter your mail ID gaurav@gmail.com


For above courses and meetings you will probably require money
Do you want to know how you can make money and grow. If yes Press 1 if no press 01
If you do have a limited amount of money and want to grow it (i.e. given by parents or other sources) then Stock market and real estate are two prime methods of m
aking that money grow faster in comparison to deposit in bank. For stock market use trading and guiding app Zerodha and for real estate see videos of Aman Dhatarw
al and experience is the best source in this so learn from existing traders.

If you donΓÇÖt have enough funds the methods like
1.      Teaching instruments or academics or sport
2.      Becoming  a virtual Assistant
3.      Free Lancer Writing
4.      Graphic designing
5.      Personal Blogging

Are the ways to start making money


Here are some Youtube Channels that have gained fame in 3D Animation
```

Results

```
Here are some Youtube Channels that have gained fame in 3D Animation
1. Blender Guru
2. Animation Blender
3. Blender Studio
4. TheCGBros

Here are the courses that will guide you in the right Direction
1. https://aaft.com/lp/animation/?page=lp&gclid=CjwKCAjw9MuCBhBUEiwAbDZ-7kjgiwf-f3uMgRufsjdxLD_e4ils8v_9o6yzl32ZfqVZsQdKk3z1YRoCmAkQAvD_BwE
2. https://www.derby.ac.uk/undergraduate/art-design-courses/?utm_source=google&utm_medium=cpc&utm_content=Animation-intl&utm_campaign=ug+recruit+ahe&gclid=CjwKCAj
w9MuCBhBUEiwAbDZ-7gNuqAsoW5I3v0imuW7K0tAcJarv25w4QW1kcDJO58_o-eY3A67uHhoC5tYQAvD_BwE

People who are famous in this Domain:-
1. John Lasseter
2. Ken Anderson

Average Salary in the domain = 3.1 Lakhs

do you want to recieve emails? enter 1 for yes and 0 for no0


For above courses and meetings you will probably require money
Do you want to know how you can make money and grow. If yes Press 1 if no press 00


Here are some Youtube Channels that have gained fame in Research
1. SciToons
2. Randall Meyer
3.  Kurzgesagt
4. Professor Dr Javed Iqbal

Here are the courses that will guide you in the right Direction
1. https://www.udemy.com/topic/research-methods/?utm_source=adwords&utm_medium=udemyads&utm_campaign=DSA_Catchall_la.EN_cc.INDIA&utm_content=deal4584&utm_term=_._
ag_82569850245_._ad_437477497176_._kw__._de_c_._dm__._pl__._ti_dsa-437115340933_._li_9061692_._pd__._&matchtype=b&gclid=CjwKCAjw9MuCBhBUEiwAbDZ-7qQYivjO1wXOLRdIGS
63PEeKA_UeSHFkaR76r8NSKLsO00TD7HrBcRoCQxsQAvD_BwE
2. https://catalyst.harvard.edu/courses/?gclid=CjwKCAjw9MuCBhBUEiwAbDZ-7lzS-A-Qka_tFDMzPvha80lfOcN3Dtwx-Obz7GJ7QOSYpoU9E-Gf7BoCX14QAvD_BwE
```

Results

```
Here are some Youtube Channels that have gained fame in Research
1. SciToons
2. Randall Meyer
3.  Kurzgesagt
4. Professor Dr Javed Iqbal

Here are the courses that will guide you in the right Direction
1. https://www.udemy.com/topic/research-methods/?utm_source=adwords&utm_medium=udemyads&utm_campaign=DSA_Catchall_la.EN_cc.INDIA&utm_content=deal4584&utm_term=_._
ag_82569850245_._ad_437477497176_._kw__._de_c_._dm__._pl__._ti_dsa-437115340933_._li_9061692_._pd__._&matchtype=b&gclid=CjwKCAjw9MuCBhBUEiwAbDZ-7qQYivjO1wXOLRdIGS
63PEeKA_UeSHFkaR76r8NSKLsO00TD7HrBcRoCQxsQAvD_BwE
2. https://catalyst.harvard.edu/courses/?gclid=CjwKCAjw9MuCBhBUEiwAbDZ-7lzS-A-Qka_tFDMzPvha80lfOcN3Dtwx-Obz7GJ7QOSYpoU9E-Gf7BoCX14QAvD_BwE

People who are famous in this Domain:-
1. Stephen hawking
2. Hill Combey

Average Salary in the domain = 3.8 Lakhs

do you want to recieve emails? enter 1 for yes and 0 for no1
enter the code for domain:
cc:CompetitiveCoding
wd:WebDevelopment
ad:AppDevelopment
am:AffiliateMarketing
de:Designing
td:ThreeDAnimatorc:Acting
rs:Research
dr:DroneandmachineDevelopment
te:Teachingrs
enter your mail IDgauravg@gmail.com


For above courses and meetings you will probably require money
Do you want to know how you can make money and grow. If yes Press 1 if no press 00


PS C:\Users\Gaurav Gulati\Desktop\coding\c and c++>
```

Conclusion

The Project is indeed useful for college students as well as those who want to explore everything in their life.

On this basis an app can be developed which makes it further user friendly and includes various designs in it. Making it paid and providing the mail id of the user to the institutes which are offering services in the domain the user may be interested (with users consent) can help on the financial side as well.

The project can be made more vast by having a huge dataset of questions and the sources and facilities in every domain.

This project helps the individual to grow financially as well as well as develop skills through the content provided and keeps them updated by taking the mail ids.

The project can be further improved by including the points in future work.

Future Work

Future Work includes:-

1. Apart from these tests a plan for one and a half month which gives user experience in every domain.

2. As the domains keep on increasing with increasing technology the list of questions will keep on increasing.

3. The set of questions will be increased so as to get better analysis.

4. Instead of for loop in every step the method of representing the options by power raised can be used also which gives unique answer every time.

5. The question may contain one question from every domain through which function can be used.

6. App can be build. Making it paid and providing the mail id of the user to the institutes which are offering services in the domain the user may be interested (with users consent) can help on the financial side as well.

References

1. Pairing in C++ by Saurabh Shukla and Krish Chopra
2. Vectors By Ayush Bansal

THANK YOU!

This Ends My Project