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1.Introduction

This 'QUIZ GAME' Project is designed for a question in which you can generate and manage

simple database for questions. The question number is automatically generated by the

software and is stored in a binary file by the name 'QUESTION'. This data base is basically

used as a MASTER file to be used as a look-up table for information like Quiz Option, of C

language. In this software you can ask for the question of c language. If he is incorrect then

he lost the game & game is closed.

2.Objective

The sole intention behind the consideration of this Project is to generate and manage a simple

database for question. This project is developed considering “QUIZ” information keeping

context of the customer in mind. Here, data is stored in a binary file by “QUESTION” and

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Quiz Contest is an application developed to conduct a quiz based on time constraints.

Quiz Contest system is accessed by entering the user name and password which is added to the

database. Before start of the quiz, the rules and regulations are displayed that includes

description of the time limit, number of questions to be answered and scoring methods. Quiz is

started by displaying one question with four options each based on computer and general

knowledge. if the answer is correct, 7 score is incremented by four and no negative marks for

wrong answers . If the time exceeds 20secs next question will come automatically after giving

few limited question's answer quiz application will finally direct you to the score page. Final

score will be displayed and updated in the database with username.

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**Project Report**

**COMPUTER PROGRAMMING LAB**

**SUBMITTED TO**

**MAM SHAHINZA MANZOOR**

**COMPILED BY**

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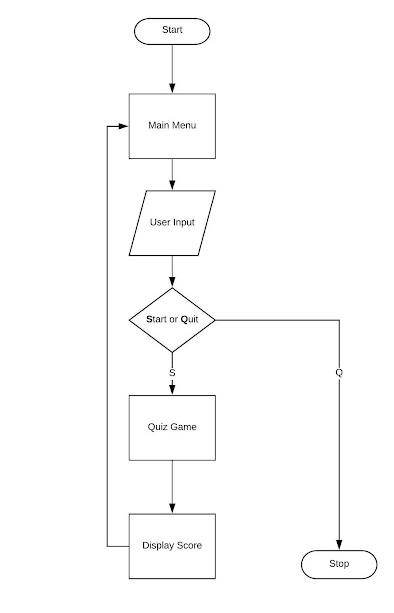
**Introduction:**  
  
The purpose of this report is to provide an overview of a quiz game project that was developed as part of a computer engineering course. The quiz game was designed to be fun, interactive and educational, targeting users who are interested in learning new things about various topics.  
  
**Objective:**  
The objective of the quiz game project was to design and develop an application that could:  
  
- Engage users with challenging questions and interactive feedback.  
- Provide a way for users to track their progress and compare their scores with others.  
- Offer education on various important subjects.  
 **Functionality:**  
  
The quiz game project was built using a C++ LANGUAGE.

* The compiler used is Dev C++.

The application includes the following features:  
  
- Login/Registration: Users can log in by his name to access the quiz game.  
- Multiple Quizzes: The application contains multiple quizzes, each with its own unique set of questions and answers.  
- Score Tracking: After completing a quiz, users are presented with their score and the correct answers to any questions they missed..  
- Feedback: Users receive feedback on incorrect answers to help them understand what they got wrong and learn from their mistakes.

* Then display a message to play again or leave ?
* If yes then game will continue otherwise exit.

**Flow chart:**



**Coding:**

#include<iostream>

using namespace std;

int main()

{

int x,y,z;

char choice;

x=y=z=0;

char ch1[100],ch2,ch3,ch4,ch5,ch6,ch7,ch8,ch9,ch10,ch11;

do

{

cout<<" Enter Your Name"<<endl;

cin>>ch1;

cout<<" Welcome "<<ch1<<endl;

cout<<"!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!Quiz game !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!"<<endl;

cout<<"start"<<endl;

cout<<" \nWhat is called as ' THE HOLY LAND'? \n a.Makkah b.Mathura c.Mecca"<<endl;

cin>>ch2;

system("cls");

if(ch2=='a')

{

x=x+10;

cout<<"\nGood Job.Your score is "<<x<<endl;

}

else

cout<<"\nSorry wrong answer."<<endl;

cout<<"next!"<<endl;

cout<<" \nWhat is called as ' THE ROOF OF THE WORLD'?\n a.Nepal b.Rome c.Tibet"<<endl;

cin>>ch2;

system("cls");

if(ch2=='c')

{

x=x+10;

cout<<"\nGood Job. Your score is "<<x<<endl;

}

else

cout<<"\nSorry wrong answer."<<endl;

cout<<"next!"<<endl;

cout<<"\nWhat is called as ' THE LAND OF RISING SUN'?\n a.Chicago b.Japan c.Tibet "<<endl;

cin>>ch2;

system("cls");

if(ch2=='b')

{

x=x+10;

cout<<"\nGood Job! Your score is "<<x<<endl;

}

else

cout<<"\nSorry wrong answer."<<endl;

cout<<"next!"<<endl;

system("cls");

cout<<"\nWhat is capital of hawai?\n a.Chicago b.honololo c.Africa "<<endl;

cin>>ch2;

system("cls");

if(ch2=='b')

{

x=x+10;

cout<<"\ngreat!Your score is "<<x<<endl;

}

else

cout<<"\nSorry wrong answer."<<endl;

cout<<"next!"<<endl;

cout<<"\nWhat is national animal of pakistan '?\n a.marhoor b.cow c.fox "<<endl;

cin>>ch2;

system("cls");

if(ch2=='a')

{

x=x+10;

cout<<"\ngreat!Your score is "<<x<<endl;

}

else

cout<<"\nSorry wrong answer."<<endl;

cout<<"next!"<<endl;

cout<<"\nhow many bones are in humman body'? \n a.two hundred and six b.fifty c.hundred "<<endl;

cin>>ch2;

system("cls");

if(ch2=='a')

{

x=x+10;

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}

else

cout<<"\nSorry wrong answer."<<endl;

cout<<"next!"<<endl;

cout<<"\nWhat is the name of current president of america ? \n a.Trump b.Youman c.Jobidan "<<endl;

cin>>ch2;

system("cls");

if(ch2=='c')

{

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}

else

cout<<"\nSorry wrong answer."<<endl;

cout<<"next!"<<endl;

cout<<"\nWhat is called as ' THE LAND OF WHITE ELEPHANTS'? \n a.Bangladesh b.Thailand c.India"<<endl;

cin>>ch2;

system("cls");

if(ch2=='b')

{

x=x+10;

cout<<"\ngreat!Your score is "<<x<<endl;

}

else

cout<<"\nSorry wrong answer."<<endl;

cout<<"next!"<<endl;

cout<<"\nWhat is called as ' THE CITY OF SEVEN HILLS'?\n a.Rome b.Nilgiri Hills c.Tibet"<<endl;

cin>>ch2;

system("cls");

if(ch2=='a')

{

x=x+10;

cout<<"\ngreat!Your score is "<<x<<endl;

}

else

cout<<"\nSorry wrong answer."<<endl;

cout<<"next!"<<endl;

cout<<" \nWhat is called as ' THE DARK CONTIENENT'?\n a.Asia b.Australia c.Africa"<<endl;

cin>>ch2;

system("cls");

if(ch2=='c')

{

x=x+10;

cout<<"\ngreat!Your score is "<<x<<endl;

}

else

cout<<"\nSorry wrong answer."<<endl;

cout<<"\n!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!Results!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!"<<endl;

if(x==100)

cout<<"No cheating...... You have done this earlier also."<<endl;

if(x==90)

cout<<"You are extremely intelligent .Your Score is 90"<<endl;

if(x==80)

cout<<"You are intelligent .Your Score is 80"<<endl;

if(50==x||x==70||x==60)

cout<<"You are average Your Score is "<<x<<" "<< "Better luck next time"<<endl;

else if(x<=40)

cout<<"No use........ Not even 5 questions right"<<endl;

cout<<"\nplay again or quit? "<<endl;

cin>>choice;

system("cls");

}

while(choice=='p');

return 0;

}  
  
**Design and User Interface:**  
  
The quiz game has a simple user interface that is easy to navigate and aesthetically pleasing. The application's design is based on a color palette that is calming and appealing to the eye while ensuring readability and accessibility for users. The layout is responsive, meaning it adapts to different screen sizes and ensures users have a seamless experience across all devices.  
  
**Conclusion:**  
The quiz game project is a fun, educational and interactive application that engages users with challenging questions and interactive feedback. With multiple quizzes available, users can challenge themselves on a variety of topics while tracking their progress and comparing their scores with others. The simple user interface and responsive layout make the application accessible and easy to use for all users. Overall, the quiz game project is a successful computer engineering project that demonstrates the developer's skills and creativity.