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KBC – GAME

Class - B.TECH, Computer Science Engineering

Specialization - ARTIFICIAL INTELLIGENCE

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Acknowledgement

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clarification and above all faith in us, this project could not have been completed in due time.

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| **S.NO.** | **TOPIC** |
| **1** | TITLE OF THE PROJECT |
| **2** | INTRODUCTION OF THE PROJECT |
| **3** | ABSTRACT OF THE PROJECT |
| **4** | OBJECTIVE OF THE PROJECT |
| **5** | SCOPE OF THE PROJECT |
| **6** | REPORTS OF THE PROJECT |
| **7** | MODULES OF THE PROJECT |
| **8** | INPUT DATA AND VALIDATION OF THE PROJECT |
| **9** | FEATURES OF THE PROJECT |
| **10** | SYSTEM DESIGN OF THE PROJECT |
| **11** | USER INTERFACE OF THE PROJECT |
| **12** | PROJECT CATEGORY |
| **13** | FLOWCHART OF THE PROJECT |
| **14** | CONCLUSION OF THE PROJECT |
| **15** | LIMITATIONS OF THE PROJECT |
| **16** | BIBLIOGRAPHY AND REFERENCES |

**Introduction of the Project KBC Quiz System:**

The "KBC Quiz System" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and in some cases reduce the hardships faced by this existing system. Moreover this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus by this all it proves it is user-friendly. KBC Quiz System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources.

Every organization, whether big or small, has challenges to overcome and managing the information of Answers, Questions, Participants, Level and Points. Every KBC Quiz System has different Questions needs, therefore we design exclusive employee management systems that are adapted to your managerial requirements. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources.

**Abstract of the Project KBC Quiz System:**

The purpose of KBC Quiz System is to automate the existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

KBC Quiz System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for the clients.

**Objective of Project on KBC Quiz System:**

The main objective of the Project on KBC Quiz System is to manage the details of Questions, Answers, Patterns, Participants and Points. It manages all the information about Questions, Level, Points and Questions. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Questions, Answers, Level and Patterns. It tracks all the details about the Patterns, Participants and Points.

**Functionalities provided by KBC Quiz System are as follows:**

* Provides the searching facilities based on various factors. Such as Questions, Patterns, Participants, Points
* KBC Quiz System also manage the Level details online for Participants details, Points details, Questions.
* It tracks all the information of Answers, Level, Participants ect
* Manage the information of Answers
* Shows the information and description of the Questions, Patterns
* To increase efficiency of managing the Questions, Answers
* It deals with monitoring the information and transactions of Participants.
* Manage the information of Questions
* Editing, adding and updating of Records is improved which results in proper resource management of Questions data.
* Manage the information of Participants
* Integration of all records of Points.

**Scope of the project KBC Quiz System**

It may help collecting perfect management in details. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to KBC Quiz System. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly.

Our project aims at Business process automation, i.e. we have tried to computerize various processes of KBC Quiz System.

* In computer system the person has to fill the various forms & number of copies of the forms can be easily generated at a time.
* In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.
* To assist the staff in capturing the effort spent on their respective working areas.
* To utilize resources in an efficient manner by increasing their productivity through automation.
* The system generates types of information that can be used for various purposes.
* It satisfy the user requirement
* Be easy to understand by the user and operator
* Be easy to operate
* Have a good user interface
* Be expandable
* Delivered on schedule within the budget.

**Reports of KBC Quiz System:**

* It generates the report on Questions, Answers, Level
* Provide filter reports on Patterns, Participants, Points
* You can easily export PDF for the Questions,Level, Participants
* Application also provides excel export for Answers, Patterns, Points
* You can also export the report into csv format for Questions, Answers, Points

**Modules of KBC Quiz System:**

* Questions Management Module: Used for managing the Questions details.
* Points Module : Used for managing the details of Points
* Level Module : Used for managing the details of Level
* Answers Management Module: Used for managing the information and details of the Answers.
* Patterns Module : Used for managing the Patterns details
* Participants Module : Used for managing the Participants informations
* Login Module: Used for managing the login details
* Users Module : Used for managing the users of the system

**Input Data and Validation of Project on KBC Quiz System**

* All the fields such as Questions, Patterns, Points are validated and does not take invalid values
* Each form for Questions, Answers,Level can not accept blank value fields
* Avoiding errors in data
* Controlling amount of input
* Integration of all the modules/forms in the system.
* Preparation of the test cases.
* Preparation of the possible test data with all the validation checks.
* Actual testing done manually.
* Recording of all the reproduced errors.
* Modifications done for the errors found during testing.
* Prepared the test result scripts after rectification of the errors.
* Functionality of the entire module/forms.
* Validations for user input.
* Checking of the Coding standards to be maintained during coding.
* Testing the module with all the possible test data.
* Testing of the functionality involving all type of calculations etc.
* Commenting standard in the source files.

**The software quality plan we will use the following SQA Strategy:**

* In the first step, we will select the test factors and rank them. The selected test factors such as reliability, maintainability, portability or etc, will be placed in the matrix according to their ranks.
* The second step is for identifying the phases of the development process. The phase should be recorded in the matrix.
* The third step is that identifying the business risks of the software deliverables. The risks will be ranked into three ranks such as high, medium and low.

**Features of the project KBC Quiz System:**

* Product and Component based
* Creating & Changing Issues at ease
* Query Issue List to any depth
* Reporting & Charting in more comprehensive way
* User Accounts to control the access and maintain security
* Simple Status & Resolutions
* Multi-level Priorities & Severities.
* Targets & Milestones for guiding the programmers
* Attachments & Additional Comments for more information
* Robust database back-end
* Various level of reports available with a lot of filter criteria’s
* It contain better storage capacity.
* Accuracy in work.
* Easy & fast retrieval of information.
* Well designed reports.
* Decrease the load of the person involve in existing manual system.
* Access of any information individually.
* Work becomes very speedy.
* Easy to update information

**The proposed system has the following requirements:**

* System needs store information about new entry of Questions.
* System needs to help the internal staff to keep information of Answers and find them as per various queries.
* System need to maintain quantity record.
* System need to keep the record of Patterns.
* System need to update and delete the record.
* System also needs a search area.

**** It also needs a security system to prevent data.

**System Design of KBC Quiz System**

In this phase, a logical system is built which fulfils the given requirements. Design phase of software development deals with transforming the clients’s requirements into a logically working system. Normally, design is performed in the following in the following two steps:

1. **Primary Design Phase:**

In this phase, the system is designed at block level. The blocks are created on the basis of analysis done in the problem identification phase. Different blocks are created for different functions emphasis is put on minimising the information flow between blocks. Thus, all activities which require more interaction are kept in one block.

1. **Secondary Design Phase:**

In the secondary phase the detailed design of every block is performed.

**The general tasks involved in the design process are the following:**

1. Design various blocks for overall system processes.
2. Design smaller, compact and workable modules in each block.
3. Design various database structures.
4. Specify details of programs to achieve desired functionality.
5. Design the form of inputs, and outputs of the system.
6. Perform documentation of the design.
7. System reviews.

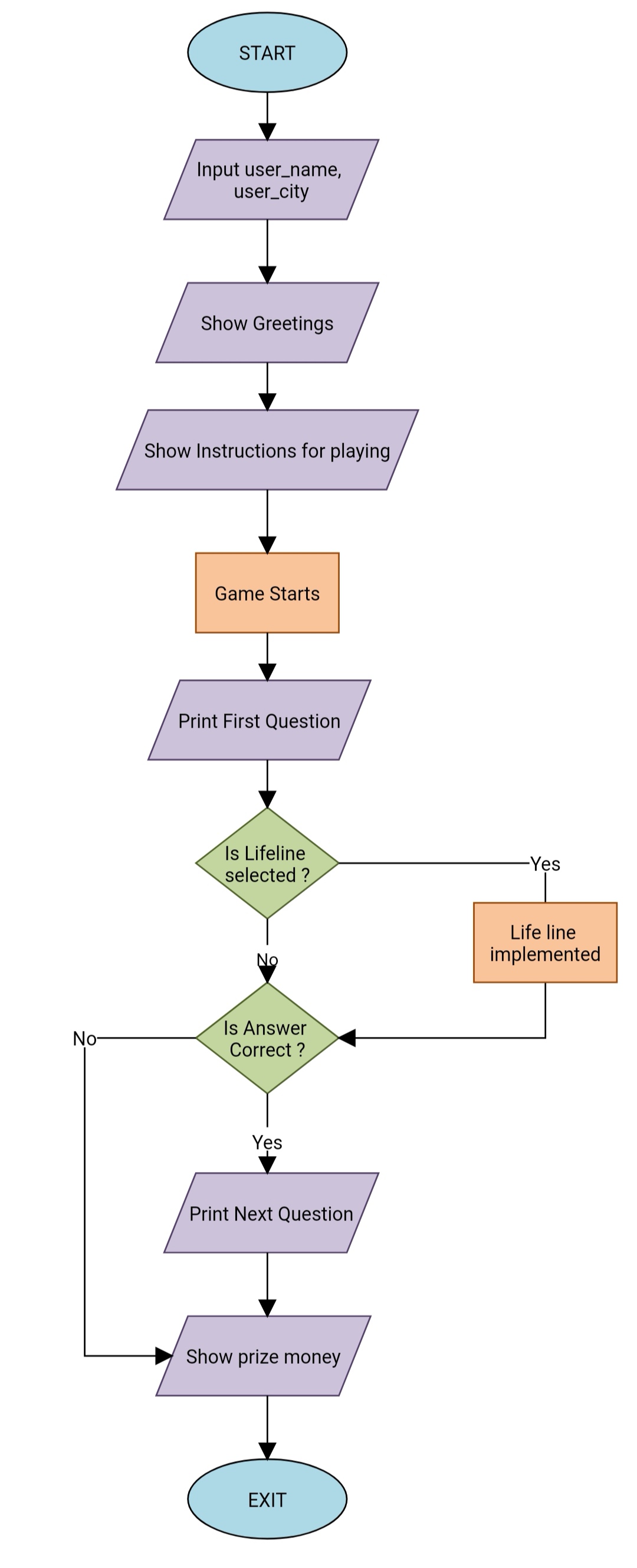
**User Interface Design**

User Interface Design is concerned with the dialogue between a user and the computer. It is concerned with everything from starting the system or logging into the system to the eventually presentation of desired inputs and outputs. The overall flow of screens and messages is called a dialogue.

**The following steps are various guidelines for User Interface Design:**

1. The system user should always be aware of what to do next.
2. The screen should be formatted so that various types of information, instructions and messages always appear in the same general display area.
3. Message, instructions or information should be displayed long enough to allow the system user to read them.
4. Use display attributes sparingly.
5. Default values for fields and answers to be entered by the user should be specified.
6. A user should not be allowed to proceed without correcting an error.
7. The system user should never get an operating system message or fatal error.

**FLOWCHART OF THE PROJECT :-**

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**Limitation of Project on KBC Quiz System**

Although we have put our best efforts to make the software flexible, easy to operate but limitations cannot be ruled out even by me. Though the software presents a broad range of options to its users some intricate options could not be covered into it; partly because of logistic and partly due to lack of sophistication. Paucity of time was also major constraint, thus it was not possible to make the software fool proof and dynamic. Lack of time also compelled me to ignore some part such as storing old result of the candidate etc.

Considerable efforts have made the software easy to operate even for the people not related to the field of computers but it is acknowledged that a layman may find it a bit problematic at the first instance. The user is provided help at each step for his convenience in working with the software.

**List of limitations which is available in the KBC Quiz System:**

* Excel export has not been developed for Questions, Answers due to some criticality.
* The transactions are executed in off-line mode, hence on-line data for Patterns, Participants capture and modification is not possible.

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* http://www.wampserver.com/en/
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* httpd.apache.org/docs/2.0/misc/tutorials.html

**Coding Of Our Project**

#include<graphics.h>

#include<stdlib.h>

#include<stdio.h>

#include<conio.h>

#include<dos.h>

#include<math.h>

#include<fstream.h>

#include<string.h>

union REGS i,o;

int flag;

int ansbox1=0,ansbox2=0;

int life1=0,life2=0,life3=0,f3=0;

int button, x1,y1;

long double size;

char str[8]={'0'};

char total[10]={'0'};

long double p=500;

ifstream fin;

char correctans[2];

void page2();

void page3();

void line();

void questions();

void incorrect1();

void incorrect2();

void incorrect3();

void incorrect4();

void phonefriend();

void fiftyfifty();

void audiencepoll();

void sorry();

void select();

void correct();

void startscreen();

void totalprizemoney();

void askname();

int offset=0,num;

int prev[15],count=0;

initmouse()

{

i.x.ax=0;

int86(0x33,&i,&o);

return(o.x.ax);

}

void showmouseptr()

{

i.x.ax=1;

int86(0x33,&i,&o);

}

void hidemouseptr()

{

i.x.ax=2;

int86(0x33,&i,&o);

}

void getmousepos(int \*button,int \*x,int \*y)

{

i.x.ax=3;

int86(0x33,&i,&o);

\*button=o.x.bx;

\*x=o.x.cx;

\*y=o.x.dx;

}

void main()

{

/\* request auto detection \*/

int gdriver = DETECT, gmode, errorcode;

/\* initialize graphics and local variables \*/

initgraph(&gdriver, &gmode, " ");

startscreen();

// setbkcolor();

p=500;

ansbox1=0,ansbox2=0;

count=0;

life1=0,life2=0,life3=0;

page2();

hidemouseptr();

page3();

closegraph();

restorecrtmode();

}

void page2()

{

cleardevice();

settextstyle(12,0,5);

setcolor(10);

outtextxy(20,10,"CSE-AI (C-2) Project Coding");

setlinestyle(1,0,1);

setcolor(BLUE);

setlinestyle(0,0,3);

rectangle(500,5,625,350);

line(0,350,625,350);

setcolor(LIGHTBLUE);

int poly[]={40,390,60,365,560,365,580,390,560,415,60,415,40,390};

drawpoly(7,poly);

line(0,390,40,390);line(580,390,620,390);

int poly1[]={40,430,50,420,290,420,300,430,290,445,50,445,40,430};

drawpoly(7,poly1);

int poly2[]={300,430,310,420,575,420,585,430,575,445,310,445,300,430};

drawpoly(7,poly2);

int poly3[]={40,465,50,450,290,450,300,465,290,475,50,475,40,465};

drawpoly(7,poly3);

int poly4[]={300,465,310,450,575,450,585,465,575,475,310,475,300,465};

line(0, 430,40,430);line(0,465,40,465);

line(585,430,620,430);line(585,465,620,465);

drawpoly(7,poly4);

setfillstyle(1,RED);

settextstyle(2,0,0);

fillellipse(525,20,20,10);

fillellipse(565,20,20,10);

fillellipse(605,20,20,10);

setcolor(YELLOW);

outtextxy(510,15,"50:50");

outtextxy(550,15,"PHONE");

outtextxy(589,13,"PUBLIC");

settextstyle(12,0,2);

setcolor(YELLOW);

outtextxy(520,50,"­ 10000000");

setcolor(LIGHTBLUE);

outtextxy(520,70,"­ 5000000");

outtextxy(520,90,"­ 2500000");

outtextxy(520,110,"­ 1250000");

outtextxy(520,130,"­ 640000");

setcolor(YELLOW);

outtextxy(520,150,"­ 320000");

setcolor(LIGHTBLUE);

outtextxy(520,170,"­ 160000");

outtextxy(520,190,"­ 80000");

outtextxy(520,210,"­ 40000");

outtextxy(520,230,"­ 20000");

setcolor(YELLOW);

outtextxy(520,250,"­ 10000");

setcolor(LIGHTBLUE);

outtextxy(520,270,"­ 5000");

outtextxy(520,290,"­ 3000");

outtextxy(520,310,"­ 2000");

outtextxy(520,330,"­ 1000");

count=0;

askname();

questions();

getch();

}

void page3()

{

cleardevice();

settextstyle(12,0,1);

for(int i=490;i>=200;i--)

{

setcolor(10);

}

setcolor(10);

setcolor(WHITE);

outtextxy(10,460,"PRESS ANY KEY TO CONTINUE ");

getch();

exit(0);

}

char proc[]={"PROCESSING........"};

void line()

{

setlinestyle(0,0,1);

for(int x=0;x<=485;x++)

{ setcolor(LIGHTGRAY);

line(x+10,20,x+10,340);

setcolor(0);

rectangle(0,20,x,340);

line(x+10,20,x+10,340);

}

setlinestyle(0,0,3);

sleep(1);

}

void questions()

{

char question[200];

char ans1[150];

char ans2[150];

char ans3[150];

char ans4[150];

int temp=0;

char ch,ch1;

int num=0,ct=0,i=0,t=0;

int randnum[15];

char str[4],co[4],numc[2];

randomize();

fin.open("KBC.txt",ios::binary);

while(!fin.eof())

{

fin.get(ch);

if(ch=='\n')

t++;

}

fin.close();

t=t/6;

fin.open("KBC.txt",ios::binary);

settextstyle(COMPLEX\_FONT,0,3);

setcolor(RED);

outtextxy(150,310,"LET's PLAY !!!!");

sleep(3);

setcolor(BLACK);

outtextxy(150,310,"LET's PLAY !!!!");

while(ct<15)

{

count=0;

num=random(t);

for(i=0;i<temp;i++)

{

if(randnum[i]==num)

{

num=random(t);

i=0;

}

}

randnum[temp]=num;

temp++;

fin.seekg(0,ios::beg);

while(!fin.eof())

{

fin.get(ch);

if(ch=='\n')

count++;

if(count==(6\*num))

{

break;

}

} if(ct>0)

{

setcolor(RED);

outtextxy(150,310,"NEXT question!!!!");

sleep(3);

setcolor(BLACK);

outtextxy(150,310,"NEXT question!!!!");

}

fin.getline(question,200,'\n');

fin.getline(ans1,150,'\n');

fin.getline(ans2,150,'\n');

fin.getline(ans3,150,'\n');

fin.getline(ans4,150,'\n');

fin.getline(correctans,2,'\n');

if(strlen(question)>=40||strlen(ans1)>=25||strlen(ans2)>=25||strlen(ans3)>=25||strlen(ans4)>=25)

settextstyle(COMPLEX\_FONT,0,1);

else

settextstyle(COMPLEX\_FONT,0,2);

setcolor(RED);

setcolor(15);

outtextxy(60,375,question);

outtextxy(60,415,ans1);

outtextxy(320,415,ans2);

outtextxy(60,445,ans3);

outtextxy(320,445,ans4);

showmouseptr();

if(correctans[0]=='a')

{

incorrect1();

}

else if(correctans[0]=='b')

{

incorrect2();

}

else if(correctans[0]=='c')

{

incorrect3();

}

else if(correctans[0]=='d')

{

incorrect4();

}

ct++;

}

if(ct==15)

totalprizemoney();

fin.close();

}

void incorrect1()

{

count++;

showmouseptr();

flag=0;

select();

while(flag==0)

{

getmousepos(&button,&x1,&y1);

if((button & 1)==1)

{

if((x1>=0&&x1<=300)&&(y1>=420&&y1<=445))

correct();

else if((x1>=300&&x1<=585&&y1>=420&&y1<=445)||(x1>=0&&x1<=300&&y1>=450&&y1<=475)||(x1>=300&&x1<=585&&y1>=450&&y1<=475))

sorry();

}

}

}

void incorrect2()

{ count++;

showmouseptr();

flag=0;

select();

while(flag==0)

{

getmousepos(&button,&x1,&y1);

if((button & 1)==1)

{

if((x1>=300&&x1<=585)&&(y1>=420&&y1<=445))

correct();

else if ((x1>=0&&x1<=300&&y1>=420&&y1<=445)||(x1>=0&&x1<=300&&y1>=450&&y1<=475)||(x1>=300&&x1<=585&&y1>=450&&y1<=475))

sorry();

}

}

}

void incorrect3()

{ count++;

showmouseptr();

flag=0;

select();

while(flag==0)

{

getmousepos(&button,&x1,&y1);

if((button & 1)==1)

{

if((x1>=0&&x1<=300)&&(y1>=450&&y1<=475))

correct();

else if((x1>=0&&x1<=300&&y1>=420&&y1<=445)||(x1>=300&&x1<=585&&y1>=420&&y1<=445)||(x1>=300&&x1<=585&&y1>=450&&y1<=475))

sorry();

}

}

}

void incorrect4()

{ count++;

showmouseptr();

flag=0;

select();

while(flag==0)

{

getmousepos(&button,&x1,&y1);

if((button & 1)==1)

{

if((x1>=300&&x1<=585)&&(y1>=450&&y1<=475))

correct();

else if((x1>=0&&x1<=300)&&(y1>=420&&y1<=445)||(x1>=300&&x1<=585&&y1>=420&&y1<=445)||(x1>=0&&x1<=300&&y1>=450&&y1<=475))

sorry();

}

}

}

char prevstr[10]={"1000"};

void correct()

{

hidemouseptr();

flag=1;

p=p\*2;

if(p==4000)

p=3000;

if(p==6000)

p=5000;

if(p==1280000)

p=1250000;

ltoa(p,str,10);

sleep(2);

setcolor(BLUE);

setfillstyle(1,YELLOW);

line(0,250,40,250);line(460,250,500,250);

int pol[]={40,250,60,235,460,235,480,250,460,265,60,265,40,250};

fillpoly(7,pol);

setcolor(BLUE);

settextstyle(0,0,3);

outtextxy(200,240,str);

settextstyle(0,0,1);

setcolor(WHITE);

setcolor(BLACK);

setfillstyle(1,BLACK);

settextstyle(0,0,1);

if(ansbox2==1)

{

bar(503,345+ansbox1,622,360+ansbox1);

setcolor(WHITE);

outtextxy(520,350+ansbox1,"­");

outtextxy(540,350+ansbox1,prevstr);

}

setcolor(RED);

ansbox2=1;

setfillstyle(1,RED);

setcolor(WHITE);

settextstyle(0,0,1);

ansbox1=ansbox1-20;

bar(503,345+ansbox1,622,360+ansbox1);

outtextxy(520,350+ansbox1,"­");

outtextxy(540,350+ansbox1,str);

ltoa(p,prevstr,10);

sleep(1);

setcolor(BLACK);

setfillstyle(1,BLACK);

bar3d(0,230,495,270,0,1);

settextstyle(COMPLEX\_FONT,0,2);

setcolor(RED);

sleep(1);

setcolor(LIGHTBLUE);

setfillstyle(1,BLACK);

int poly[]={40,390,60,365,560,365,580,390,560,415,60,415,40,390};

fillpoly(7,poly);

line(0,390,40,390);line(580,390,620,390);

int poly1[]={40,430,50,420,290,420,300,430,290,445,50,445,40,430};

fillpoly(7,poly1);

int poly2[]={300,430,310,420,575,420,585,430,575,445,310,445,300,430};

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fillpoly(7,poly3);

int poly4[]={300,465,310,450,575,450,585,465,575,475,310,475,300,465};

line(0, 430,40,430);line(0,465,40,465);

line(585,430,620,430);line(585,465,620,465);

fillpoly(7,poly4);

}

void sorry()

{

hidemouseptr();

sleep(1);

setcolor(BLUE);

settextstyle(0,0,3);

outtextxy(50,200,"SORRY ! INCORRECT");

sleep(2);

fin.close();

clearviewport();

setcolor(BLUE);

totalprizemoney();

}

void totalprizemoney()

{

hidemouseptr();

clearviewport();

setcolor(BLUE);

setfillstyle(1,YELLOW);

line(0,390,40,390);line(580,390,620,390);

int pol[]={40,390,60,365,560,365,580,390,560,415,60,415,40,390};

fillpoly(7,pol);

setcolor(RED);

settextstyle(0,0,2);

outtextxy(70,380,"Total prize money:");

setcolor(BLUE);

outtextxy(360,380,str);

settextstyle(0,0,1);

setcolor(GREEN);

outtextxy(100,430,"USE THE KEYBOARD ARROW KEYS TO SELECT");

setfillstyle(1,YELLOW);

bar(80,445,150,460);

char a=0,x='E';int flg=0;

do

{

outtextxy(100,450,"REPLAY EXIT");

a=getch();

switch(a)

{

case 13 :

if((flg%2)==0)

x='R';

else

x='E';

break;

case 77:

case 75:

if((flg%2)==0)

{

setfillstyle(1,0);

bar(80,445,150,460);

setfillstyle(1,YELLOW);

bar(200,445,270,460);

}

else

{

setfillstyle(1,0);

bar(200,445,270,460);

setfillstyle(1,YELLOW);

bar(80,445,150,460);

}

break;

}

if(a==75||a==77)

flg++;

}while(a!=13);

if(x=='R')

{

clearviewport();

closegraph();

main();

}

else if(x=='E')

{

page3();

closegraph();

exit(0);

}

}

void pass(int poly[14])

{

setfillstyle(1,LIGHTBLUE);

setcolor(LIGHTBLUE);

drawpoly(7,poly);

ellipse(605,20,0,360,20,10);

ellipse(525,20,0,360,20,10);

ellipse(565,20,0,360,20,10);

setfillstyle(1,YELLOW);

setcolor(YELLOW);

}

void select()

{

int polygon1[]={40,430,50,420,290,420,300,430,290,445,50,445,40,430};

int polygon2[]={300,430,310,420,575,420,585,430,575,445,310,445,300,430};

int polygon3[]={40,465,50,450,290,450,300,465,290,475,50,475,40,465};

int polygon4[]={300,465,310,450,575,450,585,465,575,475,310,475,300,465};

setcolor(RED);

setfillstyle(1,RED);

setlinestyle(1,0,15);

do

{

settextstyle(3,0,2);

setcolor(BLACK);

outtextxy(30,270,"LIFELINE TAKEN ALREADY");

x:

getmousepos(&button,&x1,&y1);

if(x1>=0&&x1<=300&&y1>=420&&y1<=445)

{

pass(polygon2);

pass(polygon3);

pass(polygon4);

drawpoly(7,polygon1);

}

else if(x1>=300&&x1<=585&&y1>=420&&y1<=445)

{

pass(polygon1);

pass(polygon3);

pass(polygon4);

drawpoly(7,polygon2);

}

else if(x1>=0&&x1<=300&&y1>=450&&y1<=475)

{

pass(polygon1);

pass(polygon2);

pass(polygon4);

drawpoly(7,polygon3);

/\*

putimage(50,425,arrow1,1);

putimage(330,425,arrow1,1);

putimage(50,455,arrow,1);

putimage(330,455,arrow1,1);

\*/

}

else if(x1>=300&&x1<=585&&y1>=450&&y1<=475)

{

pass(polygon1);

pass(polygon3);

pass(polygon2);

drawpoly(7,polygon4);

}

//select lifeline.................................

//50:50

else if(x1>=505&&x1<=545&&y1>=10&&y1<=30)

{

if(life1==1&&(button &1)==1)

{

settextstyle(3,0,2);

setcolor(YELLOW);

outtextxy(30,270,"LIFELINE TAKEN ALREADY");

goto x;

}

setcolor(YELLOW);

ellipse(525,20,0,360,20,10);

setcolor(LIGHTBLUE);

ellipse(605,20,0,360,20,10);

ellipse(565,20,0,360,20,10);

fiftyfifty();

goto x;

}

//Phone a friend

else if(x1>=545&&x1<=585&&y1>=10&&y1<=30)

{

if(life2==1&&(button &1)==1)

{

settextstyle(3,0,2);

setcolor(YELLOW);

outtextxy(30,270,"LIFELINE TAKEN ALREADY");

goto x;

}

setcolor(YELLOW);

ellipse(565,20,0,360,20,10);

setcolor(LIGHTBLUE);

ellipse(605,20,0,360,20,10);

ellipse(525,20,0,360,20,10);

phonefriend();

goto x;

}

//audience poll

else if(x1>=585&&x1<=625&&y1>=10&&y1<=30)

{

if(life3==1&&(button &1)==1)

{

settextstyle(3,0,2);

setcolor(YELLOW);

outtextxy(30,270,"LIFELINE TAKEN ALREADY");

goto x;

}

setcolor(YELLOW);

ellipse(605,20,0,360,20,10);

setcolor(LIGHTBLUE);

ellipse(565,20,0,360,20,10);

ellipse(525,20,0,360,20,10);

audiencepoll();

goto x;

}

}

while((button & 1)!=1);

}

void startscreen()

{

int x=getmaxx()/2;

int y=getmaxy()/2;

circle(x,y,y-40);

circle(x,y,187);

circle(x,y,134);

for(int i=0;i<10;i++)

{

setcolor(1);

circle(319,239,188+i);

circle(319,239,135+i);

for(int j=0;j<4;j++)

{

setcolor(WHITE);

circle(319,239,150+j);

}

delay(100);

}

setfillstyle(SOLID\_FILL,9);

floodfill(160,239,getmaxcolor());

floodfill(319,235,getmaxcolor());

settextstyle(0,0,3);

setcolor(WHITE);

delay(500);

outtextxy(145,180,"\*");delay(250);

outtextxy(160,150,"K");delay(250);

outtextxy(180,115,"A");delay(250);

outtextxy(215,87,"U"); delay(250);

outtextxy(250,67,"N"); delay(250);

outtextxy(285,63,"\*"); delay(250);

outtextxy(319,60,"B"); delay(250);

outtextxy(360,69,"A"); delay(250);

outtextxy(401,85,"N"); delay(250);

outtextxy(432,115,"E");delay(250);

outtextxy(460,150,"G");delay(250);

outtextxy(475,190,"A");delay(250);

setcolor(YELLOW);

settextstyle(0,0,5);

delay(250);

outtextxy(148,225,"CROREPATI");

setcolor(WHITE);

settextstyle(0,0,2);

outtextxy(221,285,"Presented By:");delay(500);

outtextxy(221,305," CSE-AI (C-2) ");delay(500);

settextstyle(0,0,1);

outtextxy(10,460,"PRESS ANY KEY TO CONTINUE ");

getch();

}

void askname()

{

settextstyle(0,0,1);

setcolor(7);

outtextxy(0,90,"WELCOME TO THE COMPUTER VERSION OF kaun banega crorepati");

outtextxy(0,115,"please enter your name : ");

char name[40];

gotoxy(30,8);

cin.getline(name,40);

outtextxy(0,150,"please enter your city : ");

char city[40];

gotoxy(30,10);

cin.getline(city,40);

sleep(1);

line();

sleep(1);

setcolor(7);

outtextxy(10,90,"LET'S WELCOME ");

outtextxy(270,110," FROM ");

setcolor(RED);

outtextxy(150,90,name);

outtextxy(320,110,city);

setcolor(LIGHTGREEN);

outtextxy(0,150,"# IMPORTANT INSTRUCTIONS - ");

sleep(1);

setcolor(LIGHTGRAY);

outtextxy(0,170,"1.USE THE MOUSE TO PLAY THE GAME. ");

sleep(1);

setcolor(LIGHTGREEN);

outtextxy(0,190,"- PLEASE CLICK AND HOLD THE LEFT MOUSE BUTTON TO SELECT.");

sleep(1);

setcolor(LIGHTGRAY);

outtextxy(0,210,"2.YOU HAVE 3 LIFELINES");

outtextxy(0,220,"(AS INDICATED ON THE UPPER RIGHT CORNER).");

sleep(1);

setcolor(LIGHTGREEN);

outtextxy(0,250,"- CLICK ON THE LIFELINES TO SELECT THEM.");

sleep(1);

setcolor(LIGHTRED);

outtextxy(0,270,"\* THE FILE KBC.TXT IS AN EVER EXPANDABLE QUESTION BANK..");

outtextxy(0,280,"PLEASE STICK ON TO THE FORMAT USED IN THE FILE WHILE.. ");

outtextxy(100,290,"EXPANDING THE QUESTION BANK" );

setcolor(WHITE);

delay(500);

settextstyle(0,0,1);

outtextxy(0,325,"PRESS ANY KEY TO CONTINUE.... ");

getch();

line();

settextstyle(BOLD\_FONT,0,1);

}

void phonefriend()

{

settextstyle(3,0,2);

setcolor(BLACK);

outtextxy(30,270,"LIFELINE TAKEN ALREADY");

if(((button &1)==1)&&life2==0)

{

hidemouseptr();

setcolor(LIGHTBLUE);

settextstyle(0,HORIZ\_DIR,2);

outtextxy(30,250,"PHONE A FRIEND ....... ");

sleep(1);

outtextxy(30,280,"AND ....... ");

sleep(3);

outtextxy(30,300,"YOUR TIME STARTS.....NOW ");

sleep(1);

line();

setcolor(LIGHTGRAY);

setfillstyle(2,RED);

circle(300,200,100);

char arc[10];

settextstyle(0,HORIZ\_DIR,5);

int x=0;

setfillstyle(1,DARKGRAY);

for(int i=0;i<=30;i++)

{

setcolor(BLACK);

itoa(i,arc,10);

setcolor(BLUE);

if(i>=10)

x=25;

outtextxy(280-x,180,arc);

sleep(1);

setcolor(BLACK);

outtextxy(280-x,180,arc);

}

life2=1;

setcolor(YELLOW);

settextstyle(3,HORIZ\_DIR,3);

outtextxy(0,315,"YOUR TIME ENDS HERE.CLICK AN ANSWER");

sleep(3);

line();

showmouseptr();

}

}

void fiftyfifty()

{

settextstyle(3,0,2);

setcolor(BLACK);

outtextxy(30,270,"LIFELINE TAKEN ALREADY");

randomize();

int r1=0,r2=0;

if(((button &1)==1)&&life1==0)

{

setcolor(LIGHTBLUE);

settextstyle(0,HORIZ\_DIR,2);

outtextxy(30,250,"50:50 LIFELINE ");

sleep(1);

outtextxy(0,270,"TWO WRONG CHOICES WILL");

outtextxy(280,290,"BE ELIMINATED");

sleep(1);

line();

if(correctans[0]=='a')

{

while(r1==0||r2==0||r1==r2)

{

r1=random(4);

r2=random(4);

}

}

if(correctans[0]=='b')

{

while(r1==1||r2==1||r1==r2)

{

r1=random(4);

r2=random(4);

}

}

if(correctans[0]=='c')

{

while(r1==2||r2==2||r1==r2)

{

r1=random(4);

r2=random(4);

}

}

if(correctans[0]=='d')

{

while(r1==3||r2==3||r1==r2)

{

r1=random(4);

r2=random(4);

}

}

setcolor(BLACK);

setfillstyle(1,BLACK);

int poly1[]={40,430,50,420,290,420,300,430,290,445,50,445,40,430};

int poly2[]={300,430,310,420,575,420,585,430,575,445,310,445,300,430};

int poly3[]={40,465,50,450,290,450,300,465,290,475,50,475,40,465};

int poly4[]={300,465,310,450,575,450,585,465,575,475,310,475,300,465};

if(r1==0)

fillpoly(7,poly1);

else if(r1==1)

fillpoly(7,poly2);

else if(r1==2)

fillpoly(7,poly3);

else if(r1==3)

fillpoly(7,poly4);

if(r2==0)

fillpoly(7,poly1);

else if(r2==1)

fillpoly(7,poly2);

else if(r2==2)

fillpoly(7,poly3);

else if(r2==3)

fillpoly(7,poly4);

life1=1;

}

}

void audiencepoll()

{

settextstyle(3,0,2);

setcolor(BLACK);

outtextxy(30,270,"LIFELINE TAKEN ALREADY");

randomize();

int r1=0,r2=0,r3=0,r4=0;

if(((button &1)==1)&&life3==0)

{

hidemouseptr();

setcolor(LIGHTBLUE);

settextstyle(0,HORIZ\_DIR,2);

outtextxy(30,250,"AUDIENCE POLL ");

sleep(2);

line();

if(correctans[0]=='a')

{

while(r1<r2||r1<r3||r1<r4||r1+r2+r3+r4!=100)

{

r1=random(100);

r2=random(100);

r3=random(100);

r4=random(100);

}

}

else if(correctans[0]=='b')

{

while(r2<r1||r2<r3||r2<r4||r1+r2+r3+r4!=100)

{

r1=random(100);

r2=random(100);

r3=random(100);

r4=random(100);

}

}

else if(correctans[0]=='c')

{

while(r3<r1||r3<r2||r3<r4||r1+r2+r3+r4!=100)

{

r1=random(100);

r2=random(100);

r3=random(100);

r4=random(100);

}

}

else if(correctans[0]=='d')

{

while(r4<r1||r4<r2||r4<r3||r1+r2+r3+r4!=100)

{

r1=random(100);

r2=random(100);

r3=random(100);

r4=random(100);

}

}

char r11[20];

char r22[20];char r33[20];char r44[20];

itoa(r1,r11,10);

itoa(r2,r22,10);

itoa(r3,r33,10);

itoa(r4,r44,10);

setcolor(YELLOW);

bar(240,150-r1,260,150);

bar(265,150-r2,280,150);

bar(285,150-r3,300,150);

bar(305,150-r4,320,150);

settextstyle(0,0,1);

setcolor(GREEN);

outtextxy(240,152,"A B C D");

outtextxy(240,140-r1,r11);

outtextxy(265,140-r2,r22);

outtextxy(285,140-r3,r33);

outtextxy(305,140-r4,r44);

setcolor(RED);

rectangle(230,30,330,175);

life3=1;

f3=1;

setcolor(YELLOW);

settextstyle(1,0,2);

outtextxy(0,250,"Press any key on the keyboard to continue..");

showmouseptr();

getch();

line();

}

**Conclusion of the Project KBC Quiz System:**

Our project is only a humble venture to satisfy the needs to manage their project work. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

**At the end it is concluded that we have made effort on following points…**

* A description of the background and context of the project and its relation to work already done in the area.
* Made statement of the aims and objectives of the project.
* The description of Purpose, Scope, and applicability.
* We define the problem on which we are working in the project.
* We describe the requirement Specifications of the system and the actions that can be done on these things.
* We understand the problem domain and produce a model of the system, which describes operations that can be performed on the system.
* We included features and operations in detail, including screen layouts.
* We designed user interface and security issues related to system.

