Multiple Choice Quiz System

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Group No   : 03

Course   : OBJECT ORIENTED PROGRAMMING 1 (JAVA)

Section   : G

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Multiple Choice Quiz System

User Category:

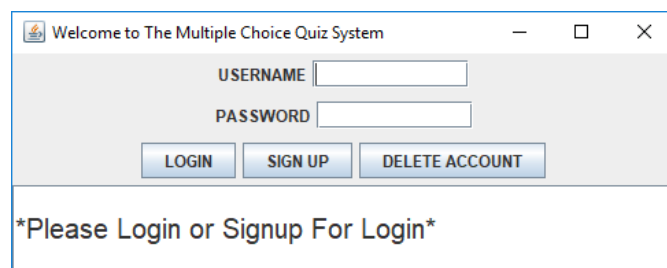There is one type of User here. It is:

- Student

Feature List:

In this project the "Student" has the following features:

- The student can sign in (Registration) to the System.
- They can login to the System and participate the Quiz.
- They can see their total Marks after completion.
- Can choose the subject they want to give quiz.

  1. BANGLADESH   2. TECHNOLOGY
  3. SPORTS   4. GENERAL KNOWLEDGE

- They can participate in multiple subjects, for this has to login again.
- A student can be deleted as well as a question can be updated by the database table.
- They can "Skip" one question & no negative marking.
- They can come back to the Question which they did not answer earlier by " Prev" Button. And go to the next question of the category by "Next" button.
- The Students can keep an eye on the clock because, a clock is added to all the frames of the questions to make the students aware of the time remaining.

GUI Description:

Multiple Choice Quiz System

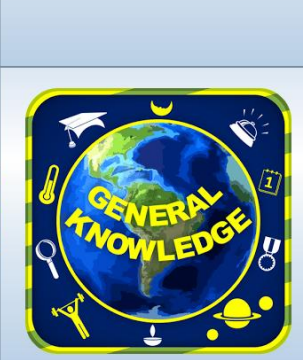# Multiple Choice Quiz System

Database Table Description:

Student_Info

id	name	password	type
458	Anna	1234	1
244	Alexa	7878	1
115	Sajid	456	1
361	Meem	7890	1
440	Nishi	3490	1

Bangladesh

q_des	opt_1	opt_2	opt_3	opt_4	ans	q_id
1. The independence day	a. 16th Dec	b. 21st February	c. 26th March	d. 15th August	c. 26th March	1
2. Father of the Nation	a. Che Guevara	b. Sheikh Mujib	c. Mahatma Gandhi	d. Abraham Lincoln	b. Sheikh Mujib	2
3. National Food	a. rice & curry	b. Steam rice	c. Noddles	d. Bread & meat	a. rice & curry	3
4. The Official name of the country	a. Democracy of Bengal	b. Kingdom of BangladeshChemical	c. People's Republic of Bangladesh	d. Bangladesh Republic	c. People's Republic of Bangladesh	4
5. Name of the port Capital	a. Chattagram	b. Khulna	c. Barishal	d. Chadpur	a. Chattagram	5
6. Which industry is Growing fast	a. Fabric and garments	b. Machine & Engine	c. Software & IT	d. Chemical & Pharmaceuticals	a. Fabric and garments	6
7. Color of the national Flag	a. Blue and red	b. red and green	c. Cyan and yellow	d. white and purple	b. red and green	7
8. First heavy metal band in Bangladesh	a. FeedBack	b. Black	c. Warfaze	d. Souls	c. Warfaze	8
9. The name of currency	a. taka	b. dollar	c. rupee	d. Bath	a. taka	9
10. Independence From the Supervision of	a. USA	b. Britain	c. Pakistan	d. Spain	c. Pakistan	10

American International University-Bangladesh (AIUB)

Multiple Choice Quiz System

Sports

q_des	opt_1	opt_2	opt_3	opt_4	ans	q_id
1. Which country is the football worldcup champion...	a. Spain	b. France	c. Brasil	d. Germany	b. France	1
2. Tiger Woods is the name of an American	a. baseball player	b. soccer player	c. arm wrestler	d. golf player	d. golf player	2
3. Bangladesh won their first test match against?	a. Australia	b. Windies	c. Zimbabwe	d. South Africa	c. Zimbabwe	3
4. Who is the current ballon D'or holder?	a. Hames Rodriguez	b. Ivan Rakitic	c. Raheem Sterling	d. Luka Modric	d. Luka Modric	4
5. The term love is related to	a. tennis	b. Cricket	c. Hockey	d. Badminton	d. Badminton	5
6. The name of the head coach of Bangladesh team?	a. Steve Rhodes	b. Jason Gillespe	c. Micky Arthur	d. Neil Mackenzie	a. Steve Rhodes	6
7. What is the name of the home ground of Chelsea ...	a. Anfield	b. Allianz Arena	c. Stamford Bridge	d. Etihad stadium	c. Stamford Bridge	7
8. Who is physically challenged ?	a. Oscar Pistorious	b. Mark Callowe	c. Park ji sung	d. Obe Mikele	a. Oscar Pistorious	8
9. which team won the Football worldcup most ?	a. Italy	b. Germany	c. Brasil	d. Uruguay	c. Brasil	9
10. Most grand slams	a. Rafael Nadal	b. Novak Djakovic	c. Andy Murray	d. Roger federer	d. Roger federer	10

Technology

q_des	opt_1	opt_2	opt_3	opt_4	ans	q_id
1.In which decade was the American Institute of El...	a.1850s	b.1880s	c.1930s	d.1950s	b.1880s	1
2.What is the part of a database that holds only o...	a. Report	b. Field	c. Record	d. File	b. Field	2
3. 'OS' computer abbreviation usually means	a. Order of Significance	b. Open Software	c. Operating System	d. Optical Sensor	c. Operating System	3
4. In which decade with the first transatlantic ra...	a. 1850s	b. 1860s	c. 1870s	d. 1900s	d. 1900s	4
5. 'MOV' extension refers usually what kind of fil...	a. Image file	b. Animation/movie file	c. Audio file ...	d. MS office document	b. Animation/movie file	5
6. In which decade was the SPICE (Simulation Progr...	a. 1950s	b. 1960s	c. 1970s	d. 1980s	c. 1970s	6
7. Which is a type of Electrical Erasable Programm...	a. Flash	b. Flange	c. Fury	d. FRAM	a. Flash	7
8. The purpose of choke of tube light?	a. To decrease the current ...	b. To increase the current	c. to decrease the voltage momentarily	d. To increase the voltage momentarily	d. To increase the voltage momentarily	8
9. '.MPG' extension refers usually to what kind ...	a. WordPerfect Document file	b. MS office document	c. Animation/movie file	d. Image file	c. Animation/movie file	9
10. Who developed Yahoo?	a. Dennis Ritchie & Ken Thompson	b. David Filo & Jerry Yang	c. Vint Cerf & Robert Kahn	d. Steve Case & Jeff Bezos	b. David Filo & Jerry Yang	10

General_Knowledge

q_des	opt_1	opt_2	opt_3	opt_4	ans	q_id
1.Who stepped first on the moon?	a.Neil Armstrong	b.Buzz Aldrin	c.Alan Bean	d.Edgar Mitchell	a.Neil Armstrong	1
2.When the united nation formed?	a.1956	b.1942	c.1945	d.1948	c.1945	2
3.What is the currency of Japan?	a.Yen	b.Pound	c.Doller	d.Euros	a.Yen	3
4.What is the capital of Afghanistan?	a.Kabul	b.Islamabad	c.Riyadh	d.Tehran	a.Kabul	4
.In which country the next Olympic Games will be h...	a.Russia	b.Greece	c.Korea	d.China	c.Korea	5
6.Who is the founder of Nobel Prize?	a.John F. Kennedy	b.Elihu Root	c.Mother Teresa	d.Alfred B. Nobel	c.Mother Teresa	6
7.Who Invented the base Computer?	a.Charles Babbage	b.William Oughtre	c.Nepoleon Bonaparte	d.Steve Jobs	a.Charles Babbage	7
8. What is the basic principle of Miss Universe Co...	a.beauty and power	b.power and brain	c.beauty and brain	d.beauty and knowledge	c.beauty and brain	8
9. Which planet has the feeling that sun rises in ...	a.Venus	b.Pluto	c.Mars	d.Earth	a.Venus	9
10.Who is the current president of USA?	a. Hillary Clinton	b. Barack Obama	c.Donald Trump	d. George W. Bush	c.Donald Trump	10

Impact of this Project:

The students can participate in the quiz and test their knowledge. However, the teachers can give this sort of software among the students and take their quiz. That may help in the country's education system as education is the parameter of a nation's development.

Also, if we are capable of enabling the teachers to add the questions making a significant 'slot' for them to add and replace questions, this software can be used broadly in the educational institutes.

Thus, this may help in the education, society proportionately as it can make a massive revolution in the nation's economy as a consequence.

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Limitations and Possible Future Improvements:

Could not make the User of a teacher who can see the Students marks and give comments/remarks for time limits. So, no data table for a teacher / observer was created in the code. In future, we want to settle that as well.
Also, we want to store or save the obtained marks of a Student in the database and she/ he can see that beside the name.
Also, we had a vision of developing a class that will show the clock in the frame and it will be set to a time bound. Then, the user may not be able to continue the exam if the time finishes. The clock will be always visible. But, in the end we managed it by the directions and order of our honorable course teacher.
The students can see their marks after the exam. But, they cannot see their previous quiz marks here. Also has to login again if they want to participate in another category of quiz.
In future we want to add more features and functionalities to the system and that may help the students who want to testify their knowledge.