**CHITKARA UNIVERSITY**

**LAB EVALUATION PROJECT**

PROJECT DETAILS TEMPLATE

|  |  |
| --- | --- |
| Group Name | **Group 08** |
| **Name** | **HARSHIT KUKREJA** |
| Roll NO. | **2210990387** |
| Project Title | QUIZEREA |
| High level Approach to be followed: | ROUND1  A) Function Defining   * The function named “check\_guess” for the attemptation and scoring of quiz questions is defined in the system. * Function defined contains the following points:  1. Score variable is globalled 2. Contains flag “still\_guessing = True”. 3. If user defined guess and the actual answer of the question are the same, then score is incremented by 1 and flag “still\_guessing” becomes False. 4. But if user defined guess and the actual answer do not match, then attempt is incremented upto 3 attempts and guess is checked. 5. When all the three attempts are done, then score remain 0 and correct answer is printed.   B) Data Enlistment   * Information about all the candidates is enlisted.   C) Question Asking   * Function is called every time to ask the questions in Round1 and finally the score of each candidate is calculated.   D)Round 1 Result Declaration   * 2-D list is created which contains lists in which name and score of each candidate is available. * Using FOR loops result of each candidate is printed.   ROUND2   1. Function Defining  * The function named “check\_guess2” is defined for the attemptation and scoring of quiz questions in the system. * Function defined contains the following points:  1. Score variable is globalled. 2. Contains flag “still\_guessing=True”. 3. If user defined guess and the actual answer of the questions are the same, then score is incremented by 1 and flag “still\_guessing” becomes false. 4. But if user defined guess and actual answer do not match, then attempts are available on the user’s choice. 5. If user press “1”, then attempt is available, otherwise score remains 0. 6. On availability of each attempt, 0.5 mark is deducted in the score. 7. On each attempt, guess is checked again. If guess matches with actual answer 0.5 mark is awarded, else 0.5 mark is deducted as negative marking. At the end, Correct answer is printed   B) Candidates Selection  Those candidates who have scored 3 or more than 3 out 0f 5 in Round1 are being selected for round 2.  C)Question Asking  Function “check\_guess2” is called every time to ask questions in Round 2 and finally the score of each selected candidate is printed.  D)Round 2 Result Declaration   * 2-D list is created which contains lists in which name and score of each candidate is available. * Using FOR loops result of each candidate is printed.   E) Winner Declaration  Maximum marks scored in Round 2 is compared with score of every selected candidate and finally the name of winner is printed |
| Lower-level Approach to be followed: | User case1:   * 1. Enter the number of participants attempting the quiz.   2. Enter name of each participant.  1. Each participant would attempt the quiz. 2. Score of each candidate will be displayed.   CHECK\_GUESS1    User Case 2:   * Each candidate with marks more than or equal to 3 in Round 1 are selected for round 2 * Selected candidates would attempt Round 2 with different marking scheme * Score of each candidate would be displayed.   CHECK\_GUESS2    User case 3   * At the end, Name of winner/s is declared   Overall Flow chart: |
| Output of the project: |  |
| Advantage of the project with applicability: | * Students are being actively engaged in subject material. * Quizzes can increase students' motivation. * Quizzes can help students to recall information and get better grades. * Fun online quizzes can reduce students' stress. * Quizzes increases the sense of competition. |
| Schedule for implementing the user case | |  |  | | --- | --- | | **Deliverable** | **Expected Date of Completion** | | Input for the quiz questions Round1 | 27th November,2022 | | Selected Participation in Round 2 | 16th December, 2022 | | Winner Declaration | 17th December,2022 | |
| Future scope of the project | * Quizerea features can be further enhanced by introducing more levels into it. * More features like timings, stop watch can also be introduced. * Ranks of the children can be displayed also. * Different sets of questions randomly or on choice based can be introduced to every candidate. * Questions on area of interest can also be available. |

**DOCUMENT HISTORY:**

|  |  |
| --- | --- |
| Created By | Harshit Kukreja |
| Approved By | Ms. Leema Nelson Mam |
| Month of Creation | December |