

About the Quiz Game

1.Table of contents

- 1.1 Introduction
- 1.2 Quiz game developed in c
- 1.3 Features of the quiz

2.Requirements

- 2.1 High Level Requirements
- 2.2 Low Level Requirements

3.4WS & 1H

4.Architecture

5.SWOT Analysis

6.Test Plan and Output

7.Objectives

- 7.1 Administrative features
- 7.2 Future Developments

8.Othres

- 8.1 Features

Introduction:

A quiz is a form of game or mind sport in which players attempt to answer questions correctly about a certain or variety of subjects.

Quizzes can be used as a brief assessment in education and similar fields to measure growth in knowledge, abilities, or skills.

Quiz Game developed in C:

- This program will maintain a list of random questions & options.
- According to the answer given by the user it will check with the true answers.
- After checking true answers, it will display the result by true or false with grades.
- If false then there is negative marking in the game & if true then the grades/score will be incremented.

Features of the quiz:

- All questions are multiple choice question.
- Each question is displayed.
- Questions are displayed same for every user.
- If the user by-mistake presses refresh or go back.
- A message will be displayed after every attempted question whether the answer was correct or incorrect.
- If the question is correct they will get the +5 points and the question will wrong no points will given to them.
- At the end result will be displayed with final score and stars how many won.

Requirements:

High Level Requirements:

HRL-1	It should be general Knowledgeable questions
HRL-2	It should be no time limit for every question to answer
HRL-3	It must be available in all genres
HRL-4	It should be graded based that it helps for the users to identify their knowledge
HRL-5	It should be users gets points for every correct answer

Low Level Requirements:

LLR-1	It should be reduce the delay for records updation after completion of game
LLR-2	It should be user friendliness in all possible ways
LLR-3	It should be in maintainance changes easy
LLR-4	It is possible to use in schools,colleges,Institutions,and so many places
LLR-5	It should be no negative marking

4Ws and 1H:

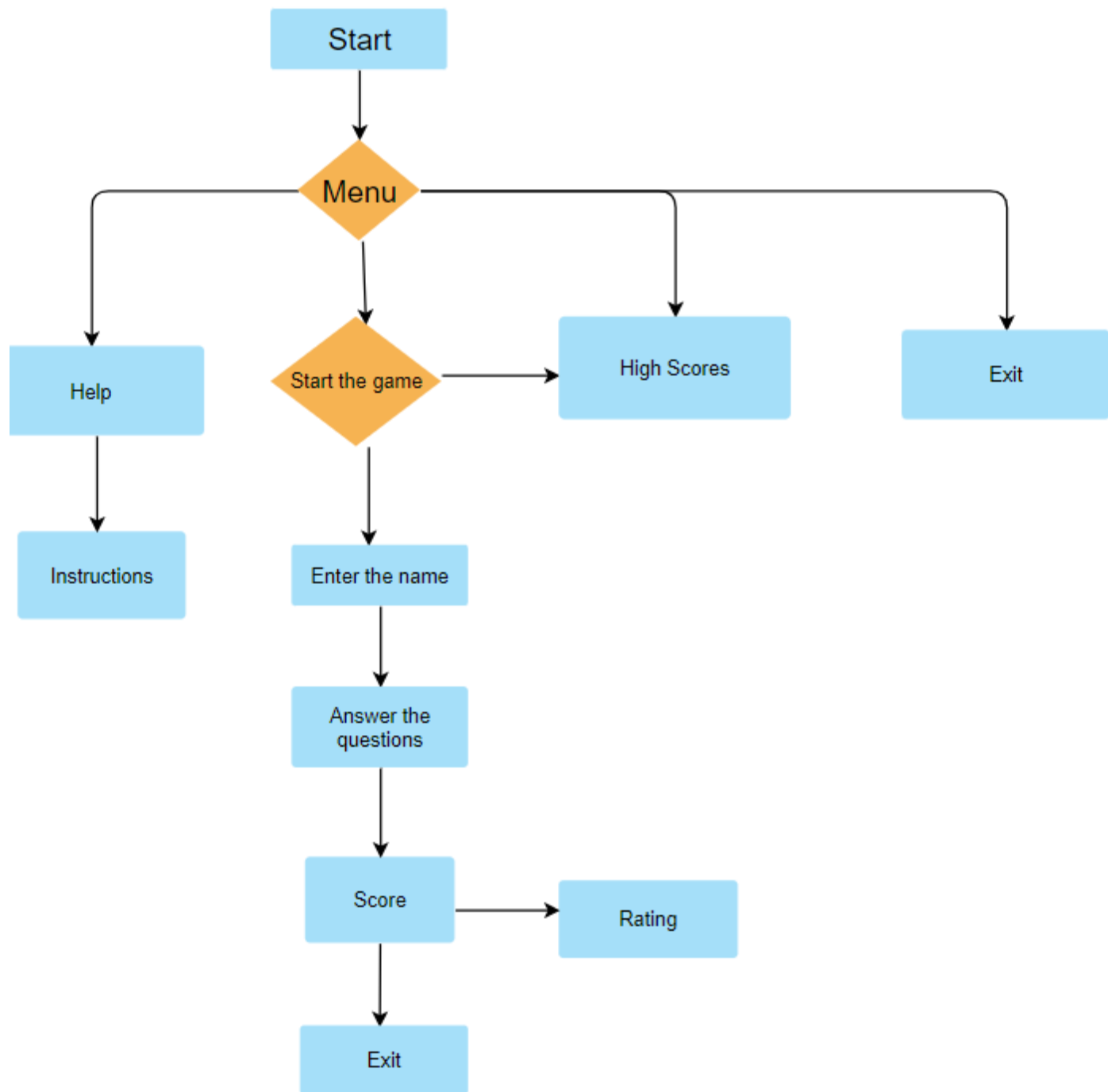
4WS:

W-1	It shold be used in schools, colleges,Institutions,and many more places.
W-2	It can be used as a brief assessment in education and similar fields to measure growth in knowledge, abilities, or skills.
W-3	There is no paticular time to play this game.
W-4	A quiz is a form of game or mind sport in which players attempt to answer questions correctly about a certain or variety of subjects.

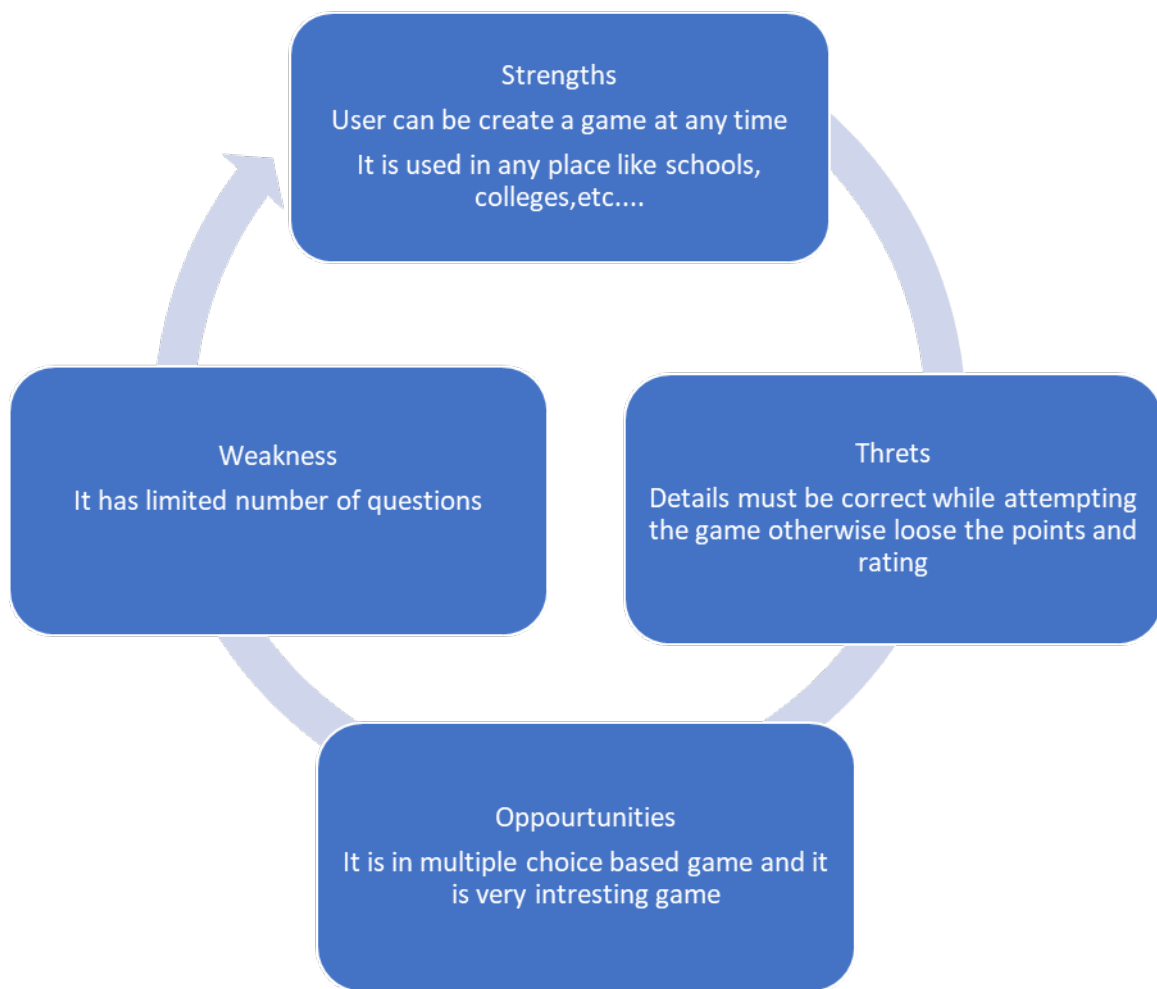
1H:

- All questions are multiple choice question.
- Each question is displayed.
- Questions are displayed same for every user.
- If the user by-mistake presses refresh or go back.
- A message will be displayed after every attempted question whether the answer was correct or incorrect.
- If the question is correct they will get the +5 points and the question will wrong no points will given to them.
- At the end result will be displayed with final score and stars how many won.

Architecture:



SWOT Analysis:



Testplan and output:

```

Press 1 to start the game
2 to see high scores
3 to see game help
0 to exit : 1
error opening file

Please enter your name: gfgfgf
***** Welcome " gfgfgf " to C Quiz Game *****

Q(1).Which of the following billionire went to space in 2021
1.Jeff Bezos          2.Benard arnault
3.Elon Musk           4.none of these

Your answer:

Q(7). What anniversary is the Harry Potter film franchise celebrating in 2021?
1.10th  2.20th
3.30th  4.25th

Your answer: 2
Correct! +5 points

Q(8). In 2021, who was the first woman of color to win an Oscar for Best Director
1.Chlo0 Zhao for Nomadland    2.Kelly Reichardt for First Cow
3.Regina King for One Night in Miami  4.Lorene Scafaria for Hustlers

Your answer: 2
Wrong answer! Correct answer is 1.Chlo0 Zhao for Nomadlandt

Q(9). Epsom (England) is the place associated with
1.Horse racing  2.Polo
3.Shooting      4.Snooker

Your answer: 2
Wrong answer! Correct answer is 1.Horse racing

Q(10).How many new IPL teams are joining in 2022 IPL league?
1.2    2.1
3.3    4.4

Your answer: 2
Wrong answer! Correct answer is 1.2

Thanks for playing, Your scored: 25 points      Rating: * * *

```

Objectives to proposed the quiz game:

- To reduce workload of staff or students.
- To reduce the delay in processing time.
- To reduce the delay in records updation.
- To provide the user-friendliness in all possible ways.
- To provide greater flexibility.

Administrative features:

- a) Only admin can add questions.
- b) Admin can add questions and modify them until they are not marked as Has been published?
- c) Once a question has been published, it can neither be modified nor can be accessed. Admin can only
- d) see a list of questions.
- e) Admin can search questions by question text or choice text.
- f) Admin can filter questions based on whether the questions have been published or not.

Future Development:

- a) Timer in Quiz
- b) For All Questions only 1 File
- c) Display write & wrong answers of every questions at the end.
- d) Advanced algorithms & better interface.
- e) Save per users details along with his final score in a file.

Others:

Features:

- a) Educational (General knowledge).
- b) Added comments above code so it will help you understand code much better
- c) Correct answer +5 coin and rating
- d) No time limit
- e) Random questions at each play
- f) Good and Extensible.
- g) Can be played every one.