



SANJAY GHODAWAT UNIVERSITY

Kolhapur

Established under section 2(f) of UGC Act 1956

Sanjay Ghodawat University Act XL of 2017 of Govt. Maharashtra

Approved by PCI, COA & AICTE

PROJECT SYNOPSIS On **“QUIZ GAME”**

A synopsis submitted in partial fulfilment of the requirements for the School of
Computer Science and Engineering

By

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Shravani Khanbare	(22SC114281027)

Program: Bachelor of Computer Science and Engineering

Class: SY B.Tech

Under Supervision
of

Mrs. Veena Mali

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School of Computer Science and Engineering
A.Y 2023-24



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CERTIFICATE PROJECT SYNOPSIS

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Is work done by him/her and submitted during academic year 2023-24, in
partial fulfilment of the Project Synopsis.

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INTRODUCTION

- Welcome to the world of "Quiz Challenge"! This innovative game invites you to learn and master in any subject through an engaging and interactive experience.
- Whether you're a beginner eager to grasp the fundamentals or an experienced programmer looking to sharpen your skills, this game offers a fun and effective way to explore the world of Knowledge.
- Get ready to embark on a journey of learning, competition, and self-discovery as you navigate through a series of intriguing quizzes and activities.

OBJECTIVES

- **Test Knowledge:** The primary objective of a quiz game is to test players' knowledge on a specific topic or a range of subjects. The game should challenge players' understanding, memory, and critical thinking skills.
- **Educate and Inform:** In addition to testing knowledge, a quiz game can aim to educate and inform players about various topics. It should provide interesting facts, explanations, and insights related to the questions and answers.
- **Engage and Entertain:** The game should be engaging and entertaining to keep players hooked. It should have interactive elements, engaging visuals, and perhaps a competitive element to make the experience enjoyable.
- **Encourage Learning:** While players compete to answer questions correctly, the quiz game should encourage learning. Players should be motivated to improve their knowledge base and seek accurate information to perform better in the game.
- **Enhance Critical Thinking:** A well-designed quiz game should include questions that require critical thinking, problem-solving, and deduction. This helps players develop their analytical skills.
- **Offer Difficulty Levels:** Depending on the target audience, a quiz game can offer different difficulty levels, catering to both beginners and experts. This objective ensures that players of varying knowledge levels can enjoy the game.
- **Provide Feedback:** The game should offer feedback on players' answers, explaining why a particular answer is correct or incorrect. This helps players learn from their mistakes and understand the concepts better.

EXISTING SYSTEM

1. **Test Knowledge:** The primary objective of a quiz game is to test players' knowledge on a specific topic or a range of subjects. The game should challenge players' understanding, memory, and critical thinking skills.
2. **Educate and Inform:** In addition to testing knowledge, a quiz game can aim to educate and inform players about various topics. It should provide interesting facts, explanations, and insights related to the questions and answers.
3. **Engage and Entertain:** The game should be engaging and entertaining to keep players hooked. It should have interactive elements, engaging visuals, and perhaps a competitive element to make the experience enjoyable.
4. **Encourage Learning:** While players compete to answer questions correctly, the quiz game should encourage learning. Players should be motivated to improve their knowledge base and seek accurate information to perform better in the game.
5. **Enhance Critical Thinking:** A well-designed quiz game should include questions that require critical thinking, problem-solving, and deduction. This helps players develop their analytical skills.
6. **Offer Difficulty Levels:** Depending on the target audience, a quiz game can offer different difficulty levels, catering to both beginners and experts. This objective ensures that players of varying knowledge levels can enjoy the game.

LIMITATIONS

1. **Limited Topics:** Most quiz game systems focus on a set of predefined topics or categories. This limitation can result in a lack of variety for players who are interested in niche or less common subjects.
2. **Static Content:** The questions and answers in quiz game systems are typically static and predefined. This means that players may eventually exhaust the available questions, leading to a decrease in engagement over time.
3. **Accuracy of Information:** The accuracy of questions and answers depends on the quality of content provided by the developers. Incorrect or outdated information can lead to misinformation being spread among players.
4. **Repetitive Gameplay:** If a quiz game system has a limited pool of questions, players might encounter the same questions repeatedly. This can diminish the game's appeal and challenge for experienced players.
5. **Lack of Depth:** Quiz games often prioritize quick and simple gameplay, which might not satisfy players seeking a deeper or more strategic gaming experience.
6. **Single-Player Dominance:** In some quiz game systems, single-player gameplay might be more engaging or popular than multiplayer modes. This can limit the social and competitive aspects of the game.

PROPOSED SYSTEM

Educational Insights: After each question, players receive detailed explanations of the correct answers, fostering learning through understanding.

Diverse Question Database: Quiz Quest boasts an extensive and regularly updated question database spanning various categories, ensuring a diverse and engaging gameplay experience.

Regular Updates: The system receives regular updates with new questions, features, and improvements based on player feedback.

TECHNOLOGY USED

- **SOFTWARE REQUIREMENTS**

- o Dev C ++

- **HARDWARE REQUIREMENTS**

- o 4 GB RAM o 500 GB HDD
- o i3 processor

METHODOLOGY

ALGORITHM :

Step 1 : START

Step 2 : Display Quiz Game

Step 3 : Press Enter to start the quiz

Step 4 : Enter personal details

Step 5 : Are you ready to take the quiz {condition (YES / NO) }

Step 6 : If **yes** Ask the question

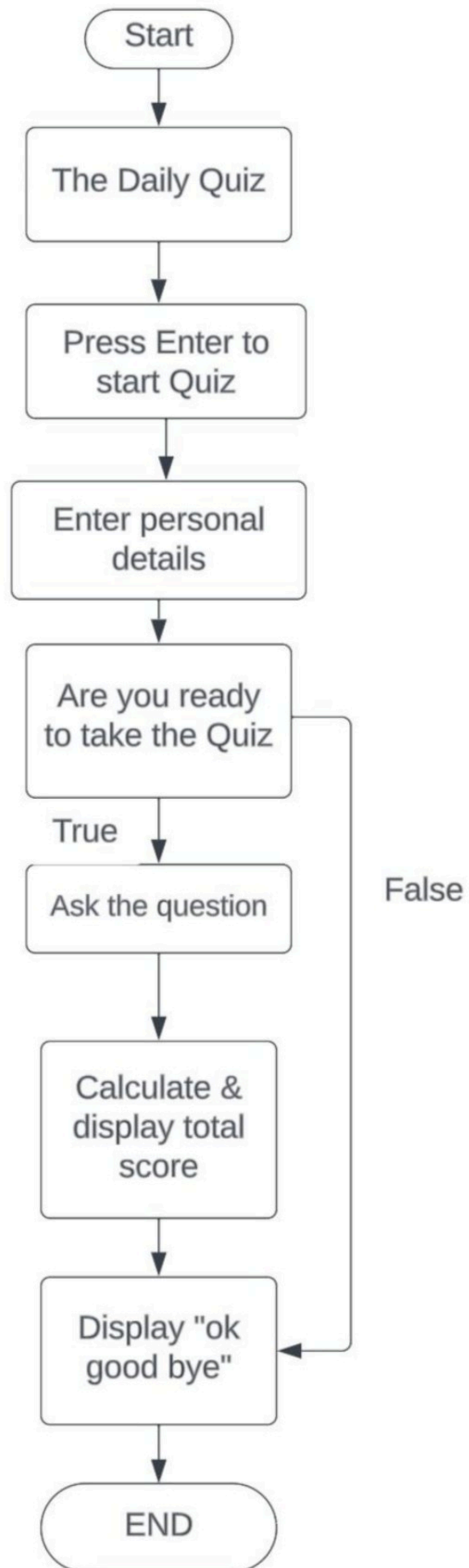
Step 7 : Calculate the total score

Step 8 : Display pass or fail

Step 9 : If condition is false then it will display “ OK GOOD BYE ”

Step 10 : END

FLOWCHART



EXPECTED OUTCOMES

- **Educational Growth:** Players can expand their knowledge across various subjects as they engage with the diverse question database and receive detailed explanations for correct answers.
- **Enhanced Critical Thinking:** The dynamic difficulty system and challenging questions promote critical thinking and problem-solving skills among players.
- **Entertainment and Relaxation:** Players can enjoy a mix of entertainment and relaxation, whether they're aiming for a quick solo match or an intense multiplayer showdown.

REFERENCE

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