

2. Background information

The trivia and riddles learning game is designed to change the way students engage with their study material. It aims at making learning more enjoyable and productive by combining the excitement of gaming with effective learning strategies.

This game is aimed at students of all ages and educational levels who wish to improve their learning, seeking a fun way into studying or reviewing the material.

Through gameplay and interactive challenges, the game aims to help players or students improve their memory, critical thinking skills and subject comprehension. They will gain a deeper understanding of their study material by completing the tests and quizzes, while having fun listening to jokes and solving riddles.

The game deals with questions on a wide range of topics, such as mathematics, physics and life sciences, riddles and some funny jokes. By giving players an opportunity to select the topics they want to focus on, learning experiences can be customized. The players will also have the opportunity to select from a selection of options, where one answer can be chosen for each question. Points will also be awarded to players so that they can keep an eye on their progress.

With its innovative approach to studying and its engaging gameplay mechanics. The game offers a unique and effective solution for students seeking to enhance their academic performance and enjoyment of learning.

3. Problem Statement

Many students face difficulties in learning effectively and engagingly, which leads to a lack of motivation leading to lower academic achievement. Traditional study methods often lack interactivity and fail to capture student's interest, resulting in disengagement and frustration.

To respond to these challenges, it is necessary to find a solution combining the enjoyment of gaming with effective learning strategies to produce an exciting and efficient educational experience. This solution should cater to diverse learning styles and academic levels, providing customizable options for students to focus on specific subjects. By addressing these issues, students can enhance their motivation to study. Which will lead to improved academic outcomes and a more enjoyable learning experience.

