

ABSTRACT

In recent years, educational technology has experienced significant innovation, with gamified learning emerging as a promising approach to engage and motivate learners. Our application is a gamified learning platform that combines educational content with game mechanics to create an interactive and immersive learning experience. Through rewards, challenges, and leaderboards the app encourages users to stay motivated and strive for excellence. The project involves the development of a game-based learning environment that leverages enjoyable activities to facilitate the acquisition of new skills among students. By incorporating leaderboards and a points system, the initiative seeks to motivate students and elevate the quality of learning within student communities, even those comprising individuals with disabilities. The overarching objective is to create a dynamic learning atmosphere that accommodates diverse learning styles, encourages the development of a sense of friendly competition, and ensures an equitable opportunity for every student to actively participate. The goal is to create an engaging and accessible educational platform that not only improves learning outcomes but also boosts confidence among students.