Feasibility Report

Title: Feasibility Study for an 11+ Exam GL Board Preparation Support Application

1. Introduction/Executive Summary

This feasibility study examines the potential for developing an innovative web-based application tailored specifically to assist tutors and parents for the GL 11+ exam preparation, a pivotal assessment for grammar school admission in the UK. The primary objective is to evaluate the viability of this project, considering its technical aspects.

Initially, the proposed application aims to assist parents and tutors by providing features like generating practice tests tailored to students' needs. In the second phase, it will introduce a parental dashboard, offering insights into the child's learning progress to empower parents and tutors.

The scope of the project involves the understanding stakeholders' needs, identifying and analysing the resources required for successful implementation.

The project has strong potential due to the increasing reliance on digital learning platforms, the high stakes of the 11+ exam, and the willingness of parents to invest in their children's education.

2. Background

As an experienced parent who has navigated this preparation process first hand, I observed several challenges that many parents face, especially those preparing their child for the 11+ exam for the first time.

During my journey of preparing my child for this exam, it became evident that a large portion of parents felt overwhelmed and lost. Despite the abundance of online resources and documentation, the lack of clear, consolidated guidance on how to start the preparation process was a common issue.

Parents frequently expressed confusion about the exam's syllabus, the topics that needed to be covered, and the most effective methods to prepare their children. This lack of clarity often leads to inefficiencies and unnecessary stress for both parents and students. Without a structured plan or reliable guidance, many parents struggle to identify appropriate study materials, leaving their child's preparation incomplete or inconsistent.

3. Outline of Project

The proposed application is envisioned as a multi-phase project, with each phase focusing on delivering key functionalities that address the challenges of 11+ exam preparation. At its core, the application will prioritize the development of an **AI-powered worksheet generator.** This feature will enable parents/tutors to:

1. **Practice Test Generator:** Generate practice materials tailored to the student's individual needs.
   - These tests will be configurable based on topics and difficulty levels, giving parents and students control over their practice sessions.
   - Ensure alignment with the GL Assessment syllabus and exam format.

2. **Customizable Profile Setup:** A key starting feature will be a customizable profile-setting tool, allowing parents to add child and to input corresponding child's current knowledge level, strengths, and areas for improvement.

4.Conclusion:

The feasibility assessment of the proposed 11+ exam preparation application highlights its significant potential to address a real and pressing need among parents and tutors. The analysis has demonstrated that the project is technically viable, with existing **AI technology** capable of powering personalized worksheet generation and other key features. The phased development approach, starting with customizable profiles and AI-powered features, ensures manageable implementation and continuous improvement. Based on these insights, the proposed application is deemed feasible and well-positioned to deliver meaningful outcomes for its target audience. With careful planning, resource allocation, and stakeholder engagement, the application can effectively meet its objectives and achieve its envisioned impact.