

Assignment 3

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Subject: OOP

Proposal for Development of a Typing Speed Test Application

Introduction

In today's digital age, effective communication is vital, and typing is an essential skill that impacts productivity across various domains, including education, business, and personal correspondence. This proposal outlines the development of a Typing Speed Test Application aimed at enhancing typing skills through engaging practice sessions, performance tracking, and user-friendly features.

Objectives

1. **Skill Enhancement:** To provide users with a platform to improve their typing speed and accuracy through regular practice.
2. **Performance Monitoring:** To enable users to track their progress over time, allowing them to set and achieve personal goals.
3. **User Engagement:** To create an interactive and enjoyable experience that motivates users to practice regularly.

Features

1. **Typing Tests:** Users can take typing tests with randomly selected sentences, which keeps the practice sessions fresh and challenging.

2. Real-Time Feedback: After each test, users receive immediate feedback on their typing speed (words per minute) and accuracy percentage.
3. User Profiles: Users can create profiles to save their results, track progress, and set personal goals.
4. High Score Tracking: The application will maintain a record of users' high scores to encourage competition and improvement.
5. Data Export: Users can save their results in JSON format for easy backup and sharing.
6. Customizable Settings: Users can choose different difficulty levels, sentence lengths, and typing modes to tailor their practice experience.

Conclusion

The Typing Speed Test Application has the potential to significantly enhance typing skills for users of all ages. By providing an engaging platform for practice and performance tracking, we can empower individuals to improve their typing efficiency, ultimately benefiting their academic and professional endeavors. We seek approval and funding to move forward with this project, which promises to be a valuable tool in today's fast-paced digital world.

Thank you for considering this proposal. We look forward to your feedback and support.