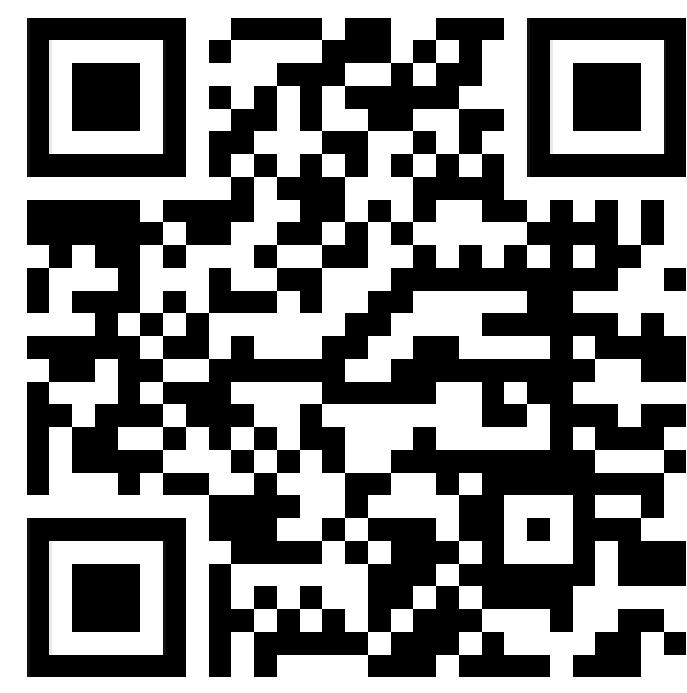


Real Time Super Hero Concept Responsive Exercise App For Kids

Erkin Alkan - Mentor: Assoc.Prof. Tuğba Önal Süzek



HAREKET SAATİ

🔍 Research Problem

With rising childhood obesity and sedentary lifestyles, children are not sufficiently engaged in physical activity. Existing fitness apps either lack child-friendly content or AI integration.

🎯 Project Objective

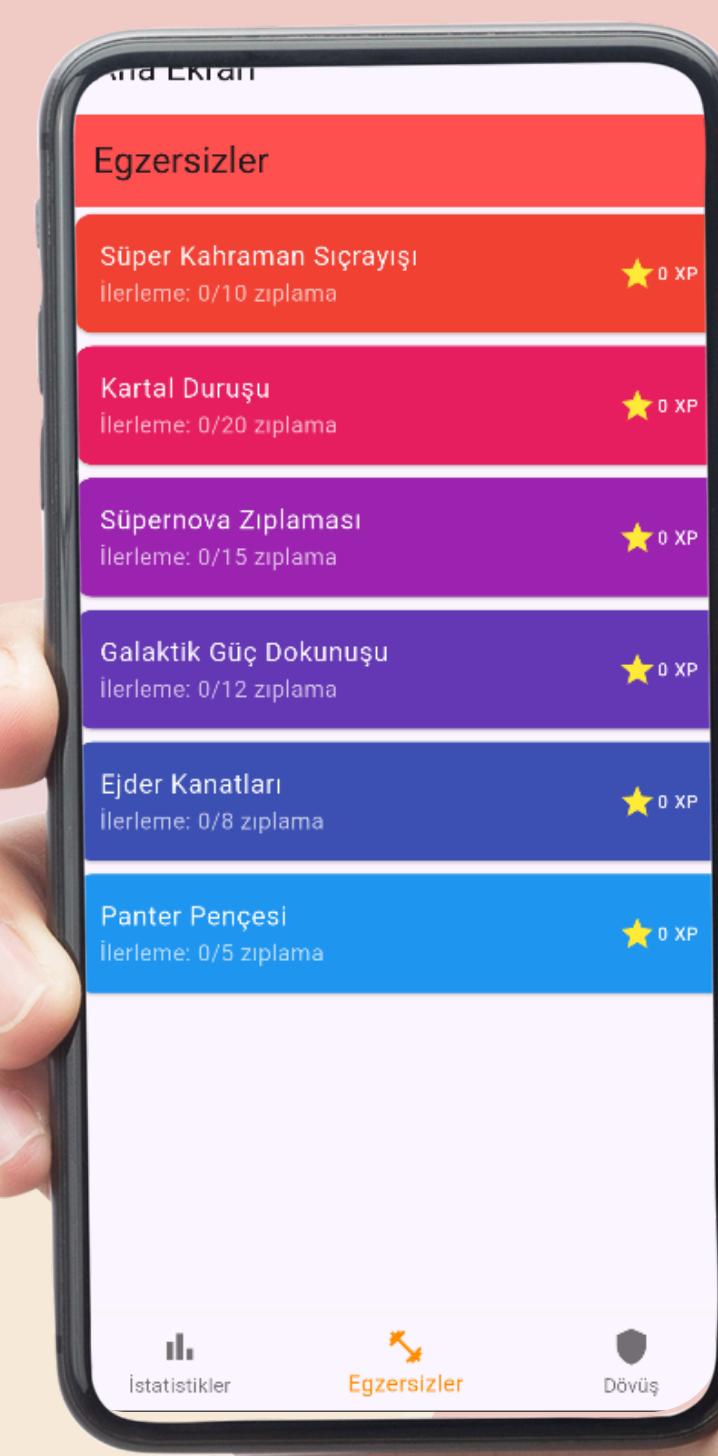
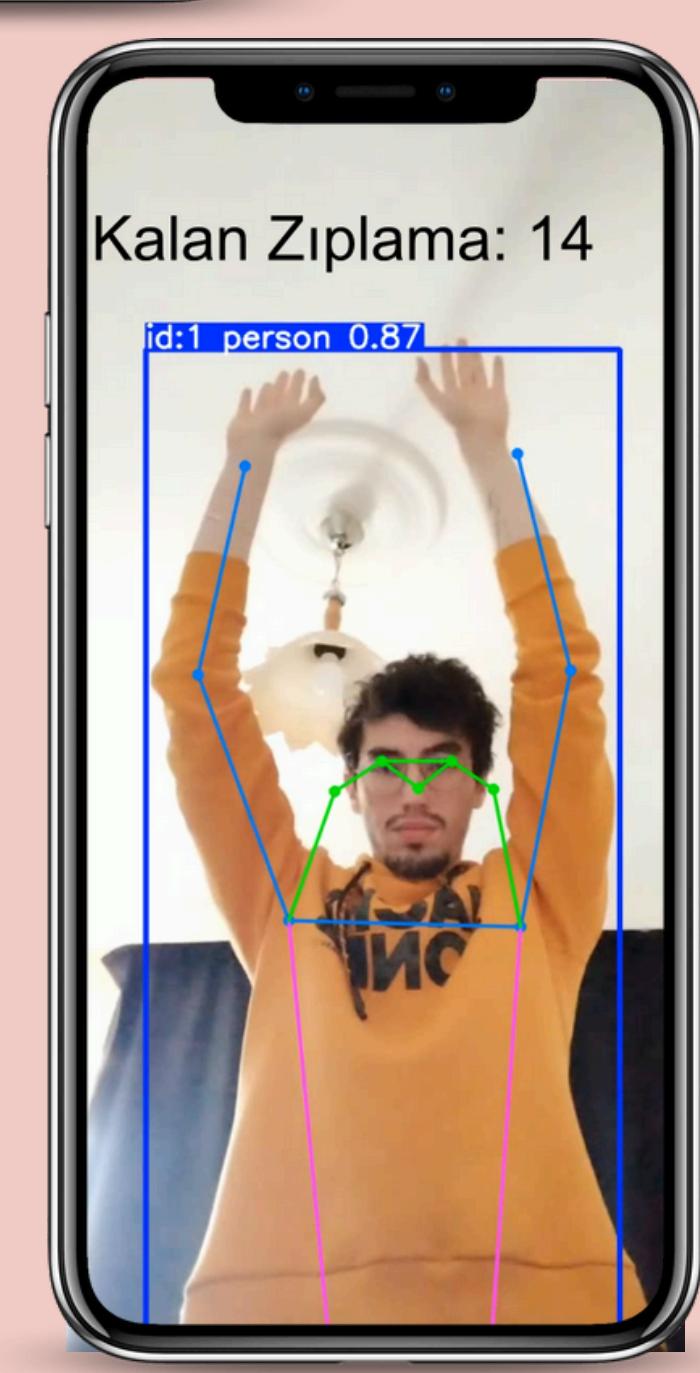
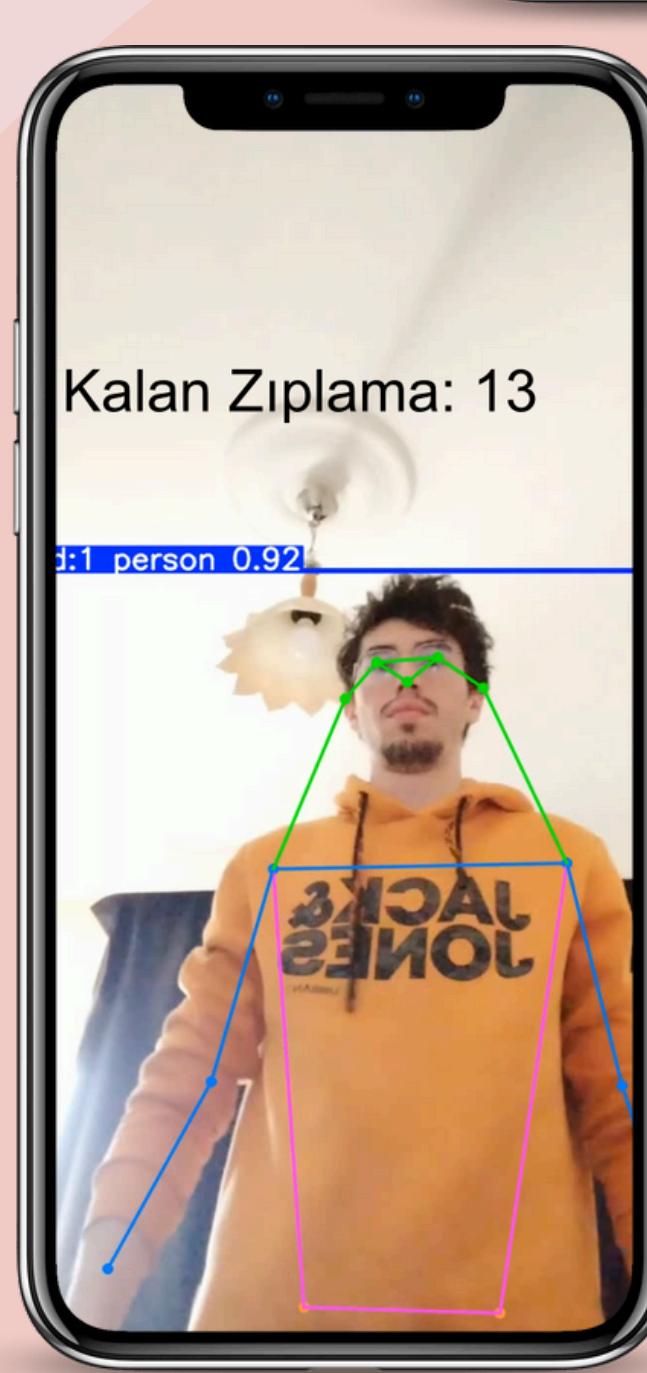
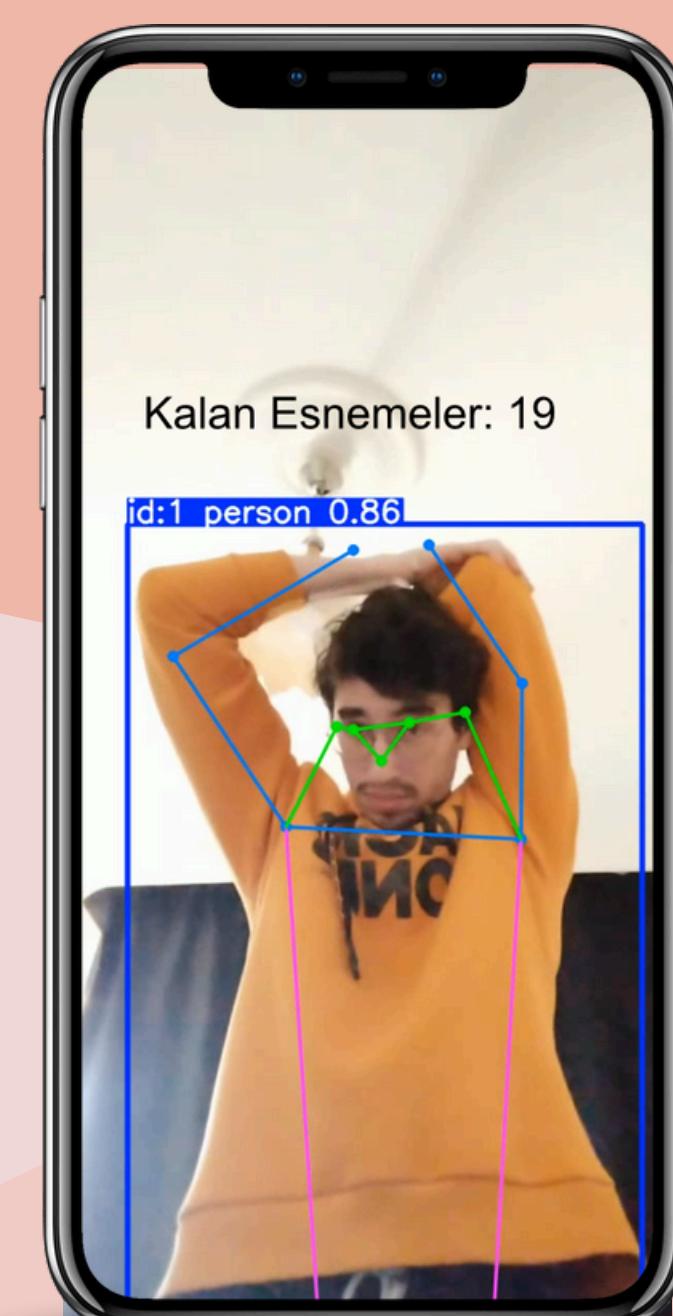
To promote healthy physical activity habits in children through a gamified mobile app using artificial intelligence for real-time movement tracking and feedback.

🎮 Game-based exercise challenges

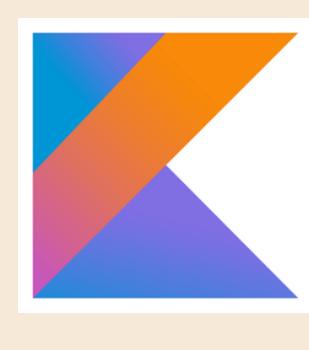
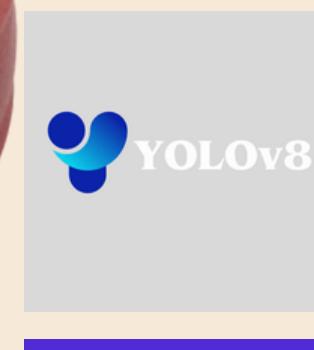
👤 AI-based posture detection (YOLOv8)

🎨 Custom animations and superhero theme

💯 Completely free, no monetization



TECHS USED



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