**Title: AI-Enabled Voice-Activated and GIS-Powered Inventory Management System**

**Abstract**

Managing inventory is a fundamental challenge for visually challenged entrepreneurs, who often rely on assistance or traditional manual methods to keep track of their stock. To address this issue, we propose the **AI-Enabled Voice-Activated and GIS-Powered Inventory Management System**, a smart and inclusive solution that leverages **Artificial Intelligence (AI), Voice Recognition, and Geographic Information Systems (GIS)** to enable seamless stock management through hands-free interaction.

This system is designed to **empower visually impaired business owners** by providing an intuitive voice-controlled interface that allows them to check stock levels, track product locations, and receive real-time updates using simple voice commands. The **AI-powered voice assistant** converts speech into actionable inventory queries, retrieving stock details from a **centralized database** and responding in real time. By integrating **GIS technology**, the system enhances asset tracking, enabling users to understand product distribution, monitor stock movement, and optimize space utilization.

The key features of this system include **real-time stock updates, AI-driven voice interactions, automatic low-stock alerts, smart product tracking, and GIS-enabled spatial awareness**. The **hands-free and accessible nature** of this solution eliminates the need for visual or manual inventory checks, making it a **game-changer for visually challenged entrepreneurs** who wish to operate their businesses independently and efficiently.

This innovative approach not only enhances accessibility but also improves accuracy, reducing errors in stock management while boosting overall productivity. By combining **AI, voice recognition, and GIS mapping**, this system paves the way for a more **inclusive, technology-driven business ecosystem** where visually challenged entrepreneurs can manage their inventory effortlessly and with confidence.