Akshay Patra

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Abstract: *"Akshay Patra" is a pioneering Android application developed with Flutter, designed to tackle food insecurity by connecting food donors with homeless individuals in need. The app enables users to post real-time updates about the locations and number of needy individuals, including geographical coordinates, on a public timeline. This dual-purpose platform allows users to share information about available leftover food and those seeking meals, facilitating easy access through a map-based interface.*

To ensure efficient management and security, an admin panel built with Code Igniter will oversee user interactions and monitor posts. By leveraging technology, "Akshay Patra" aims to reduce food waste while providing a vital resource for those facing hunger, creating a community-driven approach to addressing food insecurity.

Keywords: Food insecurity, Homeless, Needy individuals, Food donation, Akshay patra, Flutter, Android application, Donors, Food wastage reduction, Technology for social good, Code Igniter, Real-Time updates, Admin panel, Food availability, Geographical coordinates, Latitude and longitude, User management, Location-based research