

SmartShop: Virtual Budget Planner for Informed Shopping

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Abstract: *SmartShop is a user-friendly mobile application designed to revolutionize the shopping experience by empowering users to virtually plan and budget their purchases. With its integrated barcode scanner, users can effortlessly scan product barcodes, retrieve detailed information from a comprehensive product database, and input prices for items, all while keeping track of their total expenses. The app's image upload and capture feature allows users to easily recognize their desired products for future reference. By providing real-time budget tracking and analysis, SmartShop ensures informed decision-making and enhances budget management. With SmartShop, users can shop with confidence, knowing they have effectively planned their purchases and made the most of their budgets, ultimately transforming the way they shop and spend.*

Keywords: Virtual Shopping, Budget Planning, Barcode Scanning, Financial Management

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