Potential Solutions

Instructions: Compare your analysis to potential solutions

Part I: Analyze and document opportunities

Product Concept Opportunities
Enhanced customer experience
Time for a more direct customer interface
Resource allocation benefits
Store space efficiencies
Improved sales and inventory analytics
Increased sales
Reduction in shoplifting
Reduced risk of errors

Part II: Analyze and document challenges

Product Concept Challenges
Cost of development and launch
Integration with existing IT infrastructure
Potential scalability issues
Technical issues/downtime
Errors. Includes pricing and proper assignment of items to right customer
Customer privacy concerns
User adoption and behavior—inaccurate use cases
Inventory and pricing issues
Security/Shoplifting
Reduced "personalization" at the checkout

Part III: Identify the AI product management team

AI Product Team Role	Team Member Responsibilities
AI Product Manager	- Manage end-to-end product management lifecycle - Build and lead the team
AI Researchers and Data Scientists	- Design and develop core algorithms and models - Validate models to ensure operational accuracy and address bugs
Engineers	- Fine tune system vision algorithms - Design and maintain hardware infrastructure
Computing Specialists	- Link IT with AI systems - Ensure efficient interface and processing
Software Developers	- Build software components - Manage the mobile app
Security/Privacy Experts	- Safeguard data and system integrity - Implement security measures
User Experience (UX)	- Measure customer utilization and satisfaction - Ensure learnability, efficiency, memorability, error free operation, and customer delight
Business Analyst	- Bridge the gap between the business and the technology - Help define requirements based on user and market needs
Operations and Maintenance	- Ensure smooth operations of system - Provide on-going operational support
Compliance	- Identify legal and regulatory requirements - Ensure adherence to privacy laws and industry standards