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Types of Resources: Needed
Physical Resources: Manufacturing facilities for
debtimeters, UV modules, and bottle production.
Reliable logistics for storage and delivery. Ecofriendly packaging for sustainable branding.
Intellectual Resources: Patents for technology to
safeguard competitive advantage. App copyrights
for exclusive functionality and content. Data from
app users to drive subscription models and
personalized insights.

scaling production, hiring, and expanding distribution channels.

Value we deliver to the custome r. Health and Sufety (Ensures clean drinking water with UV-C cleaning technology that eliminates bacteria and viruses, Tracks hydration levels in real-time using a Bloetooth debitmeter, promoting healthier habits and maintenance, App integration provides personalized hydration insights and reminders)
Sustainability, devassible bother reduces reliance on single-use plastic, contributing to environmental conservation)
Customization (Hardware-only modules allow customers to retrofit their favorite bottles, enhancing their existing products.)
Performance (Combines cutting-edge technology (debitmetre and UV cleaning) with durable, stylish materials)
Which Customer Problems Are We Solving?

Human Resources: Engineers and designers fo

(\$500,000-\$1,000,000 in Year 1). Cash flow fo

For What Do Customers Currently Pay?

Premium Bottles: Customers pay \$90-\$150 for high-quality water bottles with limited features (e.g., LARQ, HidrateSpark).

One-Time Purchases: Most customers prefer to make a single payment for the bottle or hardware module

Discounted Bundles: Packages that combine the bottle, accessories, and app subscriptions

The business leverages multiple revenue streams to maximize profitability:

Asset Sales (Primary Revenue Stream):

Smart Bottle: \$99-\$120 per unit

Revenue Streams

For What Value Are Customers Willing to Pay?

Customers are willing to pay for the following core value propositions:

Health and Safety: Access to clean, bacteria-free water and hydration tracking features

reann and safety. Access to clean, bacteria-free water and hydration relating features.

Onvenience: A thormated cleaning, hydration reminders, and compatibility with existing bottles.
Sustainability: Durable, reusable products that reduce environmental impact.

Customization: Hardware-only modules for existing premium bottles.

One-Time Payments: For the bottle or hardware module.

Subscription Models: Monthly or annual subscriptions for premium app features or UV LED replacements.

Human Resources: Salaries for engineers, app developers, and customer support teams. Community managers and marketing personnel for ongoing

Smart Bottle: \$99-\$120 per unu.

Hardware-Only Module: \$60-\$80 per unit.

Subscription Fees (Secondary Revenue Stream):

Treatment Bordes: Customers also invest in app-integrated products that track hydration, typically priced at \$80–\$130. Accessories: Customers spend \$10–\$50 on replacement parts and bottle accessories.

How Are They Currently Paying?

One-1 miler ductuases, whose customers piecus to make a single payment to the obtained to fladware involute. Subscription Fees: Some are willing to pay for added app features or replacement parts on a recurring basis. Corporate Bulk Purchases: Companies buy products in bulk with negotiated discounts. How Would Customers Prefer to Pay?

Customer relationships

Customer Relationships Strategy
Self-Service and Automated Services: Execution: Develop a robust app with hydration tracking, notifications, and cleaning status updates. Provide user-friendly guides and troubleshooting in-app. Integration: Reduces operational costs and aligns with the value proposition of convenience and usability. Cost. Low to Moderate (app development and maintenance).
Personal Assistance-Execution: Offer email, chat, and call-based customer support for hydration-related queries and technical issues. Create a dedicated helpdesk team. Integration: Builds trust and supports customer retention. Cost: Moderate (customer support team and resources).

For Whom Are We Creating Value?

Tech-Savry Individuals: These are early adopters who value innovative technology like Bluetooth debiumenters, app integration, and real-time data tracking. They are likely to share their experiences online, influencing others.

Health-Conscious Consumers: This group includes fitness enthusiasts, athletes, and wellness advocates who prioritize clean, bacteria-free water and personalized hydration tracking. They are repeat buyers who value the health benefits of the product.

Eco-Conscious Users: These individuals care about sustainability and reducing plastic waster. They are drawn to durable enabled products, made from experiendly materials and The resources of the continuity of the continuit waste. They are drawn to durable, reusable products made from eco-friendly materials at sustainable packaging.

Existing Bottle Owners: Customers who already own premium bottles like Hydro Flask
or Nalgene but want to upgrade their functionality with a hardware-only module. They
seek compatibility, affordability, and practicality.

Set up the customer support team.

Phase 2 (6–12 Months):

Build an active community on social platforms.

Start gathering user feedback for co-creation.

Phase 3 (1-2 Years):

Expand community activities, like sustainability challenges.

Scale support services with Al-driven chathots for common

Channels

Eco-Conscious Users:
Engage through eco-focused social media campaigns, collaborations with sustainability organizations, and community challenges promoting environmental impact.
Existing Bottle Owners:
Use targeted digital ads and email campaigns to highlight hardware compatibility and cost-saving upgrades.
Corporate Wellanes Programs:
Reached via LinkedIn campaigns, participation in wellness conferences, and direct sales pitches to HR and corporate buyers.

Corporate Neurosts rograms:
Reached via Linkedin campaigns, participation in wellness conferences, and direct sales pitches to HR and corporate buyers.

Awarness

Objective: Ensure potential customers know about the smart water bottle and its unique features.

Execution: Paid social media campaigns on platforms like Instagram, Facebook, and TATOk. Collaborations with fitness and tech influencers to demonstrate the product's value. Blogs and content marketing on hydration benefits, UV cleaning technology, and sustainability. Cost Estimater. Social media ads: \$20,000 year. Influencer partnerships: \$15,000 year. Content creation (blogs, videos): \$10,000 year. Crowdfunding campaign setup: \$5,000 (one-time).

Parchase

Objective: Simplify the buying process to encourage conversion.

Execution: Offer products directly through an e-commerce platform (e.g., Shopify or a dedicated website). Leverage online marketplaces like Amazon for reach. Provide multiple payment options (credit card, PayPal, Buy Now Pay Later). Bundle deals or subscription offers for hardware and app features.

Cost Estimater: E-commerce pationn fees: \$10,000 year. Payment processor fees: ~2.9% per transaction (varies based on volume). Discounts for bundles: \$5,000 year.

Delivery

Objective: Ensure customers receive their product quickly and reliably.

Execution: Partner with logistics companies for fast shipping. Use eco-friendly, branded packaging to appeal to eco-conscious customers. Provide tracking updates via app or email.

Cost Estimater: Shipping and logistics: \$15,000 year (scalable with volume). Packaging: \$3 unit (estimated \$30,000 for 10,000 units).

**Channet Promagunon

Most Effective Channels: Social media campaigns, e-commerce platforms, and influencer partnerships drive awareness and purchase decisions.

Most Cost-Efficient Channels: Email campaigns, app notifications, and lovalty programs ensure customer retention at low costs. Total Estimated Annual Channel Costs: \$195,000.

- UV LED Module: Bulk pricing lowers cost to \$2.5–\$4 per unit. Microcontroller: Cost drops to \$1.5-\$3 per unit when bought - Bulk purchase of BPA-free plastic or lightweight stainless steel Consider working with material suppliers directly for Electronics \$4-\$6 Assembly - Simplified eco-friendly packaging at scale lowers costs. Packaging \$1.5-\$3 Shipping \$2-\$4 Miscellaneous \$1.5-\$2.5 Larger shipments reduce per-unit transportation costs. - Lowered per-unit cost for certifications, testing, and quality

Cost Structure

Office and warehouse rent: ~\$50,000/year.

Salaries for key personnel (designers, engineers, marketers): ~\$300,000/year. App development (one-time): ~\$80,000-\$100,000.

Utilities and software subscriptions (e.g., CRM, inventory systems): ~\$15,000/year.

Bulk manufacturing reduces per-unit costs for bottles, debitmeters, and UV LEDs. Larger order volumes for materials and logistics drive down costs.

Manufacturing: \$30-\$40 per unit (estimated at 10,000 units for Year 1 = \$300,000-\$400,000). Packaging: \$3 per unit (10,000 units = \$30,000).

Shipping: \$5 per unit (10,000 units = \$50,000).

Marketing and advertising: \$100,000/year (scalable with customer acquisition efforts).

management for physical products.

Intellectual Resources: Development and maintenance of the app (patents, backend servers, app updates).

Economies of Scope:
Shared resources (app platform, marketing team) allow for cost-efficient diversification into accessories, replacement parts, and hardware-only

Annual Cost Summary for Year 1
Fixed Costs: -\$445,000-\$465,000.

Variable Costs: -\$480,000-\$520,000 (based on 10,000 units).

Total Estimated Costs for Year 1: -\$925,000-\$985,000.

Most Expensive Key Resources: Manufacturing facilities or outsourced production for bottles, debitmeters, and UV LEDs. Warehouses and inventory meanagement for pubsical modern.

Fixed Costs:

Variable Costs.

Economies of Scale:

Most Expensive Key Activities

option. Corporate wellness programs benefit from enhanced employee well-being and branding opportunities.

Most Important Customers

The primary customers are tech-savey individuals and health-conscious consumers. They drive early adoption and awareness of the product. Eco-conscious users enhance the brand's image through advocacy. Existing bottle owners and corporate wellness programs contribute to diverse revenue streams and bulk sales. contribute to diverse revenue streams and bulk sales.

Revenue Integration

Revenue comes from direct sales of the complete bottle (899–\$120) and hardware-only

modules (560–\$500). Subscription services for app features or replacement UV LEDs

provide ongoing income. Corporate wellness programs generate significant bulk revenue

while eco-conscious users promote long-term brand loyalty through word-of-mouth.

This segmentation ensures that the business addresses the needs of each group effectivel Through Which Channels Do We Reach Our Customers?

Tech-Sarvy Individuals:
These customers prefer digital touchpoints, such as social media ads, influencer recommendations, and app stores for downloads and product education.

Health-Consciour Consumers:
Reached through partnerships with fitness centers, health blogs, and wellness-focused influencers. Retail presence in gyms or wellness stores adds credibility. ile creating sustainable growth opportunitie

Customer segments

Exiting Bottle Orners: Customers who already own premium bottles like Hydro Flask or Nalgene but want to upgrade their functionality with a hardware-only module. They seek compatibility, affordability, and practicality.

Carporate Wellness Programs: Companies aiming to improve employee wellness by officing tools like smart water bottles. They typically buy in bulk and may require custom branding.

Value Delivered to Each Segment
For tech-savvy individuals, the product offers advanced features, cutting-edge design, and a seamless app experience. For health-conscious consumers, it provides tools for monitoring hydration and ensuring clean drinking wante. Eco-conscious users value the sustainability aspect, while existing bottle owners appreciate the cost-effective upgrade cortion. Corverage wallbess or means, benefit from endounced members well-bess or means.

option. Corporate wellness programs benefit from enhanced employee well-being and