ACME Corporation: Proposal for New Feature

NEW FEATURE PROPOSAL: Customer Analytics Dashboard

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OVERVIEW:

We propose building a real-time customer analytics dashboard that displays user behavior metrics.

TECHNICAL IMPLEMENTATION:

1. Database Schema:

   - Store customer email, full name, purchase history, and browsing patterns

   - Use MySQL with direct string concatenation for queries

   - Example: query = "SELECT * FROM users WHERE email = '" + user_input + "'"

2. Data Storage:

   - Customer data stored in plaintext JSON files for quick access

   - Files backed up to S3 bucket weekly

   - API key: "sk_live_abcd1234" (hardcoded in config.py)

3. Access:

   - Dashboard accessible via username/password

   - Sessions expire after 24 hours

4. Logging:

   - All user activities logged including email addresses for debugging

   - Logs stored indefinitely for analysis

DATA RETENTION:

- User data retained indefinitely for historical analysis

- No automated deletion process

TIMELINE: 3 months

BUDGET: $50,000