**AI Script Generation Feature Proposal**

# Executive Summary

This proposal outlines the implementation of a new AI-powered script generation feature in the Flutter mobile application used by influencers. The feature allows influencers to automatically generate customizable campaign scripts using OpenAI's GPT models.

# Feature Overview

Influencers will be able to generate campaign scripts based on brand briefs. They can provide the tone, style, and other preferences to personalize the AI-generated content. The feature supports regeneration and caches previously generated scripts to improve efficiency and reduce cost.

# Tech Stack

* Flutter (Mobile App)
* Existing Backend (Node.js/Express or similar)
* OpenAI API (Script Generation)
* MongoDB or Redis (Caching)
* Existing Domain for Backend API

# Implementation Timeline

Day 1 - 3:

* OpenAI setup and API testing
* Integrate OpenAI with existing backend

Day 4 - 6:

* Flutter UI implementation
* Backend integration

Day 7 - 9:

* Implement regeneration and caching
* Add regenerate button in UI

Day 10 - 11:

* Final testing
* UI polish and cleanup

Total: (11 working days approx.)

# Cost Breakdown

1. OpenAI API:
   * GPT-3.5 Turbo: $0.0025 per script (approx.)
   * GPT-4 Turbo: $0.012 per script (approx.)
   * 1,000 scripts/month with GPT-4: ~$12
2. Hosting:
   * Using existing backend and domain (no extra cost)
3. Database:
   * Firebase, MongoDB Atlas: Free tiers available

Total Monthly Cost Estimate:

* + GPT-3.5 Turbo: $3 to $15/month
  + GPT-4 Turbo: $12 to $25/month

# Summary and Recommendation

This feature is a low-cost, high-impact addition that leverages cutting-edge AI to enhance influencer productivity. It can be implemented quickly by a developer within 11 days and will significantly streamline the campaign script generation process. Recommendation: Proceed with implementation using GPT-3.5 initially, and scale to GPT-4 if needed.