1. **APIs**

**Phase 1: MVP Launch (Best Cost-Effectiveness)**

**Primary APIs:**

1. **ZeroGPT API** - AI Detection
   * Cost: $0.034/1K words
   * Reliable, established service
   * Good accuracy for AI detection
2. **Copyleaks API** - Plagiarism Detection
   * Cost: ~$0.05-0.08/1K words
   * Comprehensive database
   * Good plagiarism coverage

**Total Cost: ~$0.084-0.114 per 1K words**

**Phase 2: Scale & Optimize**

**Add Premium Options:** 3. **Winston AI** - Enhanced AI Detection

* Cost: ~$0.02-0.06/1K words
* High accuracy, newer algorithms

1. **PlagScan API** - Additional Plagiarism Check
   * Cross-reference for higher confidence
2. **Business Model Suggestions**

**Tiered Pricing Structure:**

**Free Tier:**

* 5,000 words/month
* Basic detection only
* Your cost: ~$0.50/user/month

**Pro Tier ($9.99/month):**

* 50,000 words/month
* All detection features
* Your cost: ~$4.50/user, **56% profit margin**

**Business Tier ($29.99/month):**

* 200,000 words/month
* API access, batch processing
* Your cost: ~$18/user, **40% profit margin**

1. **🔄 Smart Cost Management**

**Dynamic API Selection:**

**Cost optimization strategy**

**const apiStrategy = {**

**lightUser: 'zerogpt\_only', // $0.034/1K**

**regularUser: 'zerogpt\_copyleaks', // $0.084/1K**

**heavyUser: 'multi\_api\_consensus' // $0.12/1K**

**}**

**Caching Strategy:**

* Cache results for 30 days
* Reduce repeat scans by 60-70%
* **Effective cost reduction: 40-50%**

1. **📊 Projected Monthly Costs**

| **User Scenario** | **API Costs** | **Revenue** | **Profit** |
| --- | --- | --- | --- |
| 100 Free Users | $50 | $0 | -$50 |
| 50 Pro Users | $225 | $500 | $275 |
| 10 Business Users | $180 | $300 | $120 |
| **Total** | **$455** | **$800** | **$345** |

1. **Why This Strategy Works**
2. **Low Entry Barrier**: Start with proven, affordable APIs
3. **Scalable**: Add more APIs as you grow
4. **Flexible**: Switch APIs based on performance
5. **Profitable**: Healthy margins from day one
6. **Implementation Priority**

**Week 1-2:**

* Integrate ZeroGPT API
* Basic caching system
* Free tier launch

**Week 3-4:**

* Add Copyleaks API
* Implement paid tiers
* User management

**Month 2:**

* Add Winston AI for premium users
* Optimize API routing
* Analytics dashboard

**Pro Tips for Commercial Success**

1. **Bundle Services**: Don't sell just detection - add grammar, paraphrasing, citations
2. **Enterprise Sales**: Target schools/businesses for bulk licenses
3. **API Partnerships**: Negotiate volume discounts after 10K+ monthly usage
4. **White-Label**: Sell your technology to other platforms

**Estimated Break-Even: 60-80 paying users**