Formul8.ai

Proposed Subscription Plans & Feature Matrix

🎯 Executive Summary

Proposed Plan Restructure

We propose moving from the current agent-based tier system to a comprehensive feature-based subscription model. This new structure offers six tiers: **Unregistered**, **Registered** (Google Auth), **Bronze**, **Silver**, **Gold**, and **Platinum**. Each tier provides progressive access to features including chat history, file uploads, document storage, projects, personal RAG, and Google Workspace integrations.

💰 Pricing Tiers

Future4200

Free

Ad-supported

Community access with Future4200 forum integration

- ✓ Future4200 forum search & analysis
- ✓ Community thread discussions
- ✓ Basic formulation tools
- ✓ Ad-supported experience
- ✓ 10 requests per hour
- ✗ No chat history

✗ No file uploads

✗ No document storage

Join Community

Unregistered

Free

Ad-supported

Basic access with limited features and rate limiting

✓ Basic chat interface

✓ Limited agent access

✓ Ad-supported experience

✓ 5 requests per hour

✗ No chat history

✗ No file uploads

✗ No document storage

Current Access

Registered

Free

Ad-supported

Enhanced access with Google account registration

✓ Chat history (7 days)

✓ File uploads (10MB limit)

✓ Basic document storage (100MB)

✓ 1 project

✓ Ad-supported experience

✓ 20 requests per hour

✗ No personal RAG

✗ No Google integrations

Sign Up with Google

Bronze

$15

per month

Entry-level paid plan with core features

✓ Unlimited chat history

✓ File uploads (100MB limit)

✓ Document storage (1GB)

✓ 3 projects

✓ Personal RAG (basic)

✓ *Google Docs integration (coming soon)*

✓ *Google Sheets integration (coming soon)*

✓ 100 requests per hour

Upgrade to Bronze

POPULAR

Silver

$35

per month

Most popular plan with advanced features

- ✓ Everything in Bronze
- ✓ File uploads (500MB limit)
- ✓ Document storage (10GB)
- ✓ 10 projects
- ✓ Advanced personal RAG
- ✓ *Google Forms integration (coming soon)*
- ✓ Priority support
- ✓ 250 requests per hour

Upgrade to Silver

Gold

$75

per month

Professional plan for growing businesses

- ✓ Everything in Silver
- ✓ File uploads (2GB limit)
- ✓ Document storage (50GB)
- ✓ 25 projects
- ✓ Premium personal RAG
- ✓ *Google Slides integration (coming soon)*
- ✓ Team collaboration
- ✓ 500 requests per hour

Upgrade to Gold

Platinum

$150

per month

Enterprise-grade plan with unlimited features

- ✓ Everything in Gold
- ✓ Unlimited file uploads
- ✓ Unlimited document storage
- ✓ Unlimited projects
- ✓ Enterprise personal RAG
- ✓ *All Google Workspace integrations (coming soon)*
- ✓ Dedicated account manager
- ✓ Unlimited requests
- ✓ Custom integrations

Contact Sales

🧠 Personal RAG Tier Differentiation

How RAG Tiers Distinguish

Bronze - Basic Personal RAG:
- Simple keyword-based search through uploaded documents
- Basic Q&A about your formulation files
- 1GB document storage limit

• Example: "Find my tincture recipes" → Returns documents containing "tincture"

Silver - Advanced Personal RAG:

• Semantic vector embeddings + keyword search

• Cross-document analysis and contextual understanding

• Smart citations and document summarization

• 10GB document storage limit

• Example: "What's the best extraction method for high-CBD strains based on my previous formulations?" → Analyzes your CBD formulations and identifies successful methods

Gold - Premium Personal RAG:

• Advanced vector embeddings + metadata tagging

• Trend analysis and batch comparison capabilities

• Real-time document updates and regulatory compliance checking

• 50GB document storage limit

• Example: "Compare my Blue Dream tincture batches from 2024 and identify what changed between batch #001 and #015 that improved potency by 12%?" → Detailed batch analysis with trend data

Platinum - Enterprise Personal RAG:

• Custom-trained embeddings on your methodologies

• Predictive analytics and business insights

• Team collaboration and API integrations

• Unlimited document storage

• Example: "Based on my entire formulation history, market trends, and regulatory changes, what should my next product line focus on?" → Comprehensive analysis with predictive recommendations

📊 Feature Matrix

Feature	Future4200	Unregistered	Registered	Bronze	Silver	Gold	Pla
Chat History	✗	✗	✓ (7 days)	✓ (Unlimited)	✓ (Unlimited)	✓ (Unlimited)	(Unl
File Upload	✗	✗	✓ (10MB)	✓ (100MB)	✓ (500MB)	✓ (2GB)	(Unl
Document Storage	✗	✗	✓ (100MB)	✓ (1GB)	✓ (10GB)	✓ (50GB)	(Unl

Feature	Future4200	Unregistered	Registered	Bronze	Silver	Gold	Pla
Projects	✗	✗	✓ (1)	✓ (3)	✓ (10)	✓ (25)	(Unl
Personal RAG	✗	✗	✗	✓ (Basic)	✓ (Advanced)	✓ (Premium)	(Ent
Future4200 Forum Access	✓	✗	✗	✗	✗	✗	
Google Docs (coming soon)	✗	✗	✗	✓	✓	✓	
Google Sheets (coming soon)	✗	✗	✗	✓	✓	✓	
Google Forms (coming soon)	✗	✗	✗	✗	✓	✓	
Google Slides (coming soon)	✗	✗	✗	✗	✗	✓	
Team Collaboration	✗	✗	✗	✗	✗	✓	
Priority Support	✗	✗	✗	✗	✓	✓	
Custom Integrations	✗	✗	✗	✗	✗	✗	

⚡ Rate Limiting

Future4200

- 10 requests per hour
- 1 concurrent session
- Future4200 forum access
- Ad-supported experience

Unregistered

- 5 requests per hour
- 1 concurrent session
- Basic agent access only
- Ad-supported experience

Registered

- 20 requests per hour
- 2 concurrent sessions
- Enhanced agent access

Bronze

- 100 requests per hour
- 5 concurrent sessions
- Full agent access

Silver

• 250 requests per hour
• 10 concurrent sessions
• Priority processing

Gold

• 500 requests per hour
• 20 concurrent sessions
• Premium processing

Platinum

• Unlimited requests
• Unlimited sessions
• Enterprise processing

💸 Cost Analysis & Hosting Estimates

Estimated Monthly Net Costs per User (After Ad Revenue)

Future4200 Users	$0.02
Unregistered Users	$0.03
Registered Users	$0.10
Bronze Tier	$1.50
Silver Tier	$3.75
Gold Tier	$7.50
Platinum Tier	$9.80
Average Net Cost per User	**$3.26**

Ad Revenue Impact on Free Tiers

Ad Revenue Estimates (per user/month):
• Future4200: $0.10 ad revenue (10 requests/hour × 30 days)
• Unregistered: $0.05 ad revenue (5 requests/hour × 30 days)
• Registered: $0.25 ad revenue (20 requests/hour × 30 days)

Net Cost Calculation:

• Future4200: $0.12 cost - $0.10 ad revenue = $0.02 net cost

• Unregistered: $0.08 cost - $0.05 ad revenue = $0.03 net cost

• Registered: $0.35 cost - $0.25 ad revenue = $0.10 net cost

Ad Revenue Assumptions:

• $0.50-2.00 CPM (cost per thousand impressions)

• 2-4 ad impressions per request

• Cannabis industry premium ad rates

Detailed Cost Breakdown by Tier

Future4200 Tier ($0.12 cost - $0.10 ads = $0.02 net):

• **Compute:** $0.02 (Lambda + API Gateway for 300 requests/month)

• **Tokens:** $0.05 (Future4200 thread RAG + ad-agent tokens)

• **Storage:** $0.01 (minimal document storage)

• **Vector DB:** $0.02 (forum thread embeddings)

• **Data Transfer:** $0.02 (forum scraping + responses)

Unregistered Tier ($0.08 cost - $0.05 ads = $0.03 net):

• **Compute:** $0.01 (Lambda + API Gateway for 150 requests/month)

• **Tokens:** $0.03 (basic agent + ad-agent tokens)

• **Storage:** $0.01 (session data only)

• **Vector DB:** $0.01 (basic embeddings)

• **Data Transfer:** $0.02 (basic responses)

Registered Tier ($0.35 cost - $0.25 ads = $0.10 net):

• **Compute:** $0.05 (Lambda + API Gateway for 600 requests/month)

• **Tokens:** $0.15 (enhanced agents + ad-agent tokens)

• **Storage:** $0.10 (chat history + 100MB documents)

• **Vector DB:** $0.02 (document embeddings)

• **Data Transfer:** $0.03 (file uploads + responses)

Bronze Tier ($1.50 cost):

• **Compute:** $0.10 (Lambda + API Gateway for 3,000 requests/month)

• **Tokens:** $0.60 (full agents + basic RAG processing)

• **Storage:** $0.15 (1GB documents + chat history)

• **Vector DB:** $0.40 (1K document vectors)

• **Data Transfer:** $0.25 (file processing + responses)

Silver Tier ($3.75 cost):

• **Compute:** $0.25 (Lambda + API Gateway for 7,500 requests/month)

• **Tokens:** $1.50 (advanced RAG + cross-document analysis)

• **Storage:** $0.75 (10GB documents + chat history)

• **Vector DB:** $1.00 (2.5K document vectors)

• **Data Transfer:** $0.25 (advanced file processing)

Gold Tier ($7.50 cost):

• **Compute:** $0.50 (Lambda + API Gateway for 15,000 requests/month)

• **Tokens:** $3.00 (premium RAG + trend analysis)

• **Storage:** $1.50 (50GB documents + chat history)

• **Vector DB:** $2.00 (5K document vectors)

• **Data Transfer:** $0.50 (team collaboration + large files)

Platinum Tier ($9.80 cost):

• **Compute:** $0.80 (Lambda + API Gateway for unlimited requests)

• **Tokens:** $4.00 (enterprise RAG + predictive analytics)

• **Storage:** $2.00 (unlimited documents + chat history)

• **Vector DB:** $2.50 (10K+ document vectors)

• **Data Transfer:** $0.50 (enterprise integrations + large files)

Cost Breakdown Components

AWS Lambda: $0.20 per 1M requests + compute time

Supabase Database: $0.125 per GB storage + $0.09 per GB transfer

OpenRouter API: $0.002-0.06 per 1K tokens (varies by model)

Google Workspace API: Free tier + usage-based pricing

CDN & Storage: $0.085 per GB storage + $0.09 per GB transfer

Monitoring & Logging: $0.50 per GB ingested

Revenue Projections

Based on the proposed pricing structure, we project healthy profit margins:

• **Bronze:** 87% margin ($13 profit on $15 price)

• **Silver:** 86% margin ($30 profit on $35 price)

• **Gold:** 84% margin ($63 profit on $75 price)

• **Platinum:** 83% margin ($125 profit on $150 price)

🚀 Implementation Roadmap

Phase 1: Authentication & Basic Tiers (Weeks 1-2)

• Implement Google OAuth integration

• Set up user registration and plan assignment

• Deploy rate limiting middleware

• Create basic feature gating

Phase 2: Storage & File Management (Weeks 3-4)

• Implement document storage with Supabase

• Add file upload functionality with size limits

• Create project management system

• Deploy chat history storage

Phase 3: Google Workspace Integration (Weeks 5-6)

• Integrate Google Docs API

• Add Google Sheets connectivity

• Implement Google Forms integration

• Deploy Google Slides support

Phase 4: Advanced Features (Weeks 7-8)

• Deploy personal RAG system

• Add team collaboration features

- Implement priority support system
- Create custom integration framework

📈 Expected Outcomes

Business Impact

- **Revenue Growth:** Projected 300% increase in ARR within 6 months
- **User Engagement:** 40% increase in daily active users
- **Conversion Rate:** 15% conversion from free to paid tiers
- **Customer Satisfaction:** Improved feature access and support

Technical Benefits

- **Scalability:** Better resource management and cost control
- **User Experience:** Clear feature progression and value proposition
- **Data Insights:** Better user behavior tracking and analytics
- **Support Efficiency:** Tiered support reduces ticket volume