

AIAlgoTradeHits - All Project Masterqueries

File Structure for Storage

```
/AIAlgoTradeHits/  
|   └── Cmasterquery.md (Corporate - Already Created)  
└── /Trading/  
    |   └── AATH-001-Trading-Masterquery.md  
    └── /projects/  
        |   └── AATH-002-Community-Masterquery.md  
        |   └── AATH-003-KaamyabPakistan-Masterquery.md  
        |   └── AATH-004-InventGames-Masterquery.md  
        |   └── AATH-005-HerbalHomeo-Masterquery.md  
        |   └── AATH-006-MarketingAI-Masterquery.md  
        |   └── AATH-007-YouInventTech-Masterquery.md  
        |   └── AATH-008-NoCodeAI-Masterquery.md  
        |   └── AATH-009-HomeFranchise-Masterquery.md
```

FILE 1: AATH-001-Trading-Masterquery.md

AATH-001: AIAlgoTradeHits Trading Platform

Project Masterquery

Document Information

Field	Value
Document ID	AATH-001-MQ
Project Code	AATH-001

Field	Value
Version	1.0.0
Created	December 13, 2025
Status	● Planning
Priority	P1 - Critical

Project Overview

Mission Statement

Build an AI-powered algorithmic trading platform that democratizes access to sophisticated trading strategies through cutting-edge AI for market analysis, prediction, and automated execution.

Vision

Become the go-to platform for retail and semi-professional traders seeking AI-enhanced trading capabilities without requiring deep technical expertise.

Value Proposition

- AI-powered market analysis accessible to everyone
- Real-time signal generation and automated trading
- Risk management built into every strategy
- Learn while you trade with integrated education

Project Identity

Attribute	Value
Domain	aialgotradehits.com
GCP Project	aialgotradehits-trading
Brand Colors	Navy Blue (#1a365d), Gold (#d69e2e), White
Tagline	"Trade Smarter with AI"

Target Users

Primary Personas

1. Retail Trader (Alex)

- Age: 25-45
- Experience: 1-5 years trading
- Goal: Improve returns with AI assistance
- Pain Point: Information overload, emotional trading

2. Algorithmic Enthusiast (Sam)

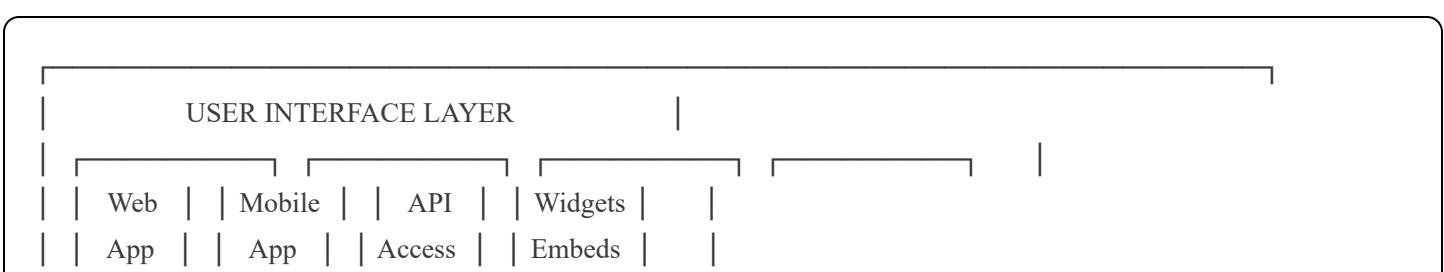
- Age: 30-50
- Experience: Developer with trading interest
- Goal: Build and deploy custom strategies
- Pain Point: Infrastructure complexity

3. Part-Time Investor (Jordan)

- Age: 35-55
- Experience: Casual investor
- Goal: Passive income with minimal time
- Pain Point: Can't monitor markets full-time

Technical Architecture

System Architecture





APPLICATION LAYER

Trading Engine | | Analysis Engine | | Portfolio Manager

Risk Management | | Signal Generator | | Backtest Engine

AI LAYER

Gemini 2.5 Pro | | Vertex AI Models | | Claude API

Document AI | | NL2SQL | | Custom ML Models

DATA LAYER

BigQuery (Analytics) | | Cloud SQL (Users) | | Firestore (Realtime)

Redis (Cache) | | Pub/Sub (Events)

Technology Stack

Layer	Technology	Purpose
Frontend	React/Next.js	Web application
Mobile	React Native / Flutter	iOS & Android apps
Backend	Node.js / Python (FastAPI)	API services
AI/ML	Vertex AI, Gemini 2.5 Pro	Intelligence layer
Database	BigQuery, Cloud SQL, Firestore	Data persistence
Cache	Redis (Memorystore)	Real-time data
Messaging	Pub/Sub	Event streaming
Hosting	Cloud Run, GKE	Container hosting

AI Integration Details

1. Market Analysis Engine

Component	AI Service	Function
Sentiment Analysis	Gemini 2.5 Pro	News & social media sentiment
Pattern Recognition	Vertex AI (Custom)	Chart pattern detection
Earnings Analysis	Document AI	Parse earnings reports
News Summarization	Claude API	Condense market news

2. Signal Generation

Signal Type	AI Method	Confidence Scoring
Technical	Vertex AI ML Models	0-100 score
Fundamental	Gemini Analysis	High/Medium/Low

Signal Type	AI Method	Confidence Scoring
Sentiment	NLP Models	Bullish/Bearish/Neutral
Combined	Ensemble Model	Weighted aggregate

3. Risk Management AI

- Position sizing recommendations
- Stop-loss optimization
- Portfolio correlation analysis
- Drawdown prediction

4. Natural Language Interface

```
User: "Show me tech stocks with bullish signals this week"
NL2SQL → SELECT * FROM signals WHERE sector='Technology'
          AND signal_type='Bullish' AND date >= CURRENT_DATE - 7
```

Core Features

Phase 1 (MVP)

- User registration & authentication
- Market data dashboard
- AI-powered watchlist
- Basic signal alerts
- Paper trading mode
- Portfolio tracking

Phase 2

- Live trading integration (broker APIs)
- Advanced charting with AI annotations
- Custom strategy builder
- Backtesting engine
- Mobile app (iOS/Android)

Phase 3

- Social trading / copy trading
 - API for algorithmic traders
 - Options & derivatives support
 - Multi-asset (crypto, forex)
 - Institutional features
-

💰 Revenue Model

Stream	Model	Target Price
Basic Tier	Freemium	\$0/month
Pro Tier	Subscription	\$29/month
Elite Tier	Subscription	\$99/month
API Access	Usage-based	\$0.01/call
Performance Fee	Revenue share	10% of profits

Feature Matrix

Feature	Basic	Pro	Elite
Market Data	Delayed	Real-time	Real-time
AI Signals	5/day	Unlimited	Unlimited
Paper Trading	✓	✓	✓
Live Trading	✗	✓	✓
Backtesting	✗	Limited	Unlimited
API Access	✗	✗	✓
Custom Models	✗	✗	✓

External Integrations

Data Providers

Provider	Data Type	Priority
Alpha Vantage	Stock data	High
Polygon.io	Real-time quotes	High
NewsAPI	News feeds	Medium
Twitter API	Social sentiment	Medium

Broker Integrations

Broker	Markets	Status
Alpaca	US Stocks	Planned
Interactive Brokers	Multi-asset	Planned
Binance	Crypto	Planned
TD Ameritrade	US Stocks	Planned

Development Roadmap

Q1 2026: Foundation

- Architecture finalization
- GCP project setup
- Core backend services
- Basic UI framework
- Market data integration

Q2 2026: MVP Launch

- AI signal engine v1
- Paper trading feature

- User dashboard
- Beta launch (100 users)
- Mobile app development start

Q3 2026: Growth

- Live trading integration
- Backtesting engine
- Mobile app launch
- Public launch
- First 1,000 users

Q4 2026: Scale

- API product launch
 - Advanced AI features
 - Additional broker integrations
 - 5,000+ users target
-

Success Metrics

Metric	6 Month	12 Month
Registered Users	1,000	10,000
Paid Subscribers	50	500
MRR	\$2,500	\$25,000
Daily Active Users	200	2,000
Signal Accuracy	>60%	>65%
User Retention (30d)	40%	50%

Risks & Mitigations

Risk	Impact	Probability	Mitigation
Regulatory issues	High	Medium	Legal counsel, compliance focus
AI model accuracy	High	Medium	Continuous training, disclaimers
Data provider costs	Medium	High	Multiple providers, caching
Competition	Medium	High	Unique AI features, UX focus
Security breach	Critical	Low	SOC2 compliance, audits

Action Items

#	Task	Owner	Due	Status
1	Finalize tech stack decisions	Irfan	Dec 20, 2025	
2	Set up GCP project	Irfan	Dec 27, 2025	
3	Design system architecture	Irfan	Jan 10, 2026	
4	Select data providers	Irfan	Jan 15, 2026	
5	Begin backend development	Irfan	Jan 20, 2026	
6	Legal/compliance review	Saleem	Jan 31, 2026	

Related Documents

- [Cmasterquery.md](#) - Corporate master document
- [AATH-002-Community-Masterquery.md](#) - Community platform

FILE 2: AATH-002-Community-Masterquery.md

AATH-002: AIAlgoTradeHits Community & Training

Project Masterquery

Document Information

Field	Value
Document ID	AATH-002-MQ
Project Code	AATH-002
Version	1.0.0
Created	December 13, 2025
Status	 Planning
Priority	P1 - Critical

Project Overview

Mission Statement

Create the premier fintech education platform and community hub that transforms aspiring traders into confident, AI-savvy market participants through structured learning, hands-on practice, and peer support.

Vision

Build a thriving global community of 100,000+ learners who master algorithmic trading and AI-powered finance, creating the talent pipeline for the broader AIAlgoTradeHits ecosystem.

Value Proposition

- Structured learning paths from beginner to expert
 - AI-personalized curriculum that adapts to your pace
 - Hands-on coding labs with real trading scenarios
 - Vibrant community for networking and mentorship
 - Industry-recognized certifications
-

Project Identity

Attribute	Value
Domain	aialgotradehits.org
GCP Project	aialgotradehits-community
Brand Colors	Teal (#0d9488), Navy (#1e3a5f), White
Tagline	"Learn. Trade. Succeed."

Target Users

Primary Personas

1. Career Changer (Maya)

- Age: 28-40
- Background: Non-finance professional
- Goal: Transition to fintech career
- Pain Point: No structured path to learn

2. Finance Student (Raj)

- Age: 20-25
- Background: Business/Finance student

- Goal: Practical skills for job market
- Pain Point: Theory without practice

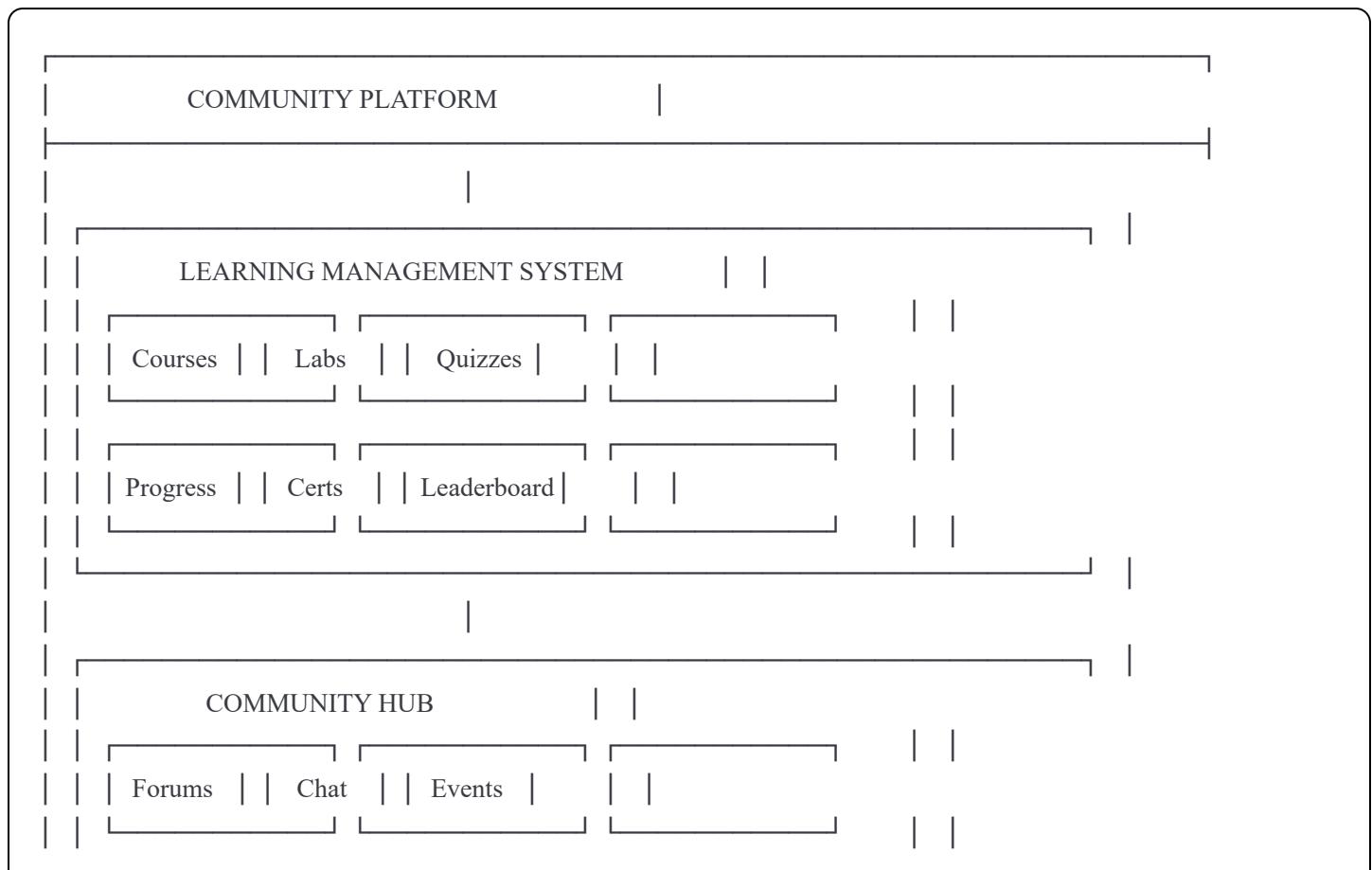
3. Hobbyist Trader (Chris)

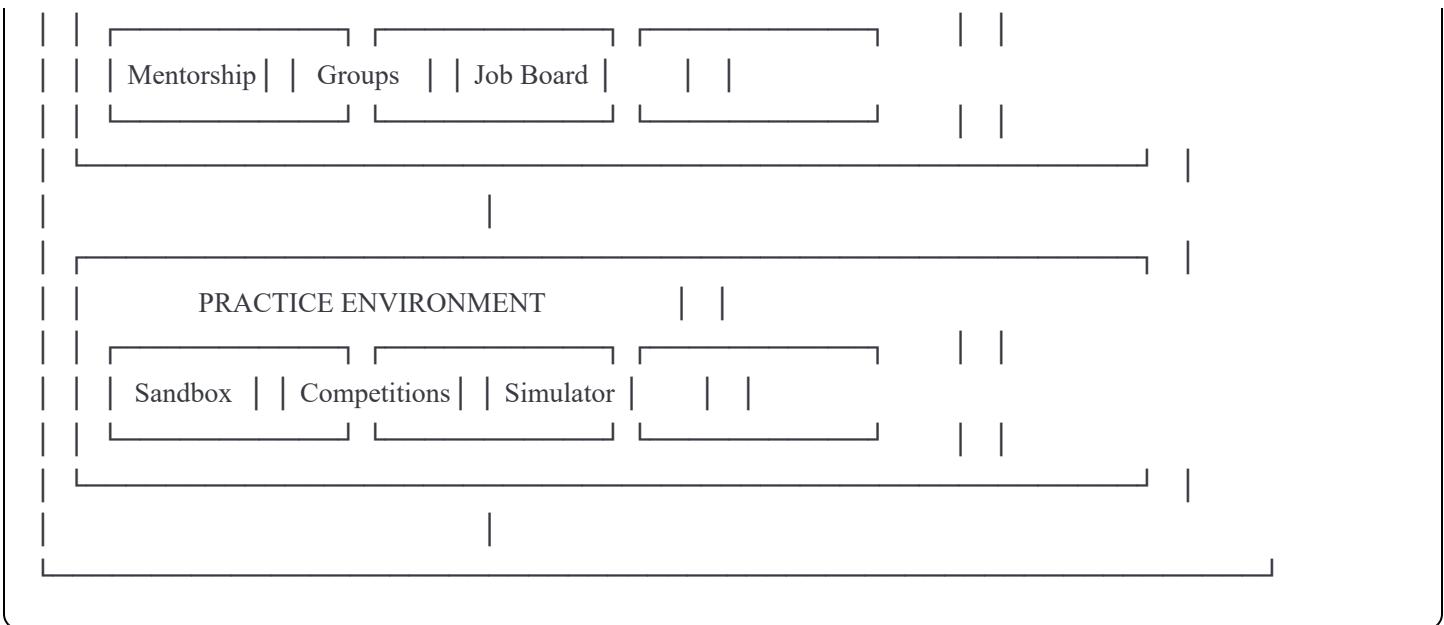
- Age: 30-55
- Background: Working professional
- Goal: Side income from trading
- Pain Point: Information overload

4. Developer (Lisa)

- Age: 25-35
- Background: Software engineer
- Goal: Apply coding skills to trading
- Pain Point: Finance domain knowledge gap

Platform Architecture





AI Integration

AI-Powered Learning

Feature	AI Service	Function
Adaptive Curriculum	Gemini 2.5 Pro	Personalized learning paths
Content Generation	Claude API	Course content, explanations
Code Assistant	Claude Code	Help debug trading algorithms
Assessment AI	Vertex AI	Automated grading, feedback
Tutor Bot	Gemini	24/7 Q&A assistance

AI Features

- **Smart Recommendations:** "Based on your progress, try Module 7 next"
- **Knowledge Gap Detection:** Identifies weak areas automatically
- **Code Review:** AI reviews student trading algorithms
- **Discussion Summaries:** AI summarizes forum threads
- **Personalized Quizzes:** Dynamically generated assessments



Course Catalog

Learning Tracks

Track 1: Trading Fundamentals (Free)

1. Introduction to Financial Markets
2. Understanding Asset Classes
3. Basic Technical Analysis
4. Introduction to Risk Management
5. Trading Psychology

Track 2: Technical Analysis Mastery (\$49)

1. Advanced Chart Patterns
2. Indicators & Oscillators
3. Volume Analysis
4. Multi-Timeframe Analysis
5. Building a Trading Plan

Track 3: Algorithmic Trading with Python (\$99)

1. Python for Finance Basics
2. Data Analysis with Pandas
3. Backtesting Strategies
4. Building Trading Bots
5. API Integration
6. Live Deployment

Track 4: Machine Learning for Trading (\$149)

1. ML Fundamentals for Finance
2. Feature Engineering
3. Predictive Models
4. Deep Learning for Markets

5. Reinforcement Learning

6. Production ML Systems

Track 5: AI-Powered Trading (\$199)

1. Large Language Models in Finance
 2. Sentiment Analysis Systems
 3. News & Social Data
 4. Building AI Trading Assistants
 5. Prompt Engineering for Trading
-

🏆 Certification Program

Certification	Requirements	Badge
Certified Algo Trader (CAT)	Complete Track 3 + Exam	
Certified ML Trader (CMT)	Complete Track 4 + Project	
Certified AI Trader (CAIT)	Complete Track 5 + Capstone	
Master Trader	All certifications + Portfolio	

💰 Revenue Model

Stream	Model	Price
Free Tier	Ad-supported	\$0
Pro Membership	Monthly	\$19/month
Annual Membership	Yearly	\$149/year
Individual Courses	One-time	\$49-\$199
Certifications	Exam fee	\$49 each
Corporate Training	B2B	Custom

Development Roadmap

Q1 2026: MVP

- Platform architecture
- User authentication (shared with .com)
- Course player & progress tracking
- Basic forum functionality
- 2 free courses launched

Q2 2026: Growth

- AI tutor integration
- Coding labs environment
- 5 premium courses
- Mobile app
- Community features expansion

Q3 2026: Scale

- Certification program launch
 - Live events platform
 - Mentorship marketplace
 - Job board
 - 10,000 users target
-

Success Metrics

Metric	6 Month	12 Month
Registered Users	5,000	25,000
Course Completions	500	5,000
Paid Members	200	2,000
MRR	\$3,800	\$38,000

Metric	6 Month	12 Month
Forum Posts/Day	50	500
Net Promoter Score	40	50

Action Items

#	Task	Owner	Due	Status
1	LMS platform selection	Irfan	Dec 27, 2025	
2	Course content outline	Irfan	Jan 10, 2026	
3	Forum software setup	Irfan	Jan 15, 2026	
4	First course production	Irfan	Jan 31, 2026	
5	Beta launch (invite-only)	Both	Feb 15, 2026	

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FILE 3: AATH-003-KaamyabPakistan-Masterquery.md

AATH-003: KaamyabPakistan

Project Masterquery

Document Information

Field	Value
Document ID	AATH-003-MQ
Project Code	AATH-003
Version	1.0.0
Created	December 13, 2025
Status	 Planning
Priority	P2 - High

Project Overview

Mission Statement (مشن)

Empower Pakistani entrepreneurs, freelancers, and professionals with AI-driven tools, training, and community support to achieve economic success and contribute to Pakistan's digital transformation.

Vision (وڈن)

Create 1 million successful Pakistani entrepreneurs by 2030 through accessible technology, education, and mentorship.

Value Proposition

- Bilingual Platform:** Urdu & English for maximum accessibility
- Local Context:** Content tailored to Pakistani market realities
- AI-Powered:** Cutting-edge AI tools accessible to all
- Community-Driven:** Learn from fellow Pakistanis who've succeeded

Project Identity

Attribute	Value
Domain	kaamyabpakistan.com
Meaning	"Successful Pakistan" (کامیاب پاکستان)
GCP Project	kaamyabpakistan
Languages	Urdu (Primary), English
Brand Colors	Green (#14532d), White, Gold
Tagline	"آپ کی کامیابی، پاکستان کی ترقی"

Target Users

Primary Personas

1. Aspiring Entrepreneur (Ahmed)

- Age: 22-35
- Location: Tier 2/3 cities
- Education: Graduate
- Goal: Start own business
- Challenge: Lack of guidance, capital

2. Freelancer (Fatima)

- Age: 20-30
- Skills: Writing, Design, Development
- Goal: International clients
- Challenge: Platform knowledge, portfolio

3. Small Business Owner (Usman)

- Age: 30-50

- Business: Retail/Services
- Goal: Digitize & scale
- Challenge: Technology adoption

4. Women Entrepreneur (Ayesha)

- Age: 25-45
- Situation: Home-based business
- Goal: Financial independence
- Challenge: Market access, social barriers

5. Rural Youth (Bilal)

- Age: 18-25
- Location: Village/small town
- Goal: Escape poverty
- Challenge: Limited opportunities, awareness

Platform Features

Core Modules

1. Business Idea Generator (AI)

User Input: "میں لاہور میں رہتا ہوں، 50,000 روپے ہیں، کہاں کا شوک ہے"

AI Output: Personalized business ideas with:

- Investment required
- Expected returns
- Step-by-step guide
- Success stories
- Risk assessment

2. Skills Training Center

- Freelancing fundamentals
- Digital marketing basics
- E-commerce setup (Daraz, Amazon)

- Mobile app-based businesses
- Agricultural tech opportunities

3. Government Schemes Navigator

- Kamyab Jawan Program
- SMEDA resources
- Women entrepreneurship programs
- Province-specific schemes
- Application assistance (AI)

4. Mentorship Network

- Successful Pakistani entrepreneurs
- Industry-specific mentors
- Virtual chai sessions
- Group mentorship circles

5. Financial Literacy Hub

- Banking basics
- Mobile wallets (JazzCash, Easypaisa)
- Investment fundamentals
- Tax guidance for small business

6. Marketplace Connections

- Buyer-seller matching
 - Export opportunities
 - Supplier directories
 - Service provider listings
-

AI Integration

AI Features (Urdu-First)

Feature	AI Service	Capability
Urdu Business Advisor	Gemini 2.5 Pro	Conversational guidance in Urdu
Voice Interface	Gemini	Voice queries for low-literacy users
Document Helper	Document AI	Government form assistance
Business Plan Generator	Claude API	Structured business plans
Market Research AI	Gemini	Local market analysis

Sample AI Interactions

User: "مجھے بتائیں کہ آن لائن کپڑے کا کاروبار کیسے شروع کروں"

AI Response:

آن لائن کپڑے کا کاروبار شروع کرنے کے اقدامات

1 مارکیٹ ریسرچ (1 بفتہ)

- Facebook groups میں trends دیکھیں
- Competition کا جائزہ لیں

2 سپلائر تلاش کریں (2 بفتہ)

- فیصل آباد مارکیٹ
- علی بابا امپورٹ

3 آن لائن سٹور بنائیں

- Daraz seller account
- Facebook/Instagram shop

... [detailed guidance continues]

Revenue Model

Stream	Model	Notes
Free Tier	Ad-supported	Core features free
Premium	PKR 500/month	Advanced AI, mentorship
Courses	PKR 1,000-5,000	Specialized training
Sponsorships	B2B	Corporate sponsors
Government Grants	Partnership	NAVTTC, SMEDA
Success Fee	Optional	2% of funded businesses

Partnership Strategy

Government Partners

- SMEDA (Small & Medium Enterprise Development Authority)
- NAVTTC (Technical training)
- Provincial IT boards
- Kamyab Jawan Program

Corporate Partners

- JazzCash / Easypaisa (Payments)
- Daraz (E-commerce)
- PTCL (Connectivity)
- Banks (Financing)

NGO Partners

- Akhuwat Foundation
- Pakistan Poverty Alleviation Fund
- International development organizations

Development Roadmap

Q2 2026: MVP

- Bilingual platform (Urdu/English)
- Business idea generator (AI)
- Basic training modules (5 courses)
- Government schemes directory
- Community forums

Q3 2026: Growth

- Voice interface for rural users
- Mentorship platform
- Mobile app (Android priority)
- 10,000 registered users
- Government partnerships

Q4 2026: Scale

- Financial services integration
 - Marketplace features
 - Regional expansion (cities)
 - 50,000 users
-

Success Metrics

Metric	6 Month	12 Month
Registered Users	10,000	100,000
Businesses Started	500	5,000
Training Completions	2,000	20,000
Mentorship Matches	100	1,000
Success Stories	50	500

Impact Metrics

- Jobs created through platform users
 - Revenue generated by trained entrepreneurs
 - Women empowerment (% female users)
 - Rural reach (% from villages/small towns)
-

Action Items

#	Task	Owner	Due	Status
1	Urdu content strategy	Irfan	Jan 15, 2026	
2	Government partnership outreach	Saleem	Jan 31, 2026	
3	Platform wireframes	Irfan	Feb 15, 2026	
4	Mentor network recruitment	Saleem	Feb 28, 2026	
5	MVP development start	Irfan	Mar 1, 2026	

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FILE 4: AATH-004-InventGames-Masterquery.md

AATH-004: Invent.Games

Project Masterquery

Document Information

Field	Value
Document ID	AATH-004-MQ
Project Code	AATH-004
Version	1.0.0
Created	December 13, 2025
Status	 Planning
Priority	P2 - High

Project Overview

Mission Statement

Revolutionize gaming through AI-powered game creation, dynamic gameplay, and a creator economy that empowers anyone to build, play, and earn.

Vision

Become the "YouTube of Gaming" - where AI enables everyone to create games, not just play them.

Value Proposition

- Create Without Code:** AI generates games from descriptions
- Play AI-Powered Games:** NPCs that truly think and respond
- Earn as Creator:** Monetize your game creations
- Infinite Variety:** Procedurally generated worlds and stories

Project Identity

Attribute	Value
Domain	invent.games
GCP Project	invent-games
Brand Colors	Purple (#7c3aed), Cyan (#06b6d4), Black
Tagline	"Imagine. Create. Play."

Platform Features

1. AI Game Creator Studio

Text-to-Game Engine

User Input: "Create a puzzle game where a robot solves mazes to find batteries"

AI Output:

- Generated game mechanics
- Procedural maze generation
- Robot character with animations
- Battery collectibles
- Difficulty progression
- Sound effects and music

Creator Tools

- Drag-and-drop game builder
- AI-assisted asset generation
- Logic builder (visual programming)
- Multiplayer configuration
- Monetization settings

2. AI-Powered Gameplay

Feature	AI Service	Capability
Dynamic NPCs	Gemini 2.5 Pro	Contextual conversations
Procedural Worlds	Vertex AI	Infinite unique environments
Adaptive Difficulty	ML Models	Adjusts to player skill
Story Generation	Claude API	Branching narratives
Character Art	Imagen	Unique character designs
Game Music	Lyria	Dynamic soundtracks
Cutscenes	Veo	AI-generated cinematics

3. Game Categories

Platform Games

- AI Puzzle Adventures
- Procedural Platformers
- Story-Driven Experiences

Multiplayer Games

- AI-Enhanced Battle Royale
- Cooperative Adventures
- Competitive Strategy

Educational Games

- Learning through play
- Skill-building games
- Language learning games

User-Created Games

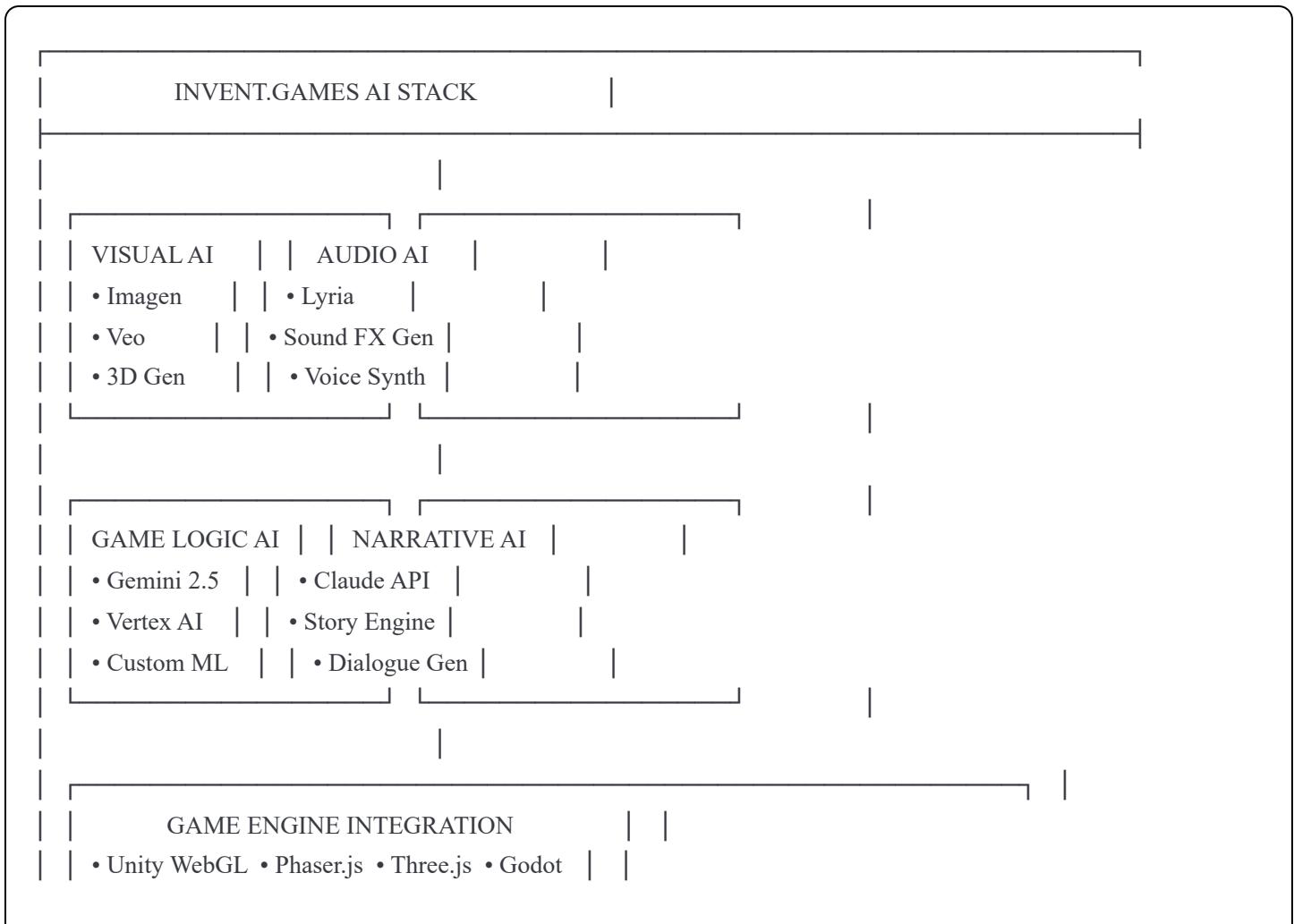
- Community creations

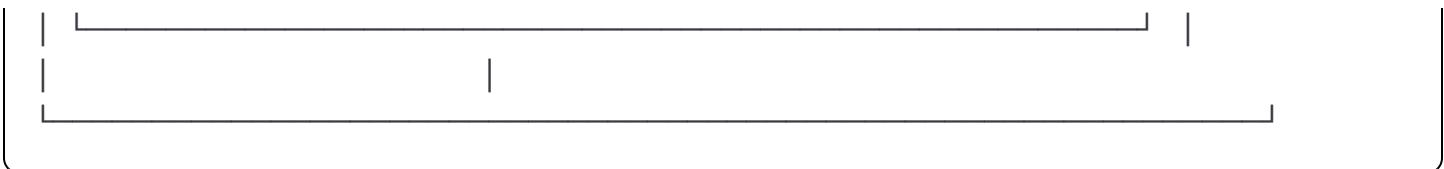
- Remix and mashups
- Collaborative projects

4. Creator Economy

Feature	Description
Revenue Share	70% to creators
In-Game Purchases	Cosmetics, power-ups
Subscriptions	Premium games
Tips & Donations	Support creators
Asset Marketplace	Sell game assets

🤖 AI Technology Stack





Revenue Model

Stream	Model	Target
Free-to-Play	Ad-supported	Core games
Premium Games	\$0.99 - \$9.99	Creator games
Creator Pro	\$9.99/month	Advanced tools
In-Game Currency	Microtransactions	Cosmetics
Platform Fee	30% of transactions	Marketplace

Development Roadmap

Q3 2026: MVP

- Core game engine (web-based)
- Basic AI game generator
- 5 template games
- Player accounts & profiles
- Beta launch

Q4 2026: Creator Launch

- Full creator studio
- Asset generation AI
- Marketplace launch
- Mobile apps
- Creator monetization

2027: Scale

- Advanced AI features

- VR/AR support
 - Esports integration
 - 1M+ players target
-

Success Metrics

Metric	6 Month	12 Month
Monthly Active Players	10,000	100,000
Games Created	1,000	20,000
Creator Earnings	\$10,000	\$100,000
Avg. Session Time	15 min	25 min
Day 7 Retention	20%	30%

Action Items

#	Task	Owner	Due	Status
1	Game engine evaluation	Irfan	Mar 1, 2026	
2	AI asset pipeline design	Irfan	Mar 15, 2026	
3	Prototype game builder	Irfan	Apr 1, 2026	
4	Creator program design	Saleem	Apr 15, 2026	

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AATH-005: HerbalHomeo

Project Masterquery

Document Information

Field	Value
Document ID	AATH-005-MQ
Project Code	AATH-005
Version	1.0.0
Created	December 13, 2025
Status	 Planning
Priority	P3 - Medium

Project Overview

Mission Statement

Democratize access to herbal and homeopathic health knowledge through an AI-powered platform that educates, connects practitioners, and helps users discover natural wellness solutions.

Vision

Become the trusted global platform for evidence-based natural medicine education and practitioner discovery.

Value Proposition

- **AI Health Guide:** Symptom checker for natural remedies
- **Practitioner Network:** Find verified homeopaths and herbalists
- **Education Hub:** Learn about natural medicine
- **Product Discovery:** Verified herbal products

Project Identity

Attribute	Value
Domain	herbalhomeo.com
GCP Project	herbalhomeo
Brand Colors	Forest Green ( #166534), Earth Brown ( #78350f), Cream
Tagline	"Nature's Wisdom, AI's Intelligence"

Compliance & Disclaimers

CRITICAL: All health-related features must include:

- Clear medical disclaimers
 - Encouragement to consult healthcare providers
 - No diagnostic claims
 - Evidence-based information only
 - Regional regulatory compliance (FDA, etc.)
-

Platform Features

1. AI Wellness Assistant

User: "I have trouble sleeping and feel stressed"

AI Response (with disclaimers):

 Based on your description, here are some traditionally used natural approaches that people explore:

 Herbal Options:

- Valerian Root - traditionally used for sleep support
- Chamomile - commonly used for relaxation

- Lavender - often used in aromatherapy

 Homeopathic Options:

- Coffea Cruda - traditionally used for restless mind
- Ignatia - historically used for stress-related issues

 **⚠️ Important:** This is educational information only.

Please consult a qualified practitioner before starting any new health regimen.

 [Find a Practitioner Near You]

2. Remedy Database

- 1,000+ herbal remedies with research citations
- 500+ homeopathic remedies
- Traditional use information
- Safety considerations
- Drug interaction warnings

3. Practitioner Directory

- Verified credentials
- Specializations
- Patient reviews
- Online consultation booking
- Insurance information

4. E-Commerce (Phase 2)

- Verified product marketplace
- Quality certifications
- User reviews
- Subscription options

5. Educational Content

- Video courses on natural medicine
 - Research article summaries
 - Practitioner interviews
 - Wellness webinars
-

⌚ AI Integration

Feature	AI Service	Purpose
Symptom Analysis	Gemini 2.5 Pro	Suggest relevant remedies (educational)
Knowledge Base	Claude API	Answer health queries with citations
Product Matching	Vertex AI	Personalized recommendations
Herb Identification	Imagen/Vision	Identify plants from photos
Research Summaries	Document AI	Extract info from papers

💰 Revenue Model

Stream	Model	Price
Free Tier	Basic features	\$0
Premium	Full access	\$9.99/month
Practitioner Listing	Subscription	\$29/month
Consultations	Commission	15% fee
Product Marketplace	Commission	20% fee
Courses	One-time	\$19-\$99

Development Roadmap

Q3 2026: MVP

- Remedy database (500 entries)
- Basic AI wellness guide
- Practitioner directory (manual)
- Educational articles

Q4 2026: Growth

- Full AI integration
 - Consultation booking
 - Mobile app
 - Product marketplace
-

Success Metrics

Metric	6 Month	12 Month
Monthly Users	5,000	25,000
Practitioners Listed	100	500
Consultations Booked	200	2,000
Content Pieces	200	1,000

Action Items

#	Task	Owner	Due	Status
1	Legal/compliance review	Saleem	Apr 1, 2026	
2	Remedy database structure	Irfan	Apr 15, 2026	
3	Practitioner onboarding plan	Saleem	May 1, 2026	

FILE 6: AATH-006-MarketingAI-Masterquery.md

AATH-006: MarketingAI

Project Masterquery

Document Information

Field	Value
Document ID	AATH-006-MQ
Project Code	AATH-006
Version	1.0.0
Created	December 13, 2025
Status	 Planning
Priority	P2 - High

Project Overview

Mission Statement

Empower businesses of all sizes with AI-powered marketing tools that automate content creation, optimize campaigns, and drive growth without requiring marketing expertise.

Vision

Become the all-in-one AI marketing platform that makes Fortune 500-level marketing accessible to every business.

Value Proposition

- **10x Faster Content:** AI writes ads, emails, social posts
 - **Smart Optimization:** AI improves campaigns automatically
 - **Visual Creation:** Generate images and videos instantly
 - **Data-Driven:** AI analytics and recommendations
-

Project Identity

Attribute	Value
Domain	marketingai.* (TBD: .com, .io, .ai)
GCP Project	marketingai
Brand Colors	Electric Blue ( #2563eb), Orange ( #f97316), White
Tagline	"Your AI Marketing Team"

Platform Features

1. AI Content Studio

Copywriting Engine

Input: Product: Eco-friendly water bottle

Tone: Friendly, sustainable

Platform: Instagram

Output:

Caption:  Sip sustainably! Our eco-bottle keeps drinks cold for 24hrs while keeping oceans clean. Every purchase removes 1lb of ocean plastic.

 #SustainableLiving #EcoFriendly

Hashtags: #sustainability #ecofriendly #zerowaste

#oceancleanup #greenliving

Alt versions: [3 variations provided]

Content Types

- Social media posts (all platforms)
- Email campaigns
- Ad copy (Google, Meta, LinkedIn)
- Blog posts and articles
- Product descriptions
- Landing page copy
- Press releases
- Video scripts

2. Visual AI Studio

Tool	AI Service	Output
Image Generator	Imagen	Product shots, ads
Video Creator	Veo	Short-form videos
Logo Designer	Imagen	Brand logos
Social Graphics	Canva AI + Imagen	Platform-sized posts
Thumbnail Maker	Imagen	YouTube, blog images

3. Campaign Manager

- Multi-channel campaign orchestration
- A/B testing automation
- Budget optimization
- Scheduling and publishing
- Performance tracking

4. Analytics & Insights

NL2SQL Example:

User: "Show me my best performing posts last month"

Dashboard displays:

- Top 10 posts by engagement
- Best posting times
- Audience insights
- Competitor comparison
- AI recommendations

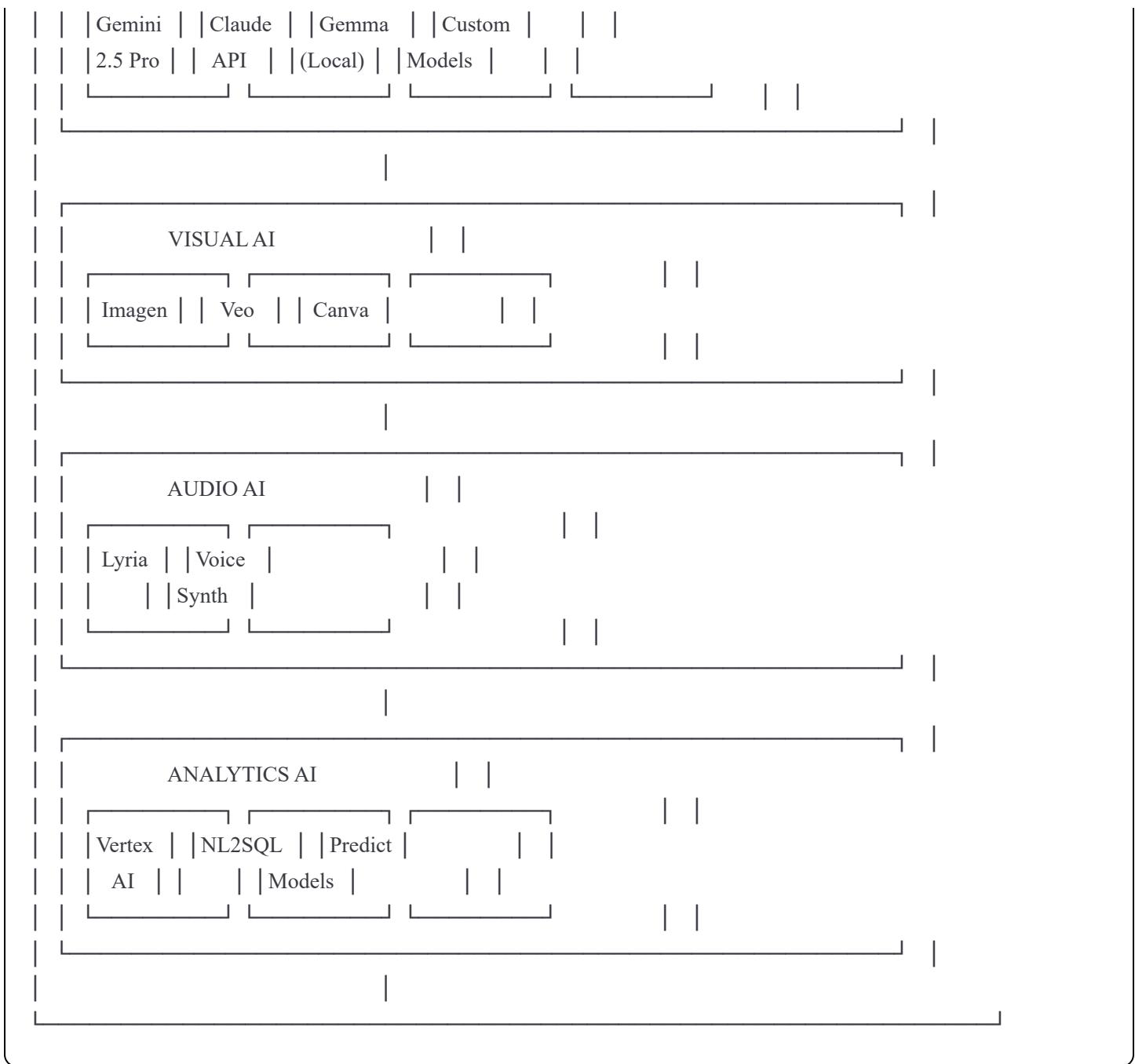
5. Brand Voice AI

- Train AI on your brand voice
- Consistent messaging across channels
- Tone adjustment controls
- Brand guideline enforcement

AI Integration

MARKETINGAI AI STACK

CONTENT AI



Revenue Model

Tier	Price	Features
Starter	\$29/month	50 AI generations, 3 channels
Growth	\$79/month	500 AI generations, 10 channels
Pro	\$199/month	Unlimited, all features
Agency	\$499/month	Multi-client, white label

Tier	Price	Features
Enterprise	Custom	API access, dedicated support

🔗 Integrations

Social Platforms

- Facebook / Instagram
- Twitter / X
- LinkedIn
- TikTok
- YouTube
- Pinterest

Ad Platforms

- Google Ads
- Meta Ads
- LinkedIn Ads
- TikTok Ads

Other Integrations

- Shopify
- WordPress
- HubSpot
- Mailchimp
- Zapier

📅 Development Roadmap

Q2 2026: MVP

- AI copywriting engine
- Basic image generation
- Social media scheduler
- 3 platform integrations
- Beta launch (100 users)

Q3 2026: Growth

- Full visual studio
- Campaign manager
- Analytics dashboard
- 10 integrations
- Public launch

Q4 2026: Scale

- Video generation
 - Agency features
 - API product
 - 1,000+ paying customers
-

Success Metrics

Metric	6 Month	12 Month
Registered Users	2,000	20,000
Paying Customers	100	1,000
MRR	\$5,000	\$50,000
Content Generated	100K	2M
Customer LTV	\$300	\$500

Action Items

#	Task	Owner	Due	Status
1	Domain acquisition	Saleem	Jan 15, 2026	
2	Competitor analysis	Irfan	Jan 31, 2026	
3	MVP feature spec	Irfan	Feb 15, 2026	
4	Platform integrations research	Irfan	Feb 28, 2026	
<hr/> <hr/> <hr/>				

MarketingAI © 2025 - Your AI Marketing Team

FILE 7: AATH-007-YouInventTech-Masterquery.md

AATH-007: YouInvent.Tech

Project Masterquery

Document Information

Field	Value
Document ID	AATH-007-MQ
Project Code	AATH-007
Version	1.0.0
Created	December 13, 2025
Status	 Planning

Field	Value
Priority	P3 - Medium

Project Overview

Mission Statement

Empower inventors and innovators worldwide to develop, protect, and commercialize their ideas through AI-powered tools that simplify the invention process from concept to market.

Vision

Become the world's leading platform for independent inventors, helping bring 1 million new inventions to market by 2030.

Value Proposition

- **Idea to Patent:** AI assists entire patent process
- **Prior Art Search:** AI-powered patent research
- **Prototype to Product:** Connect with manufacturers
- **Funding to Market:** Crowdfunding and licensing

Project Identity

Attribute	Value
Domain	youinvent.tech
GCP Project	youinvent-tech
Brand Colors	Innovation Blue ( #3b82f6), Spark Yellow ( #fbff24)
Tagline	"From Idea to Impact"

Platform Features

1. AI Invention Assistant

Idea Development

User: "I have an idea for a self-cleaning water bottle using UV light"

AI Response:

 Great idea! Let me help you develop it:

 Market Analysis:

- Market size: \$X billion
- Growth rate: X% CAGR
- Key competitors: [list]

 Prior Art Search:

- Found 23 related patents
- Key differentiators needed: [suggestions]
- White space opportunities: [areas]

 Next Steps:

1. Document your unique approach
2. Create basic sketches
3. File provisional patent (\$)

[Start Patent Process] [Find Manufacturer]

2. Patent Research Tools

Tool	AI Service	Capability
Prior Art Search	Document AI + Gemini	Search millions of patents
Claim Analysis	Claude API	Analyze patent claims
FTO Analysis	Vertex AI	Freedom to operate check
Patent Drafting	Claude + Gemini	Draft patent applications

3. Inventor Services Marketplace

Service Providers

- Patent attorneys
- Patent illustrators
- Prototype developers
- Manufacturing partners
- Licensing specialists
- Crowdfunding consultants

4. Prototype & Manufacturing

- 3D printing services
- CNC machining partners
- Electronics prototyping
- Manufacturer matching
- Small batch production

5. Commercialization

- Crowdfunding campaign builder
- Licensing marketplace
- Investor connections
- Retail buyer introductions

AI Integration

Feature	AI Service	Function
Ideation	Gemini 2.5 Pro	Brainstorming, feasibility
Patent Search	Document AI	Prior art analysis
Drafting	Claude API	Patent application writing

Feature	AI Service	Function
Visualization	Imagen	Concept renderings
Market Research	Gemini	Market analysis, trends
Matching	Vertex AI	Inventor-service matching

💰 Revenue Model

Stream	Model	Price
Free Tier	Basic tools	\$0
Inventor Pro	Subscription	\$29/month
Patent Filing	Service fee	\$199 + govt fees
Marketplace	Commission	10-15%
Success Fee	Licensing deals	5% royalty
Enterprise	Corporate R&D	Custom

▣ Development Roadmap

Q4 2026: MVP

- AI idea assistant
- Basic patent search
- Service provider directory
- Community forums

2027: Growth

- Full patent drafting AI
- Manufacturing marketplace
- Crowdfunding tools
- Mobile app

Success Metrics

Metric	6 Month	12 Month
Registered Inventors	2,000	15,000
Patent Searches	5,000	50,000
Patents Filed	50	500
Successful Products	10	100

Action Items

#	Task	Owner	Due	Status
1	Patent API research	Irfan	May 1, 2026	
2	Service provider outreach	Saleem	May 15, 2026	
3	Legal structure for services	Saleem	Jun 1, 2026	

YouInvent.Tech © 2025 - From Idea to Impact

FILE 8: AATH-008-NoCodeAI-Masterquery.md

AATH-008: NoCodeAI.Cloud

Project Masterquery

Document Information

Field	Value
Document ID	AATH-008-MQ
Project Code	AATH-008
Version	1.0.0
Created	December 13, 2025
Status	 Planning
Priority	P2 - High

Project Overview

Mission Statement

Democratize AI by enabling anyone to build sophisticated AI-powered applications without writing code through an intuitive visual platform.

Vision

Make AI accessible to the 99% of people who can't code, enabling a new generation of citizen AI developers.

Value Proposition

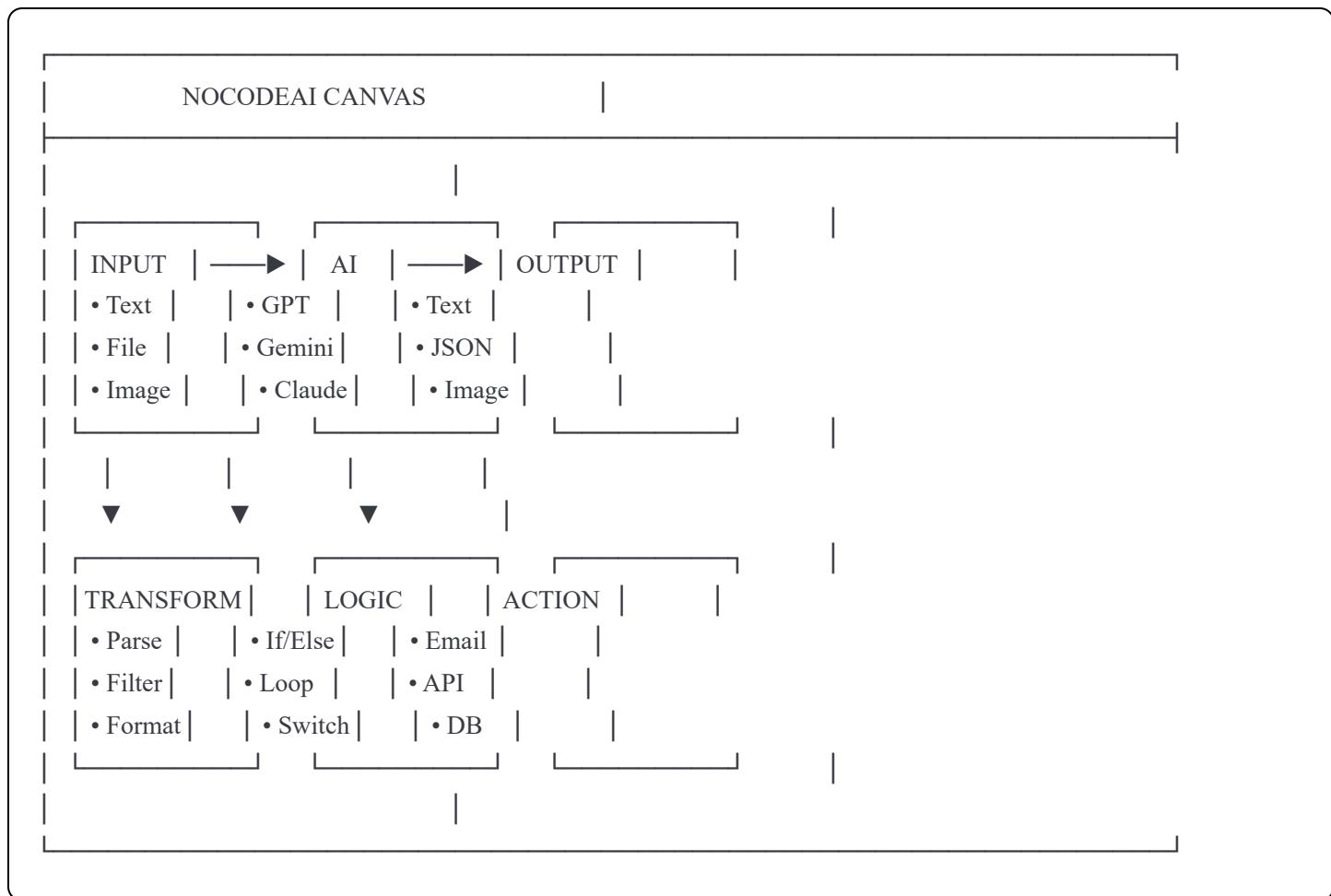
- **Zero Code Required:** Visual drag-and-drop AI builder
- **Multiple AI Providers:** Google, Anthropic, OpenAI in one place
- **Instant Deployment:** One-click publish to production
- **Templates Library:** Start from pre-built solutions

🌐 Project Identity

Attribute	Value
Domain	nocodeai.cloud
GCP Project	nocodeai-cloud
Brand Colors	Gradient Purple-Blue (#8b5cf6 → #3b82f6), White
Tagline	"Build AI Apps. No Code. No Limits."

🏗 Platform Features

1. Visual AI Builder



2. AI Block Library

Language Models

- Gemini 2.5 Pro
- Claude (Sonnet, Opus)
- GPT-4
- Gemma (local/free)
- Custom fine-tuned

Vision Models

- Imagen (image generation)
- Vision AI (image analysis)
- OCR (text extraction)

Audio Models

- Speech-to-Text
- Text-to-Speech
- Lyria (music)

Specialized

- NL2SQL (database queries)
- Document AI (parsing)
- Translation
- Sentiment Analysis
- Classification

3. Template Gallery

Template	Use Case	Complexity
Customer Support Bot	Chatbot	Beginner
Document Processor	Automation	Beginner
Content Generator	Marketing	Beginner
Data Analyzer	Analytics	Intermediate

Template	Use Case	Complexity
Image Editor	Creative	Intermediate
Multi-Agent System	Advanced AI	Advanced
Custom Classifier	ML	Advanced

4. Deployment Options

- **Hosted:** One-click deploy on NoCodeAI.Cloud
- **Embed:** Widget for any website
- **API:** Access via REST API
- **Export:** Download as code (Pro)
- **Custom Domain:** Use your own URL

5. Integrations

Data Sources

- Google Sheets
- Airtable
- PostgreSQL
- MySQL
- Firebase
- REST APIs

Actions

- Email (SendGrid, Gmail)
- Slack
- Discord
- Webhooks
- Zapier

AI Integration (Meta Level)

NoCodeAI.Cloud is unique - it's an AI platform for building AI apps:

Layer	AI Service	Purpose
Build Assistant	Claude API	Help users create workflows
Code Generation	Gemini 2.5 Pro	Generate custom logic
Debugging	AI	Identify and fix workflow issues
Optimization	Vertex AI	Suggest performance improvements
All Providers	Multi	Available as building blocks

Revenue Model

Tier	Price	Included
Free	\$0	100 AI calls/month, 1 app
Maker	\$19/month	1,000 calls, 5 apps
Pro	\$49/month	10,000 calls, unlimited apps
Team	\$149/month	50,000 calls, collaboration
Enterprise	Custom	Unlimited, SLA, support

Compute Credits

- Additional AI calls: \$0.001 - \$0.05 per call
- Based on model used

Development Roadmap

Q3 2026: MVP

- Visual canvas builder
- 10 core AI blocks
- 5 templates
- Basic hosting
- Alpha launch

Q4 2026: Growth

- 50+ AI blocks
- 25 templates
- Team collaboration
- API access
- Public launch

2027: Scale

- Enterprise features
 - White label
 - Marketplace for templates
 - Advanced AI agents
-

Success Metrics

Metric	6 Month	12 Month
Registered Users	5,000	50,000
Apps Created	2,000	50,000
Paying Customers	200	2,000
MRR	\$5,000	\$80,000
AI Calls/Month	500K	10M

Competitive Advantage

Feature	NoCodeAI	Competitors
Multi-Provider AI	✓	Limited
Visual Builder	✓	Some
Pricing	Affordable	Expensive
AI Build Assistant	✓	✗
Export Code	✓	Rare

Action Items

#	Task	Owner	Due	Status
1	Canvas UI prototype	Irfan	Mar 15, 2026	
2	Multi-provider API layer	Irfan	Apr 1, 2026	
3	Pricing model validation	Saleem	Apr 15, 2026	
4	Alpha user recruitment	Saleem	May 1, 2026	

NoCodeAI.Cloud © 2025 - Build AI Apps. No Code. No Limits.

FILE 9: AATH-009-HomeFranchise-Masterquery.md

AATH-009: HomeFranchise.Biz

Project Masterquery

Document Information

Field	Value
Document ID	AATH-009-MQ
Project Code	AATH-009
Version	1.0.0
Created	December 13, 2025
Status	 Planning
Priority	P3 - Medium

Project Overview

Mission Statement

Connect aspiring entrepreneurs with home-based and low-investment franchise opportunities through an AI-powered matching platform that simplifies the journey from interest to ownership.

Vision

Help 100,000 people achieve business ownership through franchising by making the process transparent, accessible, and successful.

Value Proposition

- **AI Matching:** Find your perfect franchise fit
 - **Verified Listings:** Only legitimate opportunities
 - **Due Diligence Tools:** AI-powered FDD analysis
 - **End-to-End Support:** From discovery to launch
-

Project Identity

Attribute	Value
Domain	homefranchise.biz
GCP Project	homefranchise-biz
Brand Colors	Trust Blue ( #1e40af), Success Green ( #16a34a)
Tagline	"Your Franchise Journey Starts at Home"

Platform Features

1. AI Franchise Matcher

FRANCHISE MATCHING QUIZ

 Investment Range

Under \$10,000 \$10K-\$50K \$50K-\$100K \$100K+

 Time Commitment

Part-time (10-20 hrs) Full-time Flexible

 Work Location

Home-based Mobile Small retail Any

 Industry Interest

Food & Beverage Health & Fitness Education

Home Services Business Services Pet Care

 Skills & Experience

[AI analyzes for best match]

[Find My Perfect Franchise →]

1. ServiceMaster Clean (94% match) - Home cleaning
2. Cruise Planners (91% match) - Travel agency
3. Kumon (88% match) - Education
4. Jazzercise (85% match) - Fitness
5. Dream Vacations (82% match) - Travel

2. Franchise Directory

Categories

- Home-Based Franchises
- Low-Cost Franchises (<\$50K)
- Part-Time Opportunities
- Veteran-Friendly
- Women-Owned Preferred
- Emerging Brands

Listing Information

- Investment breakdown
- Royalty structure
- Training provided
- Territory details
- Franchisee reviews
- Success metrics

3. Due Diligence Center

Tool	AI Service	Purpose
FDD Analyzer	Document AI + Claude	Parse disclosure documents
Financial Calculator	Vertex AI	ROI projections
Comparison Tool	Gemini	Side-by-side analysis
Review Aggregator	NLP	Analyze franchisee feedback
Legal Checklist	Claude	Key terms to review

FDD AI Analysis Example:

 FDD Analysis: XYZ Franchise

 Key Findings:

- Item 19 shows average revenue of \$X (top 25% earn \$Y)
- Royalty: 6% + 2% marketing = 8% total
- Initial investment range: \$X - \$Y

 Red Flags:

- High litigation history (Item 3)
- 15% turnover rate (Item 20)
- Territory restrictions unclear

 Positives:

- Strong training program (Item 11)
- Financing assistance available
- Growing unit count

 AI Score: 72/100 (Moderate Opportunity)

4. Resource Center

- Franchise 101 guides
- Financing options
- Legal document templates
- Business plan builder
- Success story interviews
- Franchise news & trends

5. Connection Hub

- Request franchise info
- Schedule discovery calls
- Connect with franchisees
- Find franchise attorneys
- Locate financing partners

AI Integration

Feature	AI Service	Function
Matching Algorithm	Vertex AI + Gemini	Personality-franchise fit
Document Analysis	Document AI	FDD parsing, comparison
Financial Modeling	Vertex AI	ROI predictions
Q&A Assistant	Claude API	Answer franchisee questions
Sentiment Analysis	NLP	Analyze franchisee reviews
NL Search	NL2SQL	"Show franchises under \$25K"

Revenue Model

Stream	Model	Price
Free Access	Basic features	\$0
Premium Member	Advanced tools	\$19/month
Franchisor Listing	Basic	\$199/month
Featured Listing	Premium placement	\$499/month
Lead Generation	Per qualified lead	\$50-\$200
Consulting Services	Hourly/Project	\$100-\$500/hr

Partnerships

Franchisor Partners

- Direct relationships with 500+ franchisors

- Exclusive deals for platform users
- Co-marketing agreements

Service Partners

- Franchise attorneys
 - SBA lenders
 - Franchise consultants
 - Insurance providers
 - Accounting firms
-

Development Roadmap

Q4 2026: MVP

- Franchise directory (200 listings)
- Basic matching quiz
- Resource center
- Lead generation system
- Beta launch

2027: Growth

- AI FDD analyzer
 - Full matching algorithm
 - Financial calculator
 - Mobile app
 - 1,000+ listings
-

Success Metrics

Metric	6 Month	12 Month
Monthly Visitors	10,000	100,000
Registered Users	2,000	25,000

Metric	6 Month	12 Month
Franchise Listings	200	1,000
Leads Generated	500	10,000
Successful Matches	20	200
MRR	\$3,000	\$30,000

⚠️ Compliance & Legal

- FTC Franchise Rule compliance
- No earnings claims without Item 19
- Clear disclosure of affiliate relationships
- Privacy policy for lead handling
- State registration awareness

✓ Action Items

#	Task	Owner	Due	Status
1	Franchise industry research	Irfan	Jun 1, 2026	
2	Franchisor outreach strategy	Saleem	Jun 15, 2026	
3	Legal compliance review	Saleem	Jul 1, 2026	
4	Directory database design	Irfan	Jul 15, 2026	
5	Matching algorithm spec	Irfan	Aug 1, 2026	

END OF ALL PROJECT MASTERQUERIES

Summary of Files to Create

Copy each section between the == separators into individual files:

File Name	Size	Location
AATH-001-Trading-Masterquery.md	~8KB	/Trading/
AATH-002-Community-Masterquery.md	~6KB	/Trading/projects/
AATH-003-KaamyabPakistan-Masterquery.md	~6KB	/Trading/projects/
AATH-004-InventGames-Masterquery.md	~5KB	/Trading/projects/
AATH-005-HerbalHomeo-Masterquery.md	~4KB	/Trading/projects/
AATH-006-MarketingAI-Masterquery.md	~6KB	/Trading/projects/
AATH-007-YouInventTech-Masterquery.md	~4KB	/Trading/projects/
AATH-008-NoCodeAI-Masterquery.md	~6KB	/Trading/projects/
AATH-009-HomeFranchise-Masterquery.md	~6KB	/Trading/projects/

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