

CORE CONCEPT

Build a platform where users pay \$1, get a 24h chat link, talk to "ONE AI AGENT", click EXECUTE, and watch live browser automation happen. Behind the scenes: multiple specialist agents coordinated via MCP, but user never knows.

Complete User Flow:

Landing page interaction → \$1 payment → Real agent interface → Chat with Agent PHOENIX-7742 → Say task → Click EXECUTE → Watch browser automation live

Technical Reality:

Landing page hooks user → Payment → Chat → MCP routes to specialist agents → Browser automation streams live → User sees magic

LANDING PAGE INTEGRATION

Reference File: [ai_control_center_white (8).html]

The provided landing page serves as the marketing funnel entry point with these key features:

- Interactive terminal commands Users can type commands and see responses before paying
- **Brain activation animation** Clicking the Al brain shows immediate visual feedback
- \$1/24H pricing prominently displayed Clear impulse purchase positioning
- "Perfect for deadlines" messaging Creates urgency psychology
- Contact section with multiple channels Builds trust and legitimacy

Landing Page Flow:

- 1. User arrives at landing page (white, professional theme)
- 2. Interacts with terminal commands (preview of capabilities)
- 3. Clicks brain or main action button
- 4. Redirected to Stripe \$1 payment
- 5. Payment success → Generate 24h mission link
- 6. Redirect to actual agent interface (dark terminal theme)

Design Philosophy:

Landing page (white theme): Accessible, professional, builds trust

Agent interface (dark terminal): Powerful, hacker-style, actual product

🔄 FREE AI AGENT FRAMEWORKS

Browser Automation Agents

- 1. Browser-Use 👚 PRIMARY CHOICE
 - **GitHub**: <a href="https://github.com/browser-use/brow
 - **Install**: [pip install browser-use]
 - **Features**: MCP integration, parallel tasks, cloud-ready

```
python
import asyncio
from browser_use import Agent, ChatOpenAl
async def main():
  agent = Agent(
    task="Execute user mission",
    Ilm=ChatOpenAI(model="qpt-4.1-mini"), # Replace with Ollama
  await agent.run()
```

2. Nanobrowser

- GitHub: https://github.com/nanobrowser/nanobrowser
- **Type**: Chrome Extension
- **Features**: Multi-agent system, local execution, Ollama support

3. Steel Browser

- **GitHub**: https://github.com/steel-dev/steel-browser
- **Install**: docker run -p 3000:3000 steeldev/steel-browser
- Features: Puppeteer/CDP control, session management

4. Browserable

- **GitHub**: https://github.com/browserable/browserable
- Features: Self-hostable, MongoDB integration

javascript

```
import { Browserable } from 'browserable-js';
const browserable = new Browserable({ apiKey: 'your-api-key' });
```

5. The Agentic Browser

- GitHub: https://github.com/TheAgenticAl/TheAgenticBrowser
- Features: PydanticAI-based, API interface

bash

POST http://127.0.0.1:8000/execute_task

{"command": "Find price of RTX 3060ti on amazon"}

6. BrowserOS

GitHub: https://github.com/browseros-ai/BrowserOS

Type: Chromium fork with native Al agents

• Features: Privacy-first, local execution

Multi-Agent Frameworks

7. AutoGPT

- GitHub: https://github.com/Significant-Gravitas/AutoGPT
- Setup: (git clone && ./setup.sh)
- Features: Agent marketplace, Forge framework

8. ChatDev

- GitHub: https://github.com/OpenBMB/ChatDev
- Features: Multi-agent collaboration, role-playing

bash

git clone https://github.com/OpenBMB/ChatDev.git pip install -r requirements.txt

9. AgentGPT

- GitHub: https://github.com/reworkd/AgentGPT
- Live: https://agentgpt.reworkd.ai/
- Features: Browser-based deployment

10. Kortix (Suna)

- GitHub: https://github.com/kortix-ai/suna
- **Features**: Docker execution, file management

CN FREE CHINESE AI MODELS

Local Models (Zero Cost)

Ollama Setup:

```
# Install Ollama
curl -fsSL https://ollama.com/install.sh | sh

# Chinese Models (ALL FREE)
ollama pull qwen2.5:7b  # Alibaba - general purpose
ollama pull qwen2.5:14b  # Larger version
ollama pull qwen2.5-coder:7b  # Coding specialist
ollama pull deepseek-coder:6.7b # DeepSeek coder
ollama pull yi:6b  # 01.Al model
ollama pull chatglm3:6b  # Zhipu Al
ollama pull baichuan2:7b  # Baichuan domain specialist

# API usage
ollama run qwen2.5:7b
```

LocalAl Setup:

```
bash

docker run -p 8080:8080 localai/localai:latest-aio-cpu local-ai run qwen2.5:7b
```

• **GitHub**: https://github.com/mudler/LocalAl

OpenWebUI Interface:

```
bash

docker run -d -p 3000:8080 \
--add-host=host.docker.internal:host-gateway \
-v open-webui:/app/backend/data \
--name open-webui --restart always \
ghcr.io/open-webui/open-webui:main
```

• **GitHub**: https://github.com/open-webui/open-webui

Cloud APIs (Free Tiers)

DeepSeek API 🎄 CHEAPEST

• Docs: https://api-docs.deepseek.com/quick_start/pricing

• **Pricing**: \$0.07/\$0.14 per 1M tokens

• Models: DeepSeek-V3, DeepSeek-R1, DeepSeek-Coder

Groq Free Tier

• Limit: 30 requests/minute free

• Models: Llama 3.1, Mixtral

Together Al

• Site: https://www.together.ai/pricing

• Free: \$5 credit monthly

TECHNICAL ARCHITECTURE

Unified Chat Interface

javascript		
		!

```
// UnifiedAgentInterface.jsx
import React, { useState, useRef } from 'react';
const UnifiedAgentInterface = ({ agentId, timeRemaining }) => {
 const [messages, setMessages] = useState([]);
 const [isExecuting, setIsExecuting] = useState(false);
 const [browserView, setBrowserView] = useState(null);
 const sendMessage = async (message) => {
  setMessages(prev => [...prev, { role: 'user', content: message }]);
  const response = await fetch('/api/unified-agent/chat', {
   method: 'POST',
   headers: { 'Content-Type': 'application/json' },
   body: JSON.stringify({
    agentld,
    message,
    conversationHistory: messages
   })
  });
  const data = await response.json();
  setMessages(prev => [...prev, {
   role: 'agent',
   content: data.response,
   hasExecutableTask: data.canExecute,
   taskDescription: data.taskDescription
  }]);
 };
 const executeTask = async (taskDescription) => {
  setIsExecuting(true);
  const browserStream = await fetch('/api/unified-agent/execute', {
   method: 'POST',
   headers: { 'Content-Type': 'application/json' },
   body: JSON.stringify({ agentId, task: taskDescription })
  });
  const streamUrl = await browserStream.json();
  setBrowserView(streamUrl.liveStream);
 };
 return (
  <div className="min-h-screen bg-black text-green-400 font-mono">
```

```
<div className="bg-gray-900 p-4 border-b border-green-400">
 <div className="flex justify-between items-center">
  <h1 className="text-2xl font-bold text-cyan-400">
   Al AGENT (agentId)
  </h1>
  <div className="text-red-500 font-bold">
   </div>
 </div>
</div>
<div className="flex h-full">
{/* Chat Panel */}
 <div className="w-1/2 p-4">
  <div className="bg-gray-900 rounded-lg p-4 h-96 overflow-y-auto mb-4">
   \{messages.map((msg, idx) => (
    <div key={idx} className={`mb-4 ${msg.role === 'user' ? 'text-cyan-400' : 'text-green-400'}`}>
     <div className="font-bold">
      {msg.role === 'user' ? ' ! YOU' : ' ! AGENT'}
     </div>
     <div className="ml-6">{msg.content}</div>
     {msg.hasExecutableTask && (
      <but
       onClick={() => executeTask(msg.taskDescription)}
       className="ml-6 mt-2 bg-red-600 hover:bg-red-700 px-4 py-2 rounded font-bold"
       disabled={isExecuting}
       {isExecuting?' → EXECUTING...':' ≠ EXECUTE TASK'}
      </button>
     )}
    </div>
  ))}
  </div>
  <ChatInput onSend={sendMessage} disabled={isExecuting} />
 </div>
{/* Live Browser View */}
 <div className="w-1/2 p-4">
  <div className="bg-gray-900 rounded-lg p-4 h-full">
   <h3 className="text-xl font-bold text-yellow-400 mb-4">
    LIVE AUTOMATION FEED
   </h3>
   {browserView?(
    <div className="relative">
```

```
<iframe
          src={browserView}
          className="w-full h-80 border border-green-400 rounded"
          title="Live Browser Automation"
         />
         <div className="absolute top-2 right-2 bg-red-600 text-white px-2 py-1 rounded text-xs">
         </div>
        </div>
      ):(
        <div className="flex items-center justify-center h-80 border-2 border-dashed border-gray-600 rounded">
         <div className="text-center text-gray-500">
          <div className="text-4xl mb-2"> $\forall </div>
          <div>Send a task and click EXECUTE</div>
          <div>to watch the magic happen</div>
         </div>
        </div>
      )}
      </div>
     </div>
    </div>
  </div>
 );
};
```

MCP Orchestrator

javascript

```
// services/MCPOrchestrator.js
class MCPOrchestrator {
 constructor() {
  this.specialists = {
   webResearch: new WebResearchAgent(),
   socialMedia: new SocialMediaAgent(),
   ecommerce: new EcommerceAgent(),
   coding: new CodingAgent(),
   formFilling: new FormFillingAgent(),
   dataExtraction: new DataExtractionAgent()
  };
  this.modelRouting = {
   webResearch: 'qwen2.5:7b',
   socialMedia: 'qwen2.5:7b',
   ecommerce: 'deepseek-coder:6.7b',
   coding: 'deepseek-coder:6.7b',
   formFilling: 'yi:6b',
   dataExtraction: 'gwen2.5:7b'
  };
 }
 async processUnifiedRequest(agentId, userMessage, conversationHistory) {
  const taskAnalysis = await this.analyzeUserIntent(userMessage);
  const requiredSpecialists = this.determineRequiredSpecialists(taskAnalysis);
  const unifiedResponse = await this.generateUnifiedResponse(taskAnalysis, requiredSpecialists);
  return {
   response: unifiedResponse.message,
   canExecute: unifiedResponse.isExecutable,
   taskDescription: taskAnalysis.task,
   internalPlan: requiredSpecialists
  };
 }
 async executeUnifiedTask(agentId, taskDescription) {
  const executionPlan = await this.createExecutionPlan(taskDescription);
  const browserSession = await this.startLiveBrowserSession(agentId);
  const execution = await this.coordinateSpecialists(executionPlan, browserSession);
  return {
   liveStream: browserSession.streamUrl,
   executionId: execution.id,
   activeSpecialists: execution.specialists
  };
```

```
async analyzeUserIntent(message) {
 const response = await this.callOllamaModel('qwen2.5:7b', `
  Analyze this user request and determine what needs to be done:
  "${message}"
  Respond with JSON:
   "task": "brief description",
   "category": "web_research|social_media|ecommerce|coding|form_filling|data_extraction",
   "complexity": "simple|medium|complex",
   "requiresBrowser": true/false,
   "estimatedTime": "1-5 minutes"
  }
 `);
 return JSON.parse(response);
}
determineRequiredSpecialists(taskAnalysis) {
 const specialists = [];
 switch(taskAnalysis.category) {
  case 'ecommerce':
   specialists.push('webResearch', 'ecommerce', 'formFilling');
   break;
  case 'social media':
   specialists.push('socialMedia', 'webResearch');
   break;
  case 'coding':
   specialists.push('coding', 'webResearch');
   break;
  case 'data_extraction':
   specialists.push('webResearch', 'dataExtraction');
   break;
  default:
   specialists.push('webResearch');
 }
 return specialists;
}
async generateUnifiedResponse(taskAnalysis, specialists) {
 const response = await this.callOllamaModel('qwen2.5:7b', `
  You are a unified Al agent. The user wants: "${taskAnalysis.task}"
  Respond as ONE agent who can do everything. Be confident and engaging.
```

```
End with "Click EXECUTE to watch me work!" if it's an executable task.
    Keep it conversational and exciting.
  `);
  return {
   message: response,
   isExecutable: taskAnalysis.requiresBrowser
  };
 }
 async coordinateSpecialists(executionPlan, browserSession) {
  const results = [];
  for (const step of executionPlan.steps) {
    const specialist = this.specialists[step.specialist];
    const model = this.modelRouting[step.specialist];
    const result = await specialist.execute(step.action, model, browserSession);
    results.push(result);
    await this.sleep(2000); // Let user see automation
  }
  return {
   id: this.generateId(),
    specialists: executionPlan.steps.map(s => s.specialist),
    results
  };
 }
 async callOllamaModel(model, prompt) {
  const response = await fetch('http://localhost:11434/api/generate', {
    method: 'POST',
    headers: { 'Content-Type': 'application/json' },
    body: JSON.stringify({
     model,
     prompt,
     stream: false
   })
  });
  const data = await response.json();
  return data.response;
 }
}
```

Specialist Agents

javascript	

```
// agents/WebResearchAgent.js
class WebResearchAgent {
 async execute(action, model, browserSession) {
  const browser = browserSession.browser;
  const page = await browser.newPage();
  const instructions = await this.getInstructions(action, model);
  // Execute with live browser (USER SEES THIS)
  await page.goto('https://www.google.com');
  await page.type('input[name="q"]', instructions.searchQuery);
  await page.press('input[name="q"]', 'Enter');
  const results = await page.$$eval('.g', elements =>
   elements.slice(0, 5).map(el => ({
     title: el.querySelector('h3')?.textContent,
     url: el.querySelector('a')?.href,
     snippet: el.querySelector('.VwiC3b')?.textContent
   }))
  );
  await page.close();
  return {
   specialist: 'webResearch',
   action,
   results,
   cost: 0.0000
  };
 }
 async getInstructions(action, model) {
  const response = await fetch('http://localhost:11434/api/generate', {
   method: 'POST',
   body: JSON.stringify({
     model,
     prompt: `Convert this action to search query: ${action}`,
     stream: false
   })
  });
  return JSON.parse((await response.json()).response);
 }
}
// agents/EcommerceAgent.js
```

```
class EcommerceAgent {
 async execute(action, model, browserSession) {
  const browser = browserSession.browser:
  const page = await browser.newPage();
  // Get shopping instructions from model
  const instructions = await this.getShoppingInstructions(action, model);
  // Execute e-commerce automation
  await page.goto('https://amazon.com');
  await page.type('#twotabsearchtextbox', instructions.searchTerm);
  await page.press('#twotabsearchtextbox', 'Enter');
  // Extract product info
  const products = await page.$$eval('[data-component-type="s-search-result"]', items =>
   items.slice(0, 3).map(item => ({
    title: item.querySelector('h2 span')?.textContent,
    price: item.querySelector('.a-price-whole')?.textContent,
    rating: item.querySelector('.a-icon-alt')?.textContent
   }))
  );
  await page.close();
  return {
   specialist: 'ecommerce',
   action,
   products,
   cost: 0.0000
  };
 }
}
// agents/SocialMediaAgent.js
class SocialMediaAgent {
 async execute(action, model, browserSession) {
  const browser = browserSession.browser;
  const page = await browser.newPage();
  const content = await this.generateContent(action, model);
  // Social media automation (example: LinkedIn)
  await page.goto('https://linkedin.com/login');
  // Handle authentication flow
  // Create and post content
  return {
```

```
specialist: 'socialMedia',
    action,
    contentCreated: content,
    cost: 0.0000
};
}
```

Live Browser Streaming

```
javascript
// services/LiveBrowserStream.js
class LiveBrowserStream {
 async startSession(agentId) {
  const browser = await chromium.launch({
   headless: false, // USER MUST SEE BROWSER
   args: ['--no-sandbox'],
   recordVideo: { dir: `recordings/${agentId}/` }
  });
  const recordingStream = await this.setupScreenRecording(browser);
  return {
   browser,
   streamUrl: `/live-browser/${agentId}`,
   recordingStream
  };
 }
 async setupScreenRecording(browser) {
  // Implementation for streaming browser to user
  // Use WebRTC or Socket.io for real-time streaming
 }
}
```

Payment Integration

in an and at		
javascript		

```
// routes/payment.js
const express = require('express');
const stripe = require('stripe')(process.env.STRIPE_SECRET_KEY);
const MCPOrchestrator = require('../services/MCPOrchestrator');
const router = express.Router();
const orchestrator = new MCPOrchestrator();
router.post('/create-payment-intent', async (req, res) => {
 const { agentType } = req.body;
 const paymentIntent = await stripe.paymentIntents.create({
  amount: 100, // $1.00
  currency: 'usd',
  metadata: { agentType, service: 'disposable-agent' }
 });
 res.json({ clientSecret: paymentIntent.client_secret });
});
router.post('/deploy-agent', async (req, res) => {
 const { paymentIntentId, agentType, userId } = req.body;
 const paymentIntent = await stripe.paymentIntents.retrieve(paymentIntentId);
 if (paymentIntent.status !== 'succeeded') {
  return res.status(400).json({ error: 'Payment not completed' });
 }
 const deployment = await orchestrator.deployAgent(userId, agentType);
 res.json({
  success: true,
  agentId: deployment.agentId,
  missionToken: deployment.missionToken,
  });
});
```

DATABASE SCHEMA

```
-- Agent Sessions
CREATE TABLE agent_sessions (
 id UUID PRIMARY KEY DEFAULT gen random uuid(),
 agent_code VARCHAR(20) UNIQUE NOT NULL,
 user id UUID,
 expires_at TIMESTAMP NOT NULL,
 status VARCHAR(20) DEFAULT 'ACTIVE',
 total_cost DECIMAL(10,4) DEFAULT 0.0000,
 tasks_completed INTEGER DEFAULT 0,
 created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);
-- Conversations
CREATE TABLE conversations (
 id UUID PRIMARY KEY DEFAULT gen_random_uuid(),
 agent_id UUID REFERENCES agent_sessions(id),
 role VARCHAR(10) NOT NULL,
 message TEXT NOT NULL,
 has executable task BOOLEAN DEFAULT FALSE,
 timestamp TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);
-- Task Executions
CREATE TABLE task_executions (
 id UUID PRIMARY KEY DEFAULT gen_random_uuid(),
 agent_id UUID REFERENCES agent_sessions(id),
 task_description TEXT NOT NULL,
 specialists_used JSONB,
 execution_plan JSONB,
 browser_recording_url TEXT,
 status VARCHAR(20) DEFAULT 'PENDING',
 cost DECIMAL(10,4) DEFAULT 0.0000,
 created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);
-- Indexes
CREATE INDEX idx_agent_sessions_expires_at ON agent_sessions(expires_at);
CREATE INDEX idx_conversations_agent_id ON conversations(agent_id);
CREATE INDEX idx_task_executions_agent_id ON task_executions(agent_id);
```

SETUP INSTRUCTIONS

Install Dependencies

```
# Backend
npm install express sqlite3 better-sqlite3 bullmq stripe
npm install playwright puppeteer cors helmet compression

# Frontend
npm install react terminal-in-react tailwindcss
npm install socket.io-client

# Al Models
curl -fsSL https://ollama.com/install.sh | sh
ollama pull qwen2.5:7b deepseek-coder:6.7b yi:6b
```

Environment Variables

```
# .env file

STRIPE_SECRET_KEY=sk_test_...

STRIPE_PUBLISHABLE_KEY=pk_test_...

JWT_SECRET=your-secret-key

OLLAMA_URL=http://localhost:11434

DATABASE_URL=sqlite:./agents.db

NODE_ENV=development
```

Start Services

```
# Start Ollama
ollama serve

# Start OpenWebUI (optional)
docker run -d -p 3000:8080 ghcr.io/open-webui/open-webui:ollama

# Start application
npm run dev
```

IMPLEMENTATION NOTES

Model Routing Strategy

```
javascript

const modelSelection = {

'simple_search': 'qwen2.5:7b',  // Fast, general

'complex_research': 'qwen2.5:14b',  // More capable

'coding_tasks': 'deepseek-coder:6.7b', // Specialized

'form_filling': 'yi:6b',  // Lightweight

'chinese_content': 'chatglm3:6b',  // Language specific

'ecommerce': 'deepseek-coder:6.7b'  // Automation focus
};
```

Browser Automation Requirements

- Must be visible to user
- Add delays between actions (2-3 seconds)
- Stream screen recording in real-time
- Handle multiple browser sessions
- Auto-cleanup after 24 hours

Agent Codename Generation

```
javascript

const generateAgentCode = () => {
  const prefixes = ['PHOENIX', 'CYBER', 'GHOST', 'VIPER', 'SHADOW', 'NEXUS', 'OMEGA'];
  const prefix = prefixes[Math.floor(Math.random() * prefixes.length)];
  const suffix = Math.floor(Math.random() * 9999).toString().padStart(4, '0');
  return `${prefix}-${suffix}`;
};
```

Cost Tracking

```
javascript

const trackCosts = {

aiModel: 0.0000, // Free Ollama

browser: 0.0000, // Free Playwright

server: 0.005, // Minimal compute

total: 0.005 // Target under $0.01
};
```

6 KEY IMPLEMENTATION POINTS

- 1. User sees ONE agent Never expose multiple specialists
- 2. Live browser automation User must watch automation happen
- 3. FREE models only Use Ollama for all AI calls
- 4. MCP coordination Route tasks to appropriate specialists
- 5. **24-hour expiration** Auto-terminate agent sessions
- 6. Hacker aesthetic Terminal theme, green text, codenames
- 7. **EXECUTE button** Clear trigger for automation
- 8. **Real-time streaming** Browser actions must be visible

Core Files Needed:

- (UnifiedAgentInterface.jsx) Main user interface
- (MCPOrchestrator.js) Task routing and coordination
- (SpecialistAgents/) Individual agent implementations
- (LiveBrowserStream.js) Browser automation streaming
- (PaymentHandler.js) Stripe integration
- (database.sql) Schema setup

External Dependencies:

- Ollama (Al models)
- Playwright (browser automation)
- Stripe (payments)
- Socket.io (real-time streaming)