# Vegan Map AI – Final Prompt за Web App

## 🧠 System Overview

- App Name: Vegan Map AI  
- Type: Progressive Web App (mobile-first, desktop-friendly)  
- Login: Only via Apple / Google (OAuth2)  
- AI Backend: CrewAI agents via REST API  
- Map Source: Google Maps JavaScript API  
- Design: Minimalist, elegant, modern, white/green/gray  
- Fonts: Poppins (titles), Open Sans (body)  
- Voice: Whisper for STT, ElevenLabs for TTS (not implemented in MVP)

## 📲 Screens to Build

## 🔐 1. Login Screen

- Apple + Google OAuth buttons only.  
- After login:  
 - New user → goes to Profile Setup  
 - Returning user → goes to Main Map

## 👤 2. Profile Setup (Multi-step)

- Step 1: Dietary style → Vegan / Vegetarian / Flexitarian  
- Step 2: Allergies → checkboxes + custom input  
- Step 3: Preferred cuisines → multi-select  
- Step 4: Price range → $, $$, $$$, $$$$  
- Option: “Skip – use default profile” → creates predefined vegan profile

## 🗺️ 3. Main Map Screen

- Map loads with 2 km radius, displays only pins within 1.5 km  
- Based on user geolocation (via Geolocation API)  
- Pin behavior:  
 - Vegan Score shown inside colored bubble (green if ≥ 8)  
 - Name shown on zoom level >15  
 - Click shows action menu:  
 • “Разгледай” → opens restaurant detail screen  
 • “Навигация” → opens Google Maps directions  
 • “Резервирай” → opens reservation\_url in new tab  
 • “Поръчай онлайн” → opens delivery\_url in new tab  
 • “Запази като любим” → triggers MemoryAgent  
- Search bar (with autocomplete): allows city/restaurant name/cuisine input  
- Manual zoom/pan allowed during session  
- Default radius restored on reload

## 💬 4. AI Chat Agent Screen

- Chat interface with:  
 • Text input  
 • Optional microphone icon (voice optional)  
 • Agent can:  
 – Explain Vegan Score  
 – Recommend places  
 – Answer vegan-related questions  
- Backend: REST API → ExplainabilityAgent, RecommendationAgent, etc.

## 📋 5. Restaurant Details Screen

- Info:  
 • Vegan Score (main)  
 • Taste Match / Health Fit  
 • Score breakdown (6 categories)  
 • Allergen check vs user profile  
 • Reviews (read-only)  
 • Buttons: Резервирай / Поръчай онлайн (external links)

## 🧠 6. Analytics and Adaptation

- All user behavior tracked and aggregated monthly by AnalyticsAgent  
- Examples of tracked actions:  
 • Zoom/pan preferences  
 • Searches in other cities/countries  
 • Button usage  
 • Session activity  
- Monthly report can suggest system setting changes (e.g., default zoom)

## 📎 7. Other Screens

- Advanced Search: filters by score, allergens, price, cuisine, etc.  
- Profile: manage preferences, favorites, search history, logout

## 🔌 Backend API Placeholder Calls

- Use fetch('/api/agent-name', { method: 'POST', body: JSON })  
- Simulate agent responses for frontend demo

## 🧭 UX Considerations

- Mobile-first, fully responsive  
- Minimalist and clutter-free  
- Tab navigation bar (Map, Search, Agent, Profile)  
- Autocomplete search  
- Supports planning in other cities/countries

## 🔚 Deliverable

- index.html – main app shell  
- style.css – styling  
- script.js – interactions, API logic (stub)  
- Optional: manifest.json + service-worker.js for PWA  
- No backend logic included – simulate agent responses