**GardenScape Pro**

Garden design app: AI powered and interactive ornamental plant gardens with photorealistic visualization over the seasons.

* **Interactive 2D Layout:** Drag-and-drop editor, grid system, design individual or AI generated, hedge designer.
* **Plant Database:** Botanical names, hardiness zones, site requirements (15-20 Perenual data fields). Images AI generated.
* **AI-Driven Visualization:** Photorealistic 3D garden images, text-to-image AI (Google Gemini Flash 2.5) based on 2D layout data
* **Location-Specific Adaptation:** Local conditions, climate zone (Visual Crossing) and garden parameters feeding gardening advice by AI Compagnon
* **5 step UI / 10 Main Pages**: **Hero** – **1** home/auth and pricing **2** Garden properties (metric or imperial, location, climate report, size, shape in interactive canvas, slope, sun, soil type , soil ph., , incl. upload of images of garden site) **3** Plant preferences (incl. no tox, colors, plant types, bloom time etc.); workflow either individual or designed by AI  **4** Garden design by AI and manual (iterating) **5** Blueprint output
  + - * 1. **- Admin:** 1 Plant database management & Plant import wizard & scraping 2 testing tools, 3 security 4 system, 5 API Key manager 6 User management, 7 to do list
* **Plant doctor:** 1 plant identification, 2 weed identification, 3 plant disease; by Anthropic Claude
* Plant database in admin (managed) and **Plant library (public/free)**
* **Mycollection (premium):** personal selection
* **Navigation:** hybrid approach, browser independent: Hero – step 1-5 – admin (only on hero), direct access to plant doctor, MyCollection, plant library, premium dashboard
* **Stripe**

**Design**

* British Heritage; icons=garden tools, watering cans; no advertising; sober, clean

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| --- | --- | --- | --- | --- |
| 004025  British racing green | 107838  Dark spring green | 1DB233  Dark pastel green | FFE523  Canary | FFD500  Gold |

**Key Features:**

* Pure AI image generation approach
* design process = hybrid of manual and AI
* Multiple viewing angles and perspectives of same garden through the seasons
* Botanical database integration (Perenual, iNaturalist, GBIF, Perplexity), multiple source import and validation modal, advanced search
* AI knowledge base for support and advice
* Plant doctor
* Focus on ornamental plants and hedges (perennials, hedges, decorative species
* Free, pay per design and premium tiers
* Premium dashboard

**Target Audience:** Hobby gardeners, ornamental garden design enthusiasts and professional gardeners