Here is the updated project plan, version 2.2.

Project Plan 2.2 - Subscotia Vault

Part 1: The Work Plan

1. Core Philosophy & Roles

This project will be executed using a professional, AI-assisted development model. Our collaboration will be structured into the following roles to maximize efficiency and creativity:

- **Product Director (Drew):** You define the high-level goals, features, and desired outcomes for the application. You are the final arbiter of the project's direction.
- **Project Manager & IDE (Bolt DIY):** This tool will manage our workflow. It will take your high-level prompts, orchestrate the interaction with me, handle the creation of the multi-file project structure, and provide a local development playground for immediate testing.
- **Code Engine (Gemini 2.5 Pro):** My role is to act as the lead developer. I will generate high-quality, complete codebases based on the structured requests from Bolt DIY, and I will assist with advanced refactoring, debugging, and strategic technical advice.

2. The Development Workflow

Each new feature will be developed using the following three-step process:

1. **Strategy & Ideation (S&I):** This happens in our chat. We discuss the feature, brainstorm creative approaches, explore technical possibilities, and decide on a final plan. My creative and advisory input is centered here.
2. **Execution:** You provide the high-level goal from our S&I session to Bolt DIY. Bolt DIY manages the prompting process, and I generate the necessary code and file structure.
3. **Testing & Refinement:** You test the generated feature in the Bolt DIY playground. We can then return to the S&I phase to discuss and implement any necessary refinements or improvements.

3. Project Phases (Updated)

- **Phase 1: Backend Foundation & API**
  - **Status:** ✅ Complete
- **Phase 2: Frontend UI/UX - The "Tasty" Interface**
  - **Status:** ✅ Complete
- **Phase 3: Advanced Functionality & Interactivity**
  - **Status:** ✅ Complete
- **Phase 4: Data Management Interface**
  - **Status:** ✅ Complete
- **Phase 5: UI/UX Refinement**
  - **Status:** 🟡 In Progress (Next Step)
  - **Tasks:**
    - 5.1: Redesign filter layout into a compact format (e.g., multi-column or collapsible sections).
    - 5.2: Implement "Smart" Search within each filter category to quickly narrow down options.
- **Phase 6: Production Deployment**
  - **Status:** ⚪ Not Started
  - **Tasks:** Configure Nginx & Gunicorn on the server, deploy the application, and set it up as a service.

Part 2: Getting Started with Bolt DIY

This section outlines the one-time setup required on your subwin machine.

1. Installation

Bolt DIY is a free and open-source application that runs locally. The main dependencies are Node.js and the pnpm package manager.

1. **Install Node.js:** Download and install the latest LTS (Long-Term Support) version of Node.js from the official website.
2. **Install pnpm:** Open a new PowerShell or Terminal window and run the command: npm

install -g pnpm.
3. **Install Bolt DIY:** Follow the official installation instructions on the Bolt DIY GitHub page.

2. Acquiring Your Google AI API Key

To allow Bolt DIY to use me (Gemini 2.5 Pro), you need to provide it with a Google AI API key. This operates on a pay-as-you-go model with a generous free tier for development.

- **Steps to get your key:**
  1. Go to **Google AI Studio**.
  2. Sign in with your Google account.
  3. Click **"Get API key"** and then **"Create API key in new project"**.
  4. Copy the generated key and save it securely.

3. Configuration

Once installed, configure Bolt DIY in its settings area to use the Gemini 2.5 Pro model and paste in your API key to authenticate requests.