**Golden Menu App – Documentation**

# Overview

Golden Menu is a user-friendly web application designed to help individuals generate healthy and personalized 7-day meal plans. It emphasizes clean UI, ease of use, and accessibility, with AI-powered meal generation based on user preferences. This version (v.0.1) focuses on core functionalities and provides room for scalable upgrades in the future.

# Project Structure

Backend ASP.NET MVC

* Home-Controller: Handles landing and Informational pages.
* Meal-Plan-Controller: Manages AI interactions and meal plan generation.
* User-Controller: Responsible for user authentication.

AI Integration

* Integrated with ChatGPT.
* Structured prompts for dietary needs, preferences, and restrictions.
* Outputs a readable 7-day meal plan for users.

# Core Functionalities

* User Authentication:
  + Email and Password-based login / register.
  + Minimal user data collection for privacy.
  + Update the Core data like First and Last Name, Password (Saw some issues, but working towards it too), Email won’t be updated upon User.
* AI Meal Plan Generation:
  + Form to collect dietary inputs.
  + Ease of options like Manual Input Entry or Choose default options.
  + Structured JSON requests to AI.
  + Results shown in user-friendly layout.
* Senior-Friendly User Interface:
  + Large buttons, readable fonts, and simple navigation.
  + Optimized for mobile and tablet devices.
  + Calming color palette and light theme.
  + Guided sections and Privacy Policy.
* Accessibility and Design:
  + High-Contrast layout.
  + Icons used for clarity.
  + Smooth animations that don’t distract or confuse.

# Not Yet Implemented (If any needed)

* Meal history or saved plans.
* Sharing via email.
* Dark Mode support.
* Settings and Preferences customization.
* Voice Assistance.
* Reminders and Notifications.
* Admin Panel (For tracking purposes).
* No Password Reset Functionality on Login Page.

# Final Notes

The Golden Menu has been developed with a strong focus on senior usability, intuitive flow, and modular structure. While the current version prioritizes essential features and user experience, the app is designed for scalability and there is yet more to be improved. Future updates will evolve the product into a comprehensive digital meal planning assistant with real-time support, content sharing, and advanced personalization and more.

I welcome feedback and collaboration to ensure the application serves your vision and your user’s needs.