

APPENDIX

Appendix A: Source Code

```
(import streamlit as st
import pandas as pd
import random
import time

# ----- PAGE CONFIG ----- #
st.set_page_config(
    page_title="NutriGen - Advanced Nutrition AI",
    page_icon="🥗",
    layout="wide"
)

# ----- CUSTOM DARK THEME ----- #
st.markdown("""
<style>
body { background-color: #0e1117; }
.block-container { padding-top: 2rem; }
h1, h2, h3, h4, h5, h6, p, label { color: white; }
</style>
""", unsafe_allow_html=True)

# ----- SIDEBAR ----- #
st.sidebar.title("🥗 NutriGen AI")
st.sidebar.markdown("### Choose Scenario")

scenario = st.sidebar.radio(
    "",
    [
        "🎯 Tailored Meal Planning",
        "📊 Dynamic Nutritional Insights",
        "💬 Virtual Nutrition Coaching"
    ]
)

# (Full application logic continues as implemented in project submission)
)
```

Appendix B: Dataset Description

This dataset contains nutritional information used for analysis and visualization in the Advancing Nutrition Science through Gemini AI project.

Appendix C: Project Links

GitHub Repository :

<https://github.com/NSMFAYAK/Advancing-Nutrition-Science-GeminiAI>

Project Demo Video:

https://drive.google.com/file/d/1_61qg794b4-SuxJ2e12lReKa-SV3FwbZ/view?usp=drivesdk