Web Application

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WEB APPLICATION: Universal Food Recipe Generator
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Framework: Gradio
URL: http://127.0.0.1:7860
File: src/web_app_large.py


FEATURES:
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1. Image Upload - Upload any food photo
2. Food Recognition - AI identifies the dish
3. Confidence Scores - Shows top 5 predictions
4. Recipe Display - Ingredients and instructions
5. Cuisine Detection - Indian or Western


SUPPORTED CUISINES:
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Indian (80 dishes):
- Biryani, Butter Chicken, Naan, Dosa, Idli
- Paneer Tikka, Dal Makhani, Palak Paneer
- Gulab Jamun, Jalebi, Rasgulla, Ras Malai
- And 68 more...


Western (101 dishes):
- Pizza, Hamburger, Sushi, Ramen, Tacos
- Pasta, Steak, Cheesecake, Tiramisu
- Caesar Salad, Fish & Chips, Paella
- And 90 more...


RECIPE DATABASE:
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- 181 complete recipes
- Ingredients list for each dish
- Step-by-step cooking instructions
- Cuisine type identification
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Running the Application

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HOW TO RUN THE WEB APP:
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Step 1: Navigate to project
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Food Recipe Generator - Web Application

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cd "c:\Users\91638\Desktop\Capstone Sux\inversecooking\src"


Step 2: Activate virtual environment
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..\..\venv\Scripts\activate


Step 3: Run the application
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python web_app_large.py


Step 4: Open in browser
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http://127.0.0.1:7860


USAGE:
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1. Click "Upload Food Image"
2. Select an image of food
3. Click "Identify Food & Get Recipe"
4. View prediction and recipe


OUTPUT INCLUDES:
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- Predicted food name
- Cuisine type (Indian/Western)
- Confidence percentage
- Top 5 predictions with bars
- Complete recipe with ingredients
- Step-by-step instructions
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