



AI-TISTS

# Landmark Lens

“Travel with Curiosity,Discover with AI”

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# Problem Statement

Tourists often struggle to access instant and accurate information about landmarks. Traditional guidebooks and online searches are time-consuming and lack personalization.

Accessibility challenges make it difficult for some travelers to engage with historical sites.

**Landmark Lens** uses AI to provide real-time descriptions of landmarks via images and text prompts.

The app offers historical insights, architectural details, and interesting facts to enhance exploration.

With user-friendly features, it enriches travel experiences for tourists worldwide.

# Our Goals



## Goal # 1

**Provide Instant Landmark Information :** Deliver AI-generated descriptions of landmarks through image uploads or text input.

## Goal # 2

**Simplify Exploration and Learning :** Make discovering landmark information seamless and hassle-free without needing extensive research.

## Goal # 3

**Promote Cultural Appreciation:** Foster a deeper connection with global heritage sites by providing engaging and educational content.

# Tools & Technologies

## Frontend

Built using HTML, CSS, and JavaScript for a user-friendly interface.

## Backend

Developed with Flask (Python) to handle requests and manage AI interactions.

## AI Integration

Utilizes Gemini Vision Pro for landmark recognition and generating descriptions.

## Image Processing

Uses Python Imaging Library (PIL) for handling image inputs.

# Future Impacts

- 1 **Revolutionizing Travel Planning:** AI-driven insights could become an essential tool for travelers.
- 2 **Cultural Preservation:** Helps document and promote historical landmarks for future generations.
- 3 **Smart Tourism Integration:** Potential to collaborate with smart city initiatives for AI-enhanced navigation.
- 4 **Educational Growth:** Can be used in schools and universities to enhance history and architecture learning.
- 5 **Business Expansion:** Future potential for partnerships with travel companies, museums, and local tourism boards.

# Thank You

