Team Yellow - Lab 1 Outline

1. Introduction

When people travel domestically or abroad, their main goals are enjoyment, discovering new cultures, and relaxation. In 2023, approximately 48.98 million U.S. residents ventured overseas (3). According to UN Tourism, international tourist arrivals hit 96% of pre-pandemic levels in January-July 2024; 790 million tourists traveled internationally in the first seven months of 2024, about 11% more than in 2023 (15). While travelers seek cultural immersion and authentic experiences, preparing for a safe, meaningful trip can be daunting. Travelers often have to search multiple sources of information, such as travel blogs, guidebooks, safety alerts, and government advisories. This information is usually incomplete, outdated, or superficial (paid reviews), leaving travelers with insufficient research on their destination. This lack of knowledge can expose them to law, safety, and health risks, diminishing their trip enjoyment. They may also encounter challenges like crime, unsafe water, poor sanitation, language barriers, and cultural differences, making finding help difficult. As a result, many stick to crowded, well-known spots or fall into tourist traps due to uncertainty about where to explore. That is where our product, WiseTraveler, comes in. WiseTraveler is a Centralized AI Travel Guide that provides a hassle-free, comprehensive experience, allowing travelers to focus on the journey without the stress of navigating multiple sources of information. It also encourages exploration beyond mainstream tourist spots, offering unique, culturally immersive experiences while keeping travelers informed and safe. WiseTraveler consolidates all essential travel information so users can avoid juggling multiple sources of information, provides a map feature for discovering lesser-known spots and local events, and sends alerts for region-specific risks. WiseTraveler keeps travelers informed and delivers tailored suggestions for destinations, attractions, and activities based on user preferences, making trip planning more straightforward and personalized.

2. WiseTraveler Product Description

    2.1. Key Product Features and Capabilities

    2.2. Major Components

        2.2.1. Hardware

        2.2.2. Software

3. Identification of Case Study

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