# Safe Path Airport Assistant – A Multilingual Smart Guide for Passengers

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# Airport Assistant

A multilingual smart application to assist in airport navigation.

Select Language

हिन्दी English

SUBMIT

# Project Overview

## Problem

Airport navigation creates stress, especially for those who don't speak the local language.

## Solution

Our goal is to help such users get **clear, personalized instructions** in their **native language**.
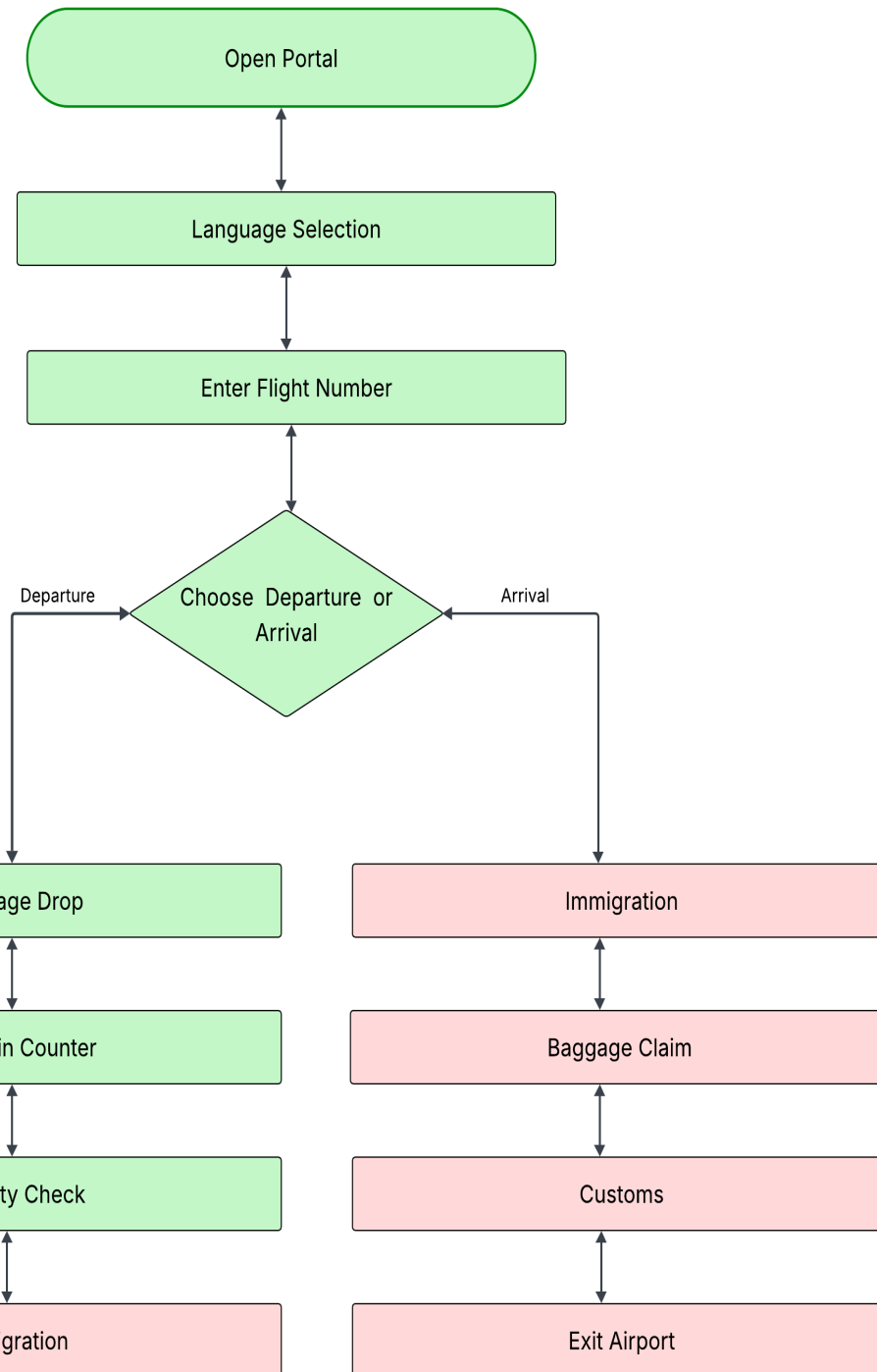
## Key Features

Flight lookup showing terminal, gate, baggage claim, and status information.

## Technology

Built using React.js for a responsive, component-based architecture.

# Core Functionality – Flight Number Lookup

# Multilingual Support

# 200+ languages

# Technology Stack – React.js

**Performance**

Virtual DOM enables efficient updates

**Component Architecture**

Reusable UI elements improve development efficiency

**Responsive Design**

Adapts to all screen sizes
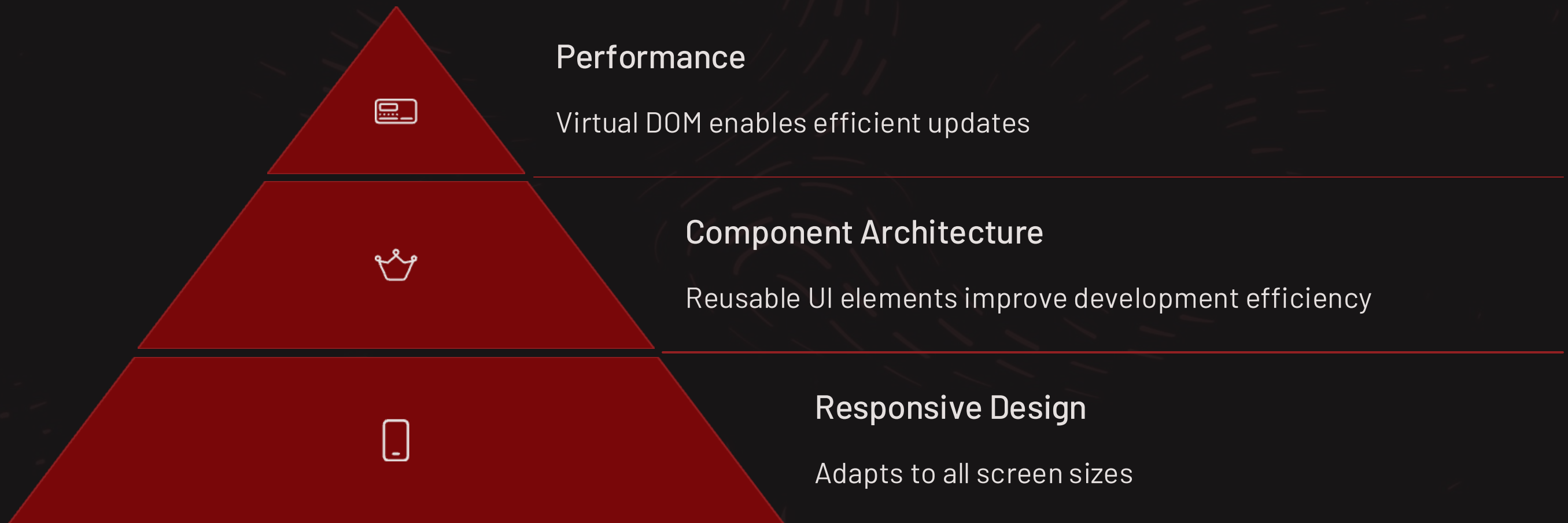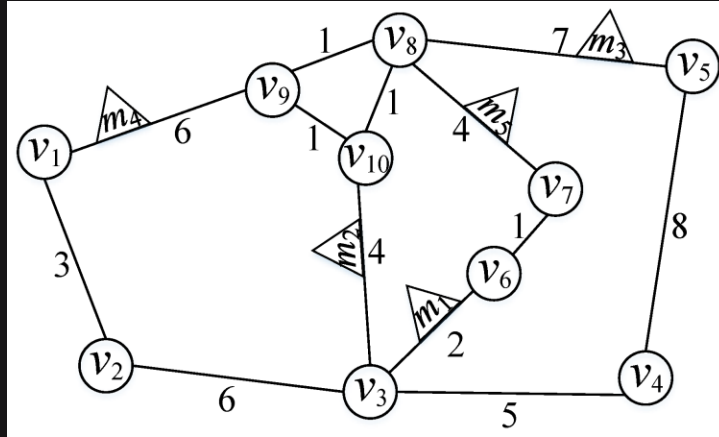
# Challenges and Future Enhancements

### API Integration

Connect to real-time flight data services.

### More Languages

Expand support to include additional languages.

### Airport Maps

Add interactive wayfinding features.

### Personalization

Create user profiles with saved preferences.

# Conclusion and Q&A

## Practical Solution

Airport Assistant addresses real traveler pain points with a simple, effective interface.

## Future Potential

Framework established for expanded features and real-world implementation.

Thank you! Questions?