***Date of Accessibility and Usability Assessment: 24/12/2024***

***Name of Project: TravelPal***

***Student Name: Benedict Chukwubuikem Benson***

# Introduction

This is a brief assessment report of your Mobile/Web application in terms of its Accessibility and Usability.

# Accessibility Check

*Please examine this checklist and indicate whether you have considered the list of issues.*

***Accessibility check list:***[*https://ux.princeton.edu/accessibility/accessibility-checklist*](https://ux.princeton.edu/accessibility/accessibility-checklist)

*Please indicate whether your App is compliant with the items on this list and if you will take action to correct it. (y/n). Later in this report you will be required to justify your action/inaction*

1. **Provide Text Alternatives for Images**

**Compliant:** n **Action:** *No text alternatives at the moment, but something I will look into.*

1. **Use Headings to Create Structure**

**Compliant:** y **Action:** *I am already using headers to give my project structure.*

1. **Use Bullet & Number Feature to Make Lists**

**Compliant:** n **Action:** *Currently, nothing in my project requires them, but they will be used where necessary.*

1. **Provide Headings and Summaries for Tables**

**Compliant:** n **Action:** *Once I create my Itinerary tables, they will have customizable headings and summaries.*

1. **Provide a Strong Color Contrast**

**Compliant:** y **Action:** *The colors I am using, compliment each other.*

1. **Provide Clear and Meaningful Links**

**Compliant:** y **Action:** *All the pages I currently have on the site link to one another.*

1. **Provide Identification for Languages**

**Compliant:** n **Action:** *Have not implemented this.*

1. **Avoid Using Images of Text**

**Compliant:** y **Action:** *I don’t do this.*

1. **Avoid Using Tables for Layout**

**Compliant:** y **Action:** *I don’t do this.*

1. **Avoid Using Sensory Characteristics**

**Compliant:** y **Action:** *I avoid this.*

1. **Avoid Using Color Alone**

**Compliant:** y **Action:** *I avoid this.*

Assessment

*In evaluating my application, I've identified several areas where accessibility could be improved. Currently, the images in the app do not have text descriptions. I aim to fix this by adding descriptions for each image. While the application currently has suitable titles and headings, I am also considering the addition of concise summaries for tables to further boost accessibility, where relevant.*

*My goal is to significantly enhance these aspects, with the aim of making the app more user-friendly and accessible.*

Action

*To address the identified issues, I will take the following steps:*

1. *Add text descriptions to all images in the app, ensuring they are clear and informative.*
2. *Implement concise summaries for tables, where they exist, to provide context and enhance understanding for all users.*
3. *Conduct a thorough review of the app's user interface to ensure that titles, headings, and navigation are intuitive and accessible.*

Justification for implementing improvements to you App

*The focus on these specific improvements stems from their high impact on user accessibility and experience. Adding image descriptions and table summaries are crucial for users with visual impairments, as it allows screen readers to convey the content effectively. Improving titles and headings not only benefits visually impaired users but also enhances the overall clarity and usability of the app for all users. These enhancements make the app more inclusive and user-friendly.*

**Web accessibility resources:**

<https://guides.cuny.edu/accessibility/whyitmatters#:~:text=WCAG%202.0%20is%20based%20on,operable%2C%20understandable%2C%20and%20robust.>