Name: Justin Huang

Class: CISC 3141 U9

Project Proposal

General Problem

Due to COVID-19 and the pandemic because of the virus, we have shifted away from the idea of working in an office setting to one where workers can work remotely away from the office. As a result, people opted to move from states that had high cost of living such as New York, New Jersey, and California to states such as Oregon, Wyoming, and Arizona. The issue that arises from the migration of office workers seeking a lower cost of living is that, inevitably they are moving away from their friends and family.

Proposed Solution

The proposed solution is to create a system in which simplifies the logistics of planning a group trip involving trips involving purchases of air fares. The solution would be in a form of a website in which users would be able to create a room to invite their friends. Within the room, each user would be prompted to enter several bits of information to help figure out the logistics of planning the trip. The end results would return a suitable timeframe in which the trip could take place as well as plane ticket prices that suits the individual, else it would give notice to where issues are occurring when planning.

**Outline**

1. Home – Root (Top level – parent page)
   * Title on the top center of the page
   * [Login / Create new Group] in the middle of the page on top of a background image
     1. Form to enter your group id and a submit button
     2. A Create Group button redirecting you to a create group page

* Travel Blog on the bottom left
  1. Embedded Travel blog scaled to take 50% of the bottom left page
* U.S news article on vacation locations on the bottom right
  1. Embedded U.S news article scaled to take 50% of the bottom right page

1. Syntax – HTML (child page)

* Basic Structure: DOCTYPE, head, title, body
* Tags

-Regular Tags <></>

* + - List 🡪 <ul></ul>, <li></li>
    - Form 🡪 <form></form>, <input></input>

-Special Tags <></>

* <link rel= “” href>
* Diagram

  Description automatically generated<iframe src></iframe>

1. Syntax – CSS (Child Page)

* Selector
* Classes / Id
* Inline
* Internal
* External

1. Styling – CSS (Child Page)

* .Background
* Background-image: url(“HomepageBackground.jpg")
* Height: 50%
* Position: Relative
* .MainNext
  + Font-Size: 20px
  + Border-Radius: 25px
  + Background-Color: lightslategray
  + Position: absolute / Center of the image

**Diagram**

**Diagram

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