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Fall semester, 2020

CSIS-1280-004(Multimedia Web Development)

**Project Report**

**1.Title of the project :**

**Travel Together** (Travel Information Sharing Site)

**2.Brief description of the project**

1. Concept
   * The site shares good places to travel with children, destinations with themes such as movies and food, various memories of the place, and information on the travel routes.
2. Development focus

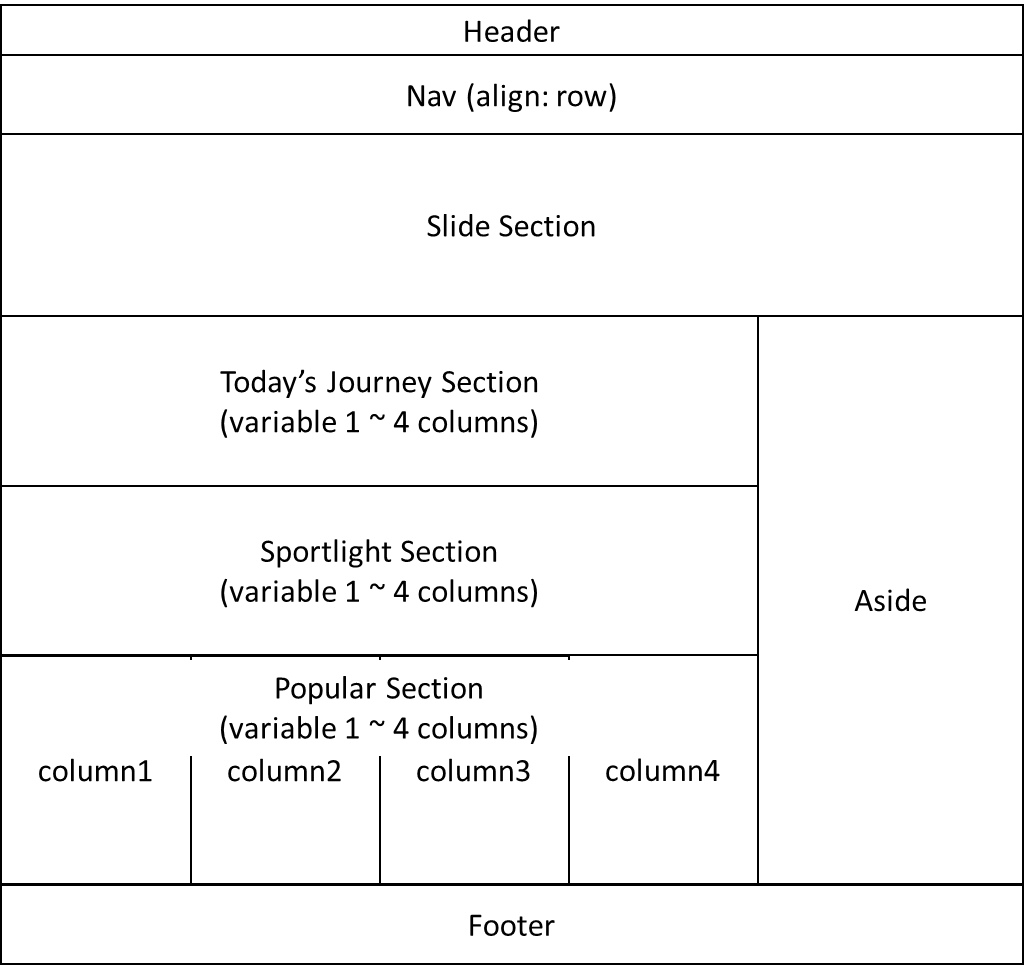
* The column layout of the topical sections of the pages should be arranged according to the data and responded to the resolution of the devices.

1. Development and reason in the three phases
   * Phase I : HTML coding & fill out contents that fits on the subject sections
   * Phase II : Separate contents data from HTML.
   * Phase III : Convert static HTML code to dynamic JAVA SCRIPT code
   * Reason : The reason why I developed this site in three stages is because I wanted to utilize what I learned in class as much as possible and implement it. Because of that, it took a lot of time, but I could learn a lot by using many things related to web development.

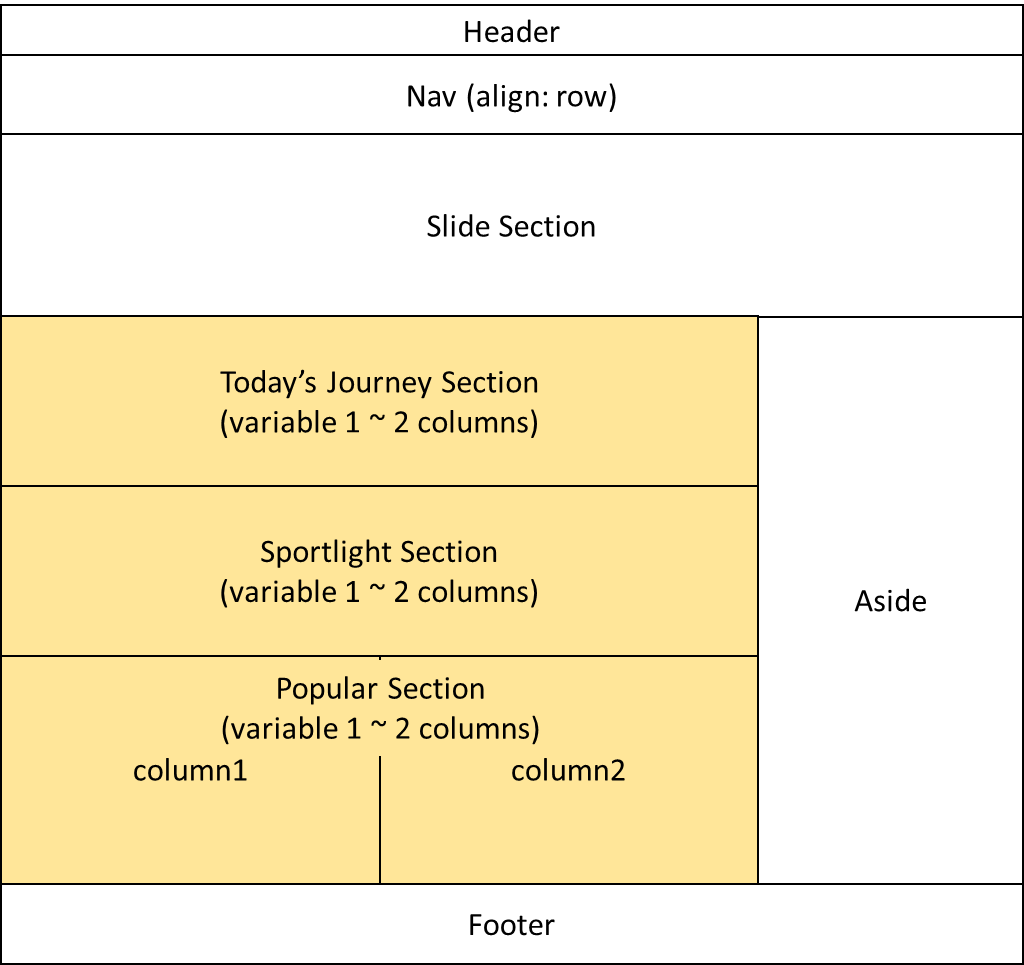
**3.Wireframe**

**1) Home Menu**

Desktop display (use minimum width: 320px and maximum width: 1200px)

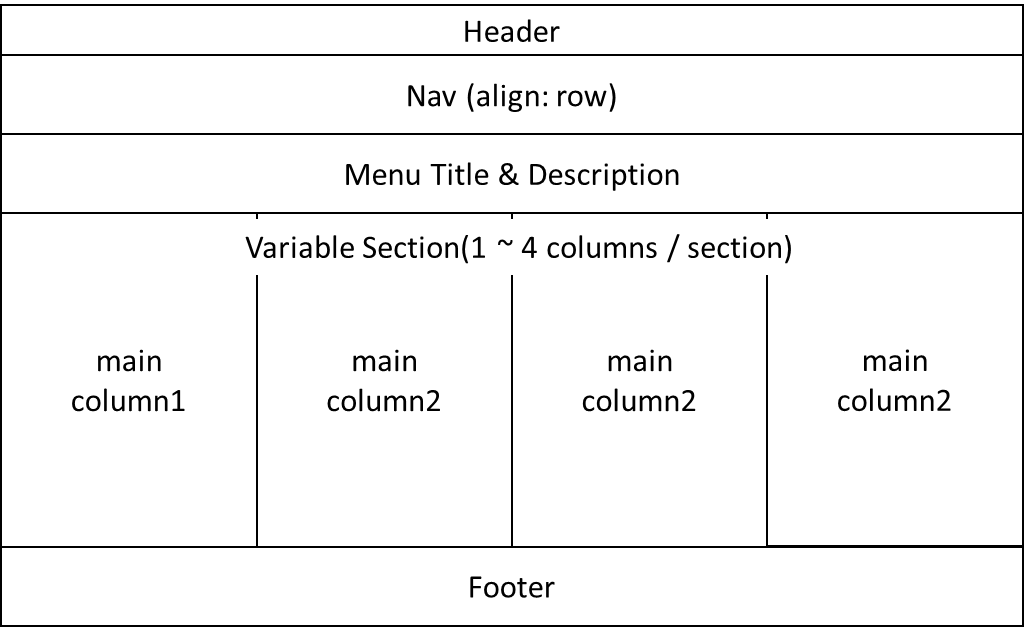


Tablet display (use minimum width: 320px and maximum width: 1024px

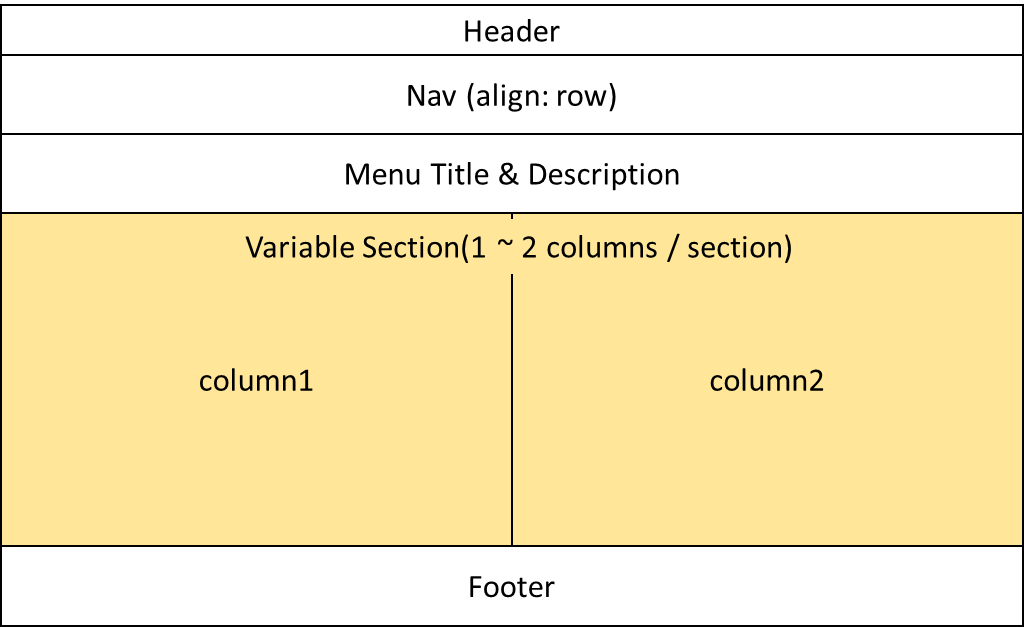


**2) Other Menu**

Desktop display (use minimum width: 320px and maximum width: 1200px)

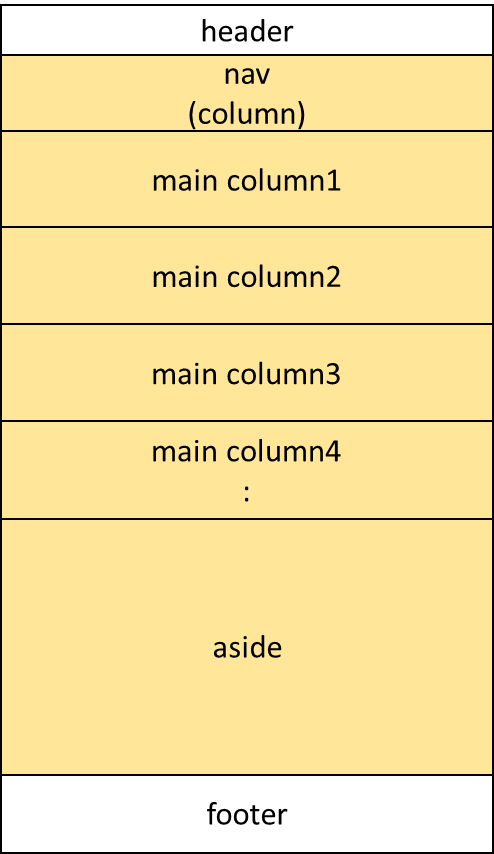


Tablet display (use minimum width: 320px and maximum width: 1024px)

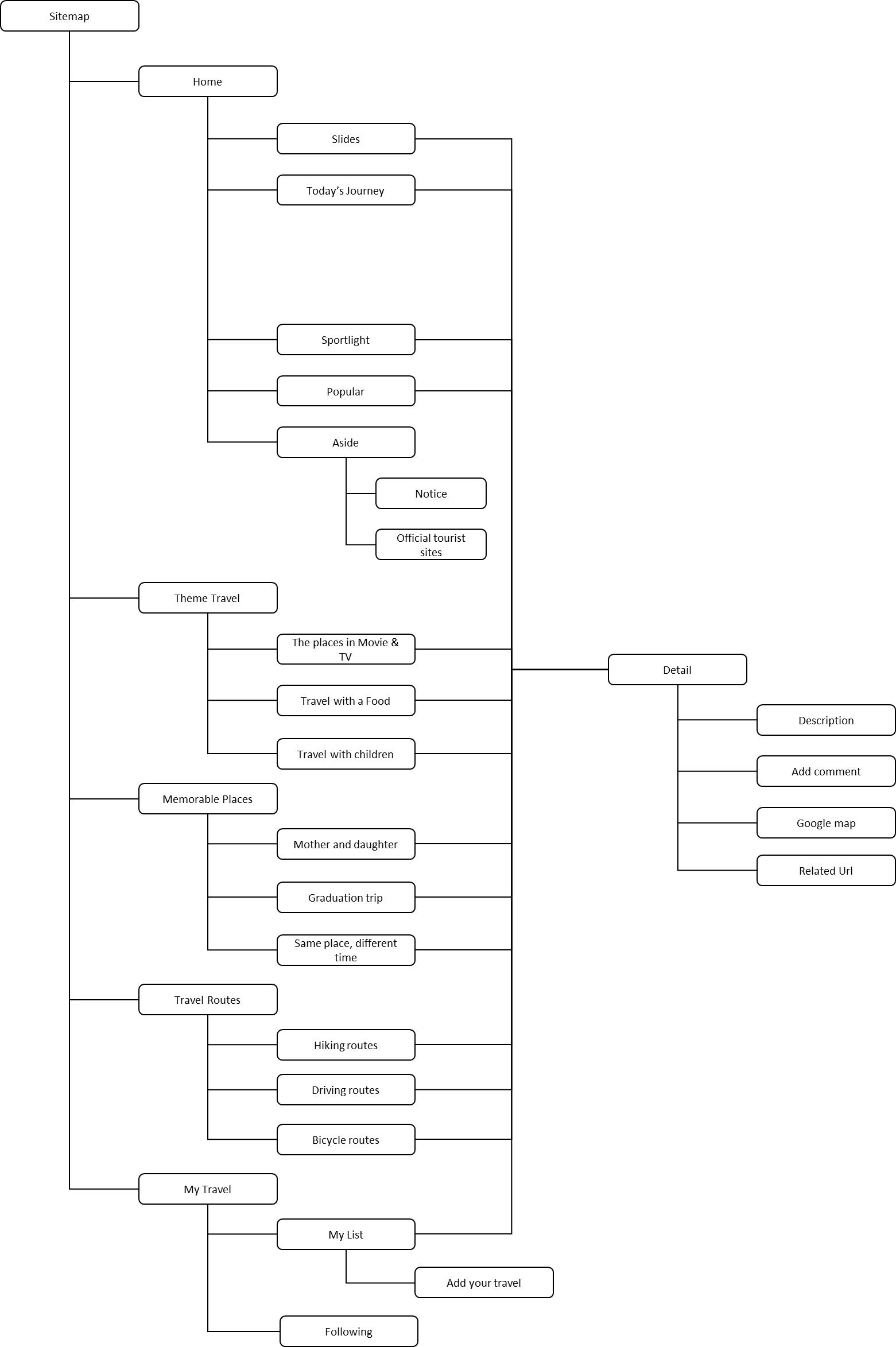


**3) Both common point**

Mobile display (use minimum width: 320px and maximum width: 768px)



**4.Sitemap**

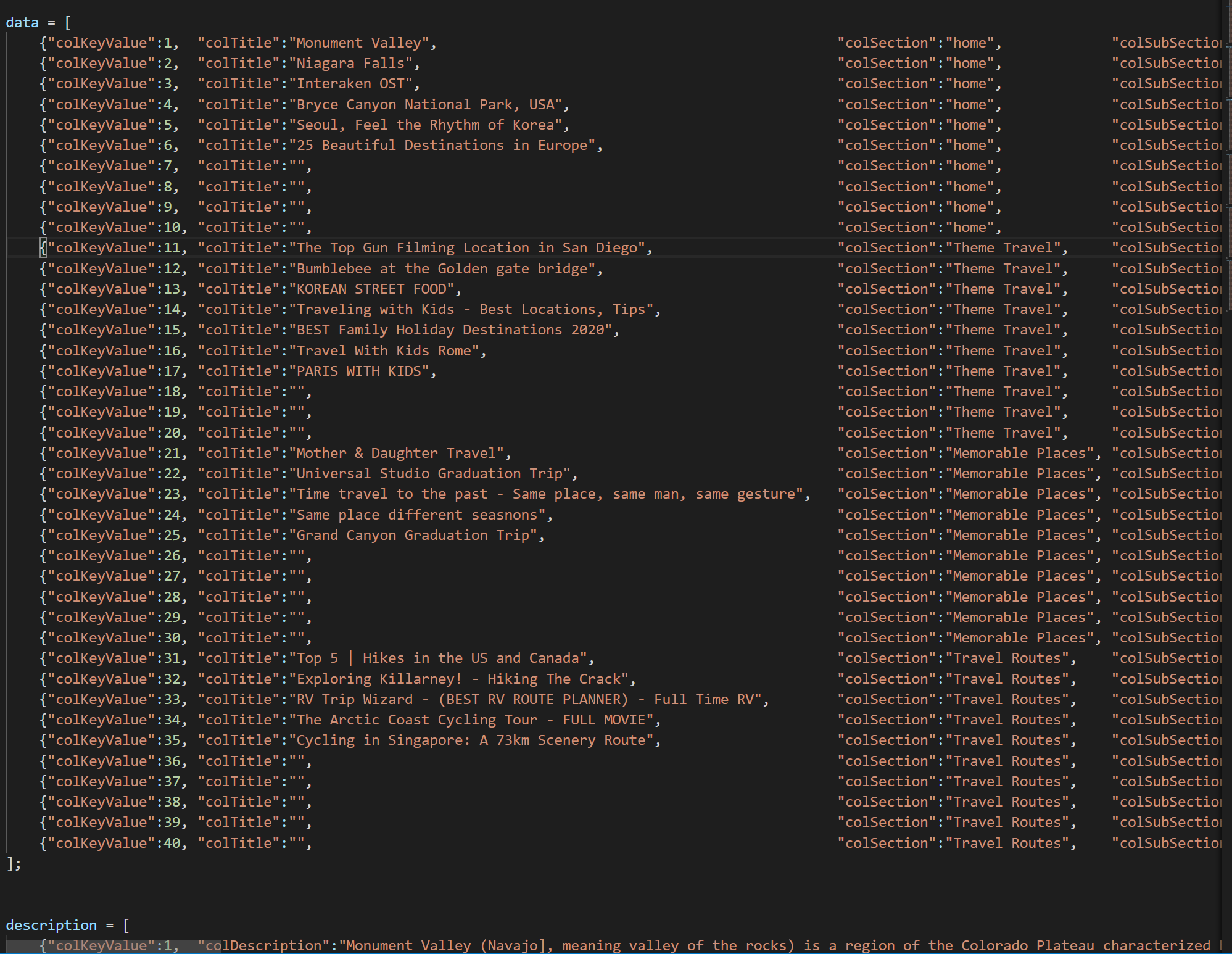


**5.Structure of each page**

1. **Common things**

* HTML Page contents are dynamically generated by the Java script code, CSS, and predefined array data.

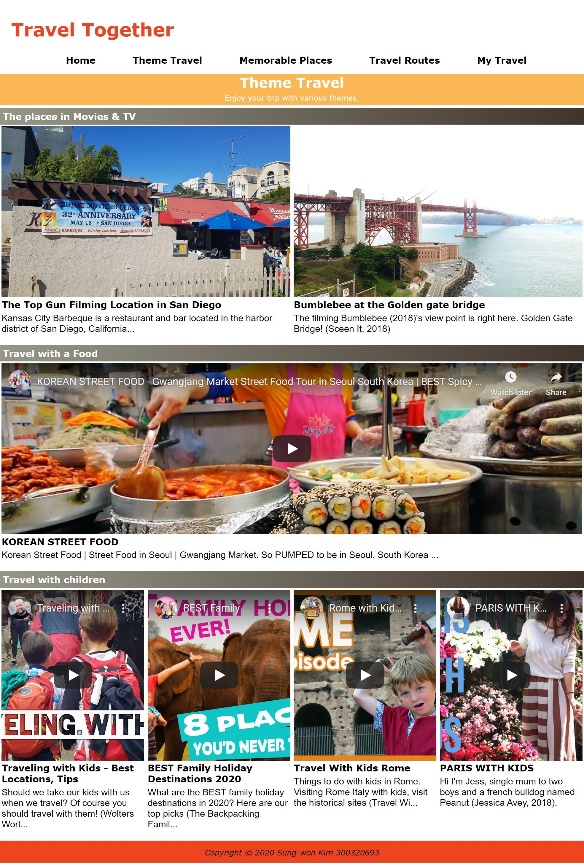
[ Java script code ] [CSS] [Data]

* Creating pages by defining the section id of HTML and invoking the section function.
  + Reactive design: Change page layout according to screen resolution (Tablet, Mobile)
    - **Desktop mode**

- One to four columns in the main section are variable.

[Home] [Other menu]

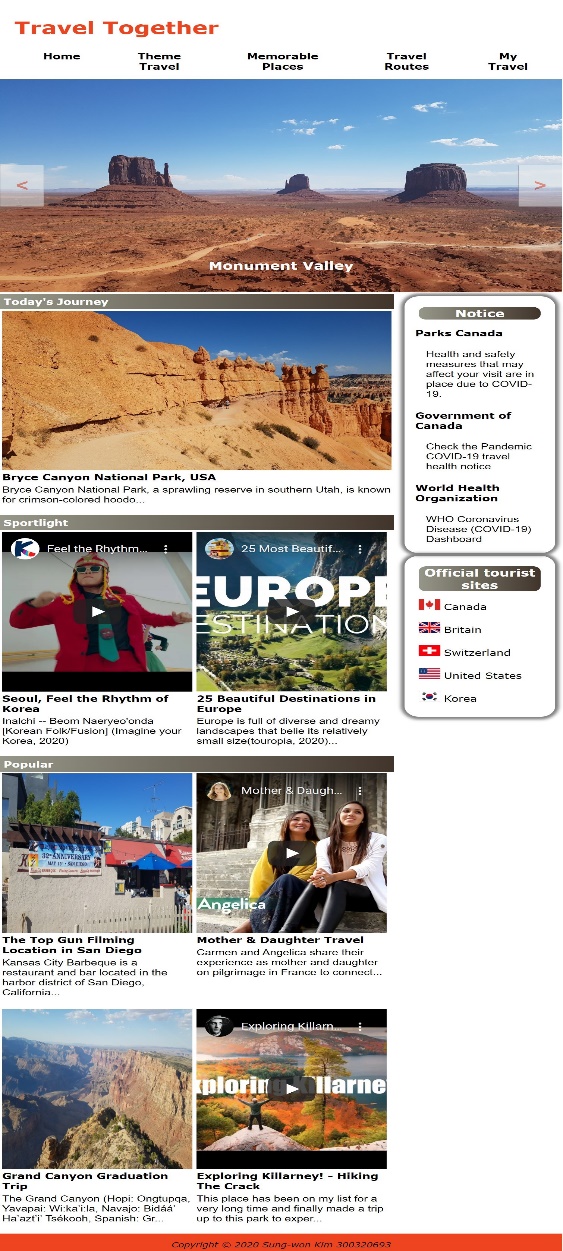
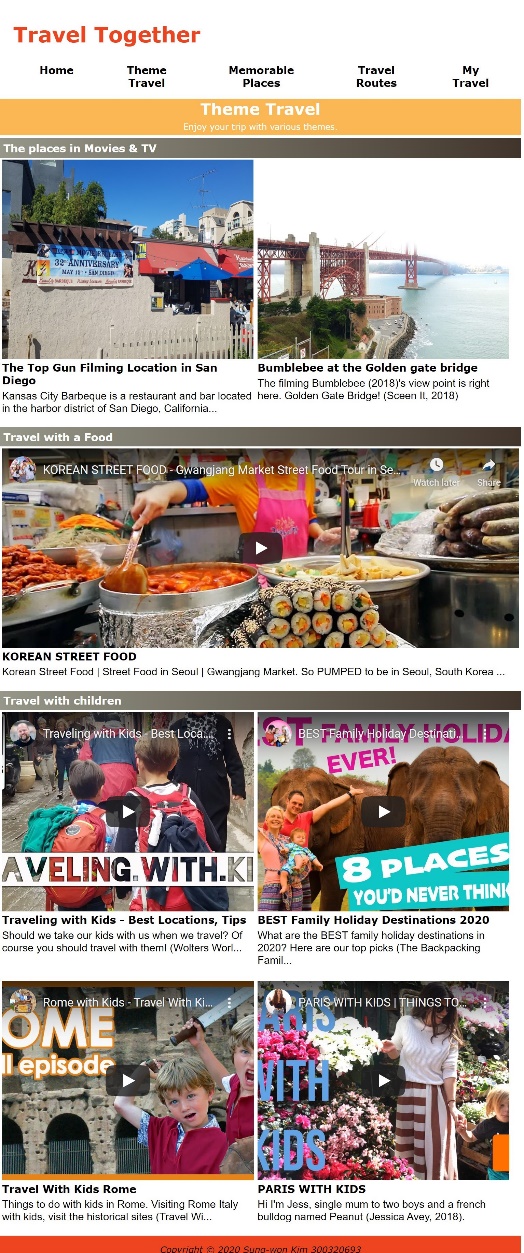
 

* + - **Tablet mode**

- Up to two columns can be variable in the main section.

- Unlike desktop mode, the main section in tablet mode can have up to two columns that can be variable, so that the content can be seen better by the user at a narrower screen resolution.

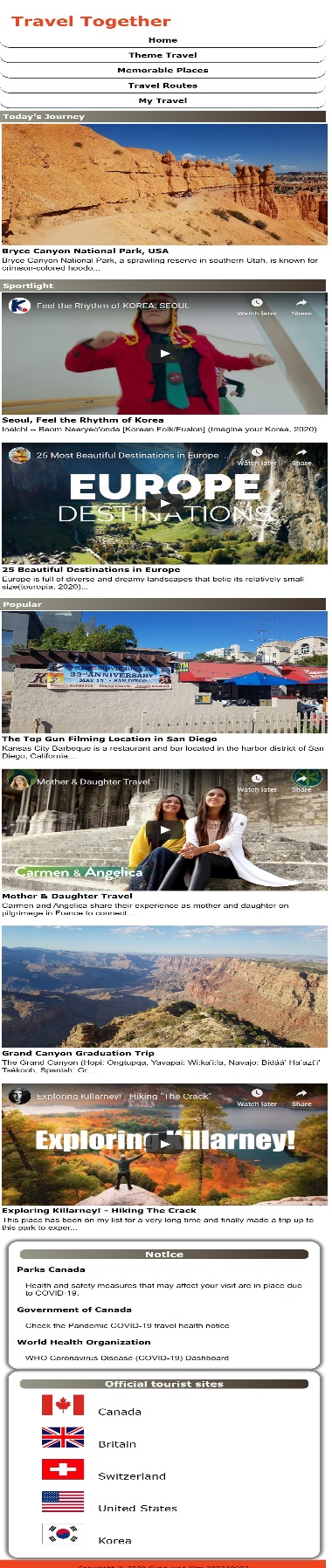
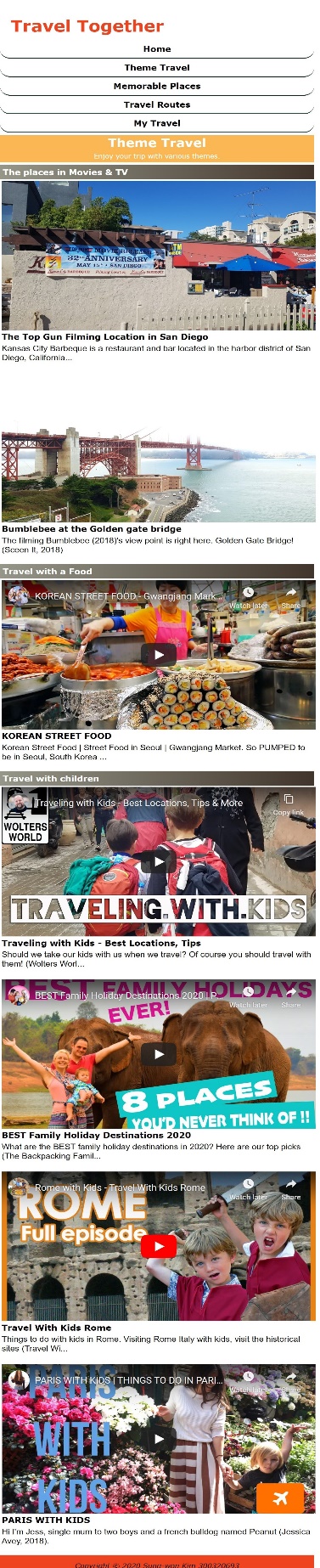
[Home] [Other menu]

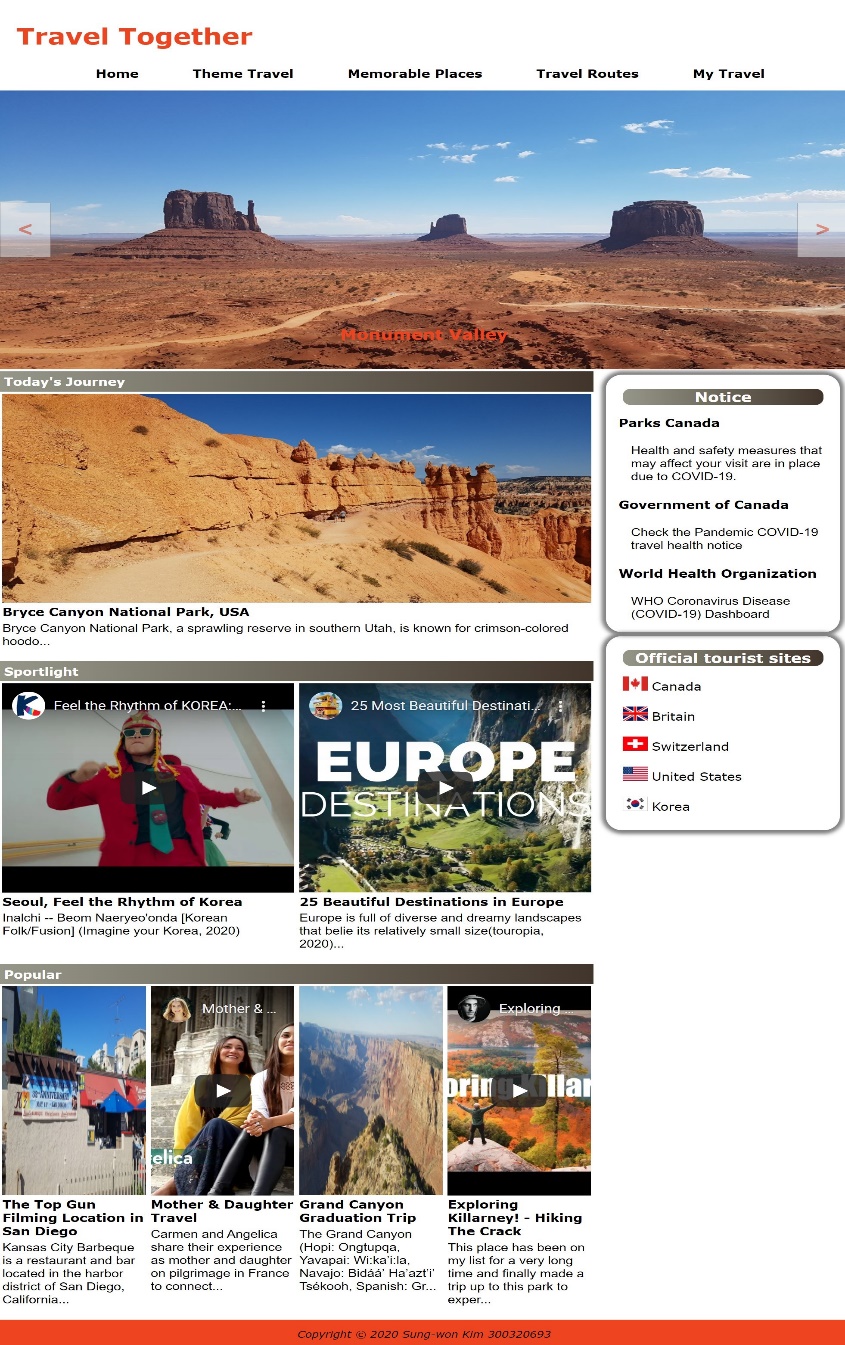
* + - **Mobile mode**

- Pages in mobile mode can have only one column.

[Home] [Other menu]

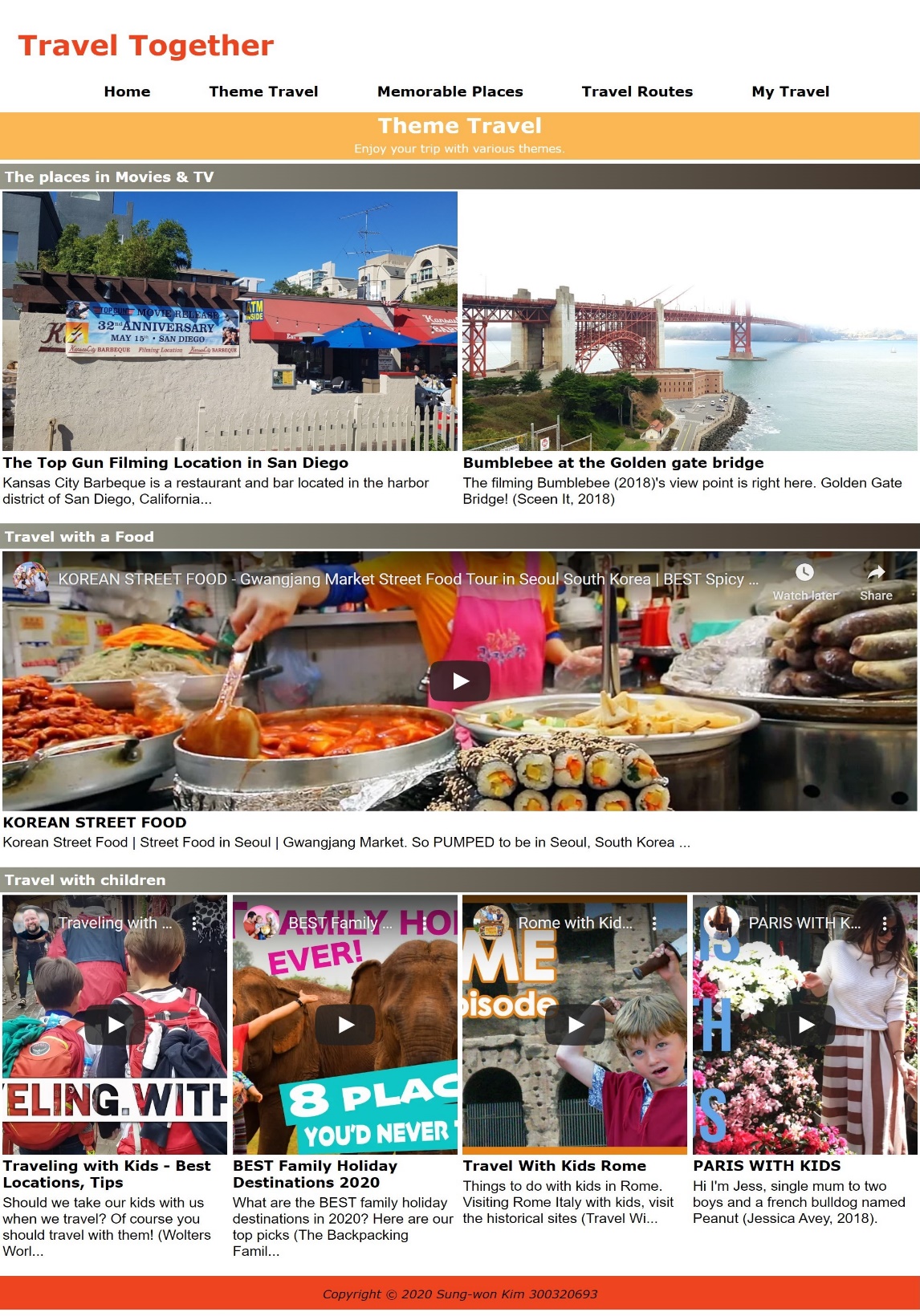
 

1. **Home - main features**
   * + Slide section on the top of the page
     + Display contents based on the data in the designated sections
     + Offering on travel precautions and information on official tourist sites
     + Dynamic columns (1~ 4 columns)
     + Click each content title to view details

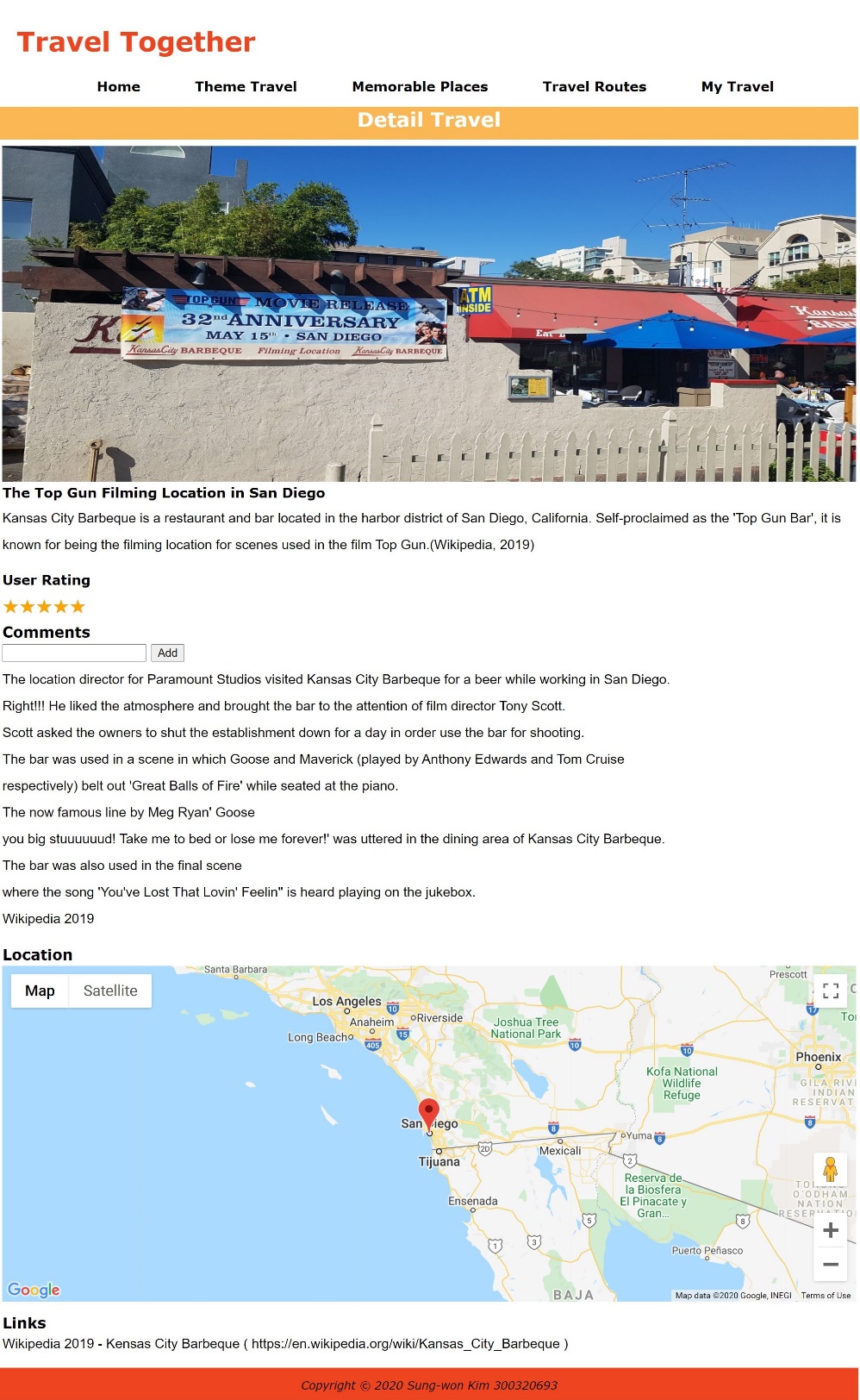


1. **Other menu - main features**

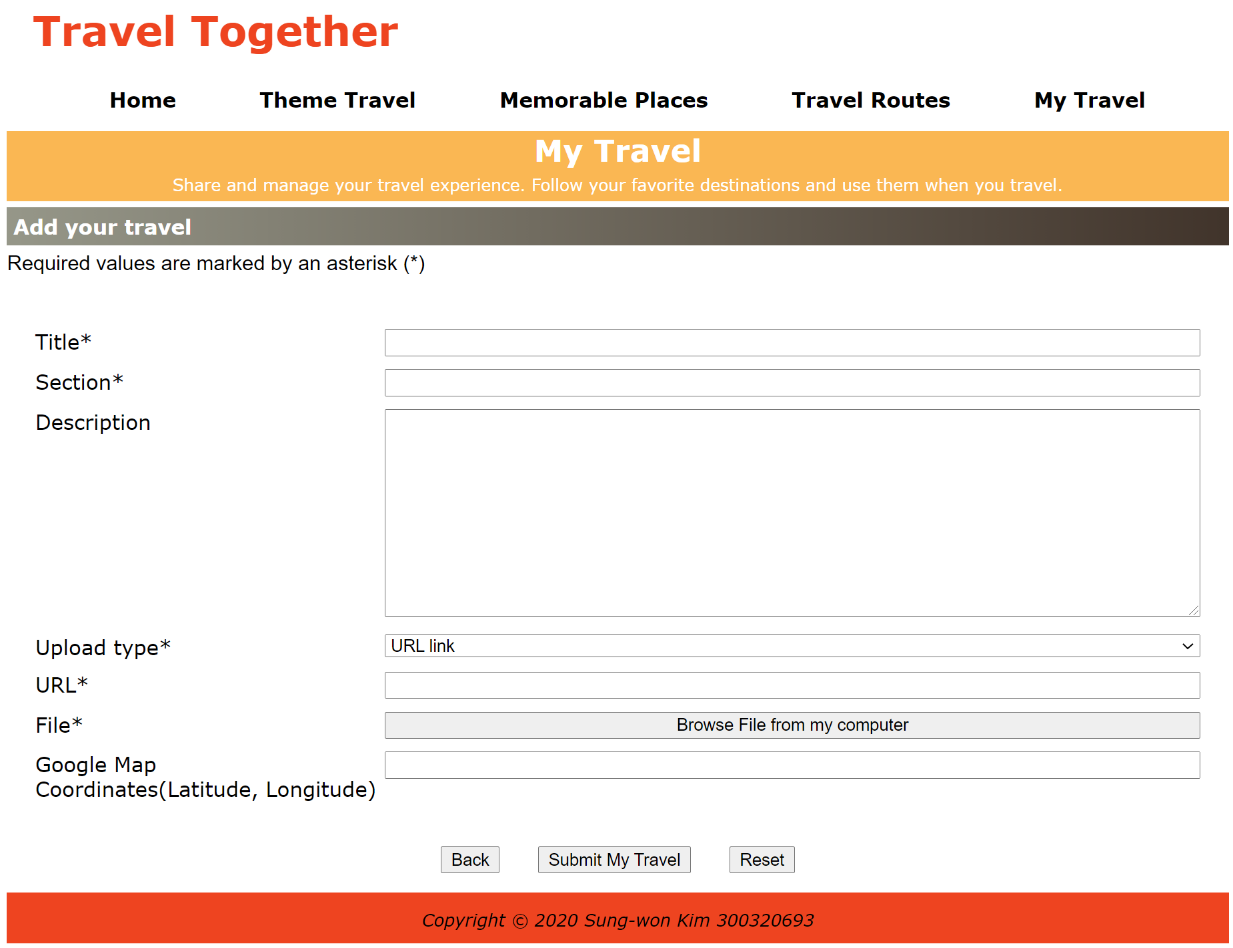
* Menu title area instead of slide section of the home
* Wider main section without Aside area
* Dynamic columns (1~ 4 columns)
* Click each content title to view details



1. **Detail Page**
   * + Providing a wide viewing point of a single column
     + User comments can be added
     + Map provided through the connection of Google Maps API
     + Providing links related to the contents



1. **My List**
   * + Add travel
       1. Provide input function, but do not store input data because this program has no back-end application. However, I hope that there will be an opportunity to implement storage function later through the connection with DB.



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