**Taste of Busan – Final Project Report**

**Course**: Introduction to Internet and Web  
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**1. Project Overview**

**Taste of Busan** is a web application that introduces various restaurants in Busan.  
Users can browse restaurant cards, search by name, filter by cuisine type, and sort the results. They can also mark favorites by clicking a heart icon and view a list of recently viewed restaurants.

**2. Technologies Used**

* **Frontend**: HTML, CSS, JavaScript
* **Hosting**: netlify
* **APIs / Tools**:
  + map: Google Maps embedded for map display
  + Image resources: images on naver map

**3. Key Features**

* **Restaurant cards**: Displays restaurant image, name, type, and rating
* **Search Bar**: Allows real-time filtering by restaurant name
* **Sort function**: Enables sorting by name or rating in ascending/descending order
* **Filter by Category**: Lets users filter by cuisine type (Korean, Japanese, Chinese, etc.)
* **Favorites**: Users can add/remove favorites using a heart button and view them on a separate page
* **Recently Viewed**: Recently viewed restaurants appear at the bottom in a horizontal scroll
* **Map**: embedded google map

**4. Development Process & Problem Solving**

* **Favorites / Recently Viewed** were implemented using localStorage for persistent data storage without a backend.
* **CORS Issues** were encountered when attempting backend integration, which led to choosing a frontend-only approach.
* Restaurant data was rendered dynamically with JavaScript and displayed using DOM manipulation.

**5. Challenges & Improvements**

* Attempted to integrate backend login/signup with Spring Boot but faced persistent CORS issues, so the functionality was omitted.
* Using local storage, tried to implement recently viewed and favorites and succeeded.
* Responsive design is not fully implemented. Further work could make it mobile-friendly.

**6. What I Learned**

This project helped me understand how web technologies work together — from building UI with HTML/CSS to making the interface interactive with JavaScript.  
Handling data locally without a backend was an interesting experience, and I gained insight into managing state with localStorage.  
I also realized the importance of CORS and deployment environments when building full-stack web apps.

7. GitHub & Demo Links

GitHub Repository: <https://github.com/hyyyh0x/TasteOfBusan>

Demo Site: <https://tasteofbusan.netlify.app/>