**Dynamic Web Component Assignment: Menu Card Design**

**Goal:  
The goal of this assignment is to design a dynamic web component for a Menu Card using JavaScript, data, and config. The entire structure and logic should be handled in JavaScript, ensuring that the index.html file only displays the dynamically generated output. Bootstrap classes should be used wherever possible, and CSS should only be applied if Bootstrap does not provide the required styling.**

**GitHub Link for Sample Code and Design:**

**Use this link:** [**https://github.com/apnasite**](https://github.com/apnasite)**. Clone the repository, utilize the sample code provided, follow the specified design number, and complete the assignment accordingly.**

**Assignment Instructions:**

**1. JavaScript Implementation (Data & Config):**

* **All code should be written in JavaScript.**
* **The Menu Card should be dynamically generated using a data object and a config object.**
* **The index.html file should only contain the web component output without static content.**
* **The JavaScript file should:** 
  + **Fetch and process the data and config.**
  + **Generate and inject the Menu Card dynamically.**
  + **Ensure flexibility by allowing different designs through configuration.**

**2. HTML Structure:**

* **The HTML file should not contain static content; it should only load the JavaScript file.**
* **The Menu Card layout should be dynamically built inside the .menu-background div.**

**3. Bootstrap and CSS Styling:**

* **Use Bootstrap classes wherever possible.**
* **Only use CSS when Bootstrap does not provide the required styling.**
* **Apply a background gradient to the .menu-background div to enhance the visual appeal of the menu card.**
* **Use custom web fonts for the text elements. You can explore Google Fonts or other font services.**
* **Apply appropriate positioning and transforms to achieve the desired layout.**
* **Utilize border-radius for rounded corners where necessary.**

**4. Menu Card Logo and Images:**

* **Ensure that the images fit well within their respective containers and maintain a professional look.**
* **The image sources should be defined dynamically in the data object.**

**5. Menu Card Content Styling:**

* **Style the menu title, food categories, item names, descriptions, prices, and additional details to align with the menu card theme.**
* **Add appropriate margin, padding, and text styling to enhance readability.**

**6. Food & Pricing Details:**

* **Style the food item names, descriptions, and prices dynamically fetched from the data object.**
* **You can use different font sizes, colors, or any other styling properties to make the menu details stand out.**

**7. Measurement Unit:**

* **For width, use the mm unit.**
* **For font size and border, use the pt unit.**
* **Don’t use px or em or any unit other than mm and pt.**

**Submission Guidelines:**

1. **Create a folder for your assignment.**
2. **Include the JavaScript file handling all logic.**
3. **The index.html file should only display the web component output.**
4. **Include any additional images used in the design.**
5. **Commit the assignment code and push it into the GitHub repository named mmeac-menu-card-assignment.**

**Evaluation Criteria:**

**✅ Proper use of JavaScript for dynamic rendering.  
✅ Clear and effective application of Bootstrap and minimal CSS.  
✅ Visual appeal and professionalism of the menu card design.  
✅ Responsiveness of the design for different screen sizes.  
✅ Creativity and attention to detail in the design.  
✅ Bonus points for incorporating additional features or styling.**

**Note:**

**Your design number will be available in the comments section of the Jira account. The code you will clone from GitHub will already include the sample code and design.**