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**67-250**

**Development Plans**

**JavaScript Functions**

JavaScript is used for DOM manipulation, API implementation, and jQuery.

**DOM Manipulation & API Implementation: Modifying Page Element Dynamically for Personalization**

I will use this function to create the following banner on my Home page.

A white background with black text

Description automatically generated

This function will help me edit the two non-static banner pieces: the tips below “Information to know today” and the “waiting time” section. For the tips, I take the weather from Weatherstack API to help users decide how to dress. In the example above, it currently shows an error since I have hit my limit on the API. For the “waiting time” section, I will set the waiting time to busy if it is Saturday or Sunday afternoon, and otherwise not busy.

**jQuery Implementation: Interactive Gallery**

This implementation will help users look at different visiting opportunities on the Home page. It is under the Essential Experiences section.

A close-up of a bus

Description automatically generated

If the user is hovering over a box, the border will become a darker shade of black. This is seen in the above screenshot where the Tour Pittsburgh box is highlighted.