Read Me:

Prototype Interface:
The prototype interface of the Active Park Assist (APA) prototype has 3 main elements. The car steering wheel, the car brake, and the APA interface.

Using the prototype:

To begin the APA, the user must first select the type of parking maneuver they wish to complete, Perpendicular or Parallel, from the main parking menu. Once the user selects the parking maneuver, the appropriate cameras will be activated and display the feed into the APA interface, and the APA system will display the detected available parking space. It should be noted that once the APA process has begun, the user can move the steering wheel or use the brake to cancel the APA process. From the cancel view, the user can restart or exit.

The user has the option to Approve or Decline the parking space. If the parking space is approved, the APA protocol will continue and park the vehicle into the approved parking space, and if the parking space is declined, the prototype will take the user back to the main parking menu. Once a parking spot is approved the APA will begin to move the vehicle into the selected parking space. Once the parking maneuver is completed, the APA protocol has concluded.

Both the exit and completed screens have options to go back to the initial APA prototype parking selection page, or go back to the main Prototype home page on the main site.