**Testing Callbacks**

The purpose of this document is to show what should happen when users perform an action on the application and if the result is not as intended, this document will inform you which callback is causing the error.

1. Callback: disable\_month

A screenshot of a screen

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Selecting an event that is not ‘No Event’ will prevent the user from Selecting Month. User can only Select Month when ‘No Event’ is selected in Select Event.

2. Callback: update\_graph

A screenshot of a computer

Description automatically generated

Selecting event or month should change the graph on the right partition and also the values in the refine modal. The values in the refine modal should coincide with the value of the graph. This is important as the input for the simulation will be the values of the refine modal.

3. Callback: update\_graph\_after\_refine

A screenshot of a graph

Description automatically generated

Adjusting the sliders Refine Modal should be reflected on the graph on the right partition.

4. Callback: show\_cp\_params\_[]

A screenshot of a computer

Description automatically generated

Adjusting the sliders of Red and White Lot Capacity in each carpark modal should reflect the value of each slider at the bottom of the carpark modal.

5. Callback: change\_ratio\_[]

A screenshot of a computer

Description automatically generated

Adjusting the slider of ratio of White:Red Lots will lead to a change in the maximum value of the Red Lot and White Lot slider and then set the value of the Red Lot and White Lot Slider to become the maximum value regardless of whether user has reduced the number of red or white lots which in turn will change the value of the carpark capacity to be simulated. The sum of the numbers circled should add up to the total capacity of carparks.

A screenshot of a computer

Description automatically generated6. cp\_simulation\_modal

Changes made in arrival rates and carpark lot capacities for each carpark should be reflected in the simulation modal when you open it.