

1. # of test frames generated:  
172

```
super@Ptero:/mnt/c/Users/skizz/Downloads/tsl(1)/tsl$ ./tsl findspec  
  
172 test frames generated and written to findspec.tsl
```

2. Since the meeting code is optional, we accounted for this in our TSL specification. The meeting code is set to either “filled” or “empty” given that it is visible based on the previous selections. If the meeting code bar is not visible at all, our meeting code parameter defaults to “n/a”. This is visible within our tests where when the meeting code parameter is invisible, the actual meeting code corresponds to “n/a”, as it cannot be filled or empty when it is not visible in the first place.

```
Meeting Code:  
Visible. [if !SWM][property vMC]  
notVisible. [if SWM][property nvMC]
```

```
Meeting Code:  
Filled. [if !SWM]  
Empty. [if !SWM]
```

```
Return Date : today  
Shop with miles : notSelected  
Refundable Fares : Selected  
My Dates Are Flexible : Selected  
Include Nearby Airports : notVisible  
Meeting Code : Visible  
Include Nearby Airports : <n/a>  
Meeting Code : Filled
```

3. The mutual exclusivity between flexible dates and show nearby airports is reflected here utilizing if statements:

Advanced Search:

Visibility:

Include Nearby Airports:

Visible.[if !FD || SWM][property vINA]

notVisible. [if FD && !SWM][property nvINA]

The second condition specifies that if My Dates are Flexible is selected as an option, and the shop with miles option is not selected, then the Include Nearby Airports button becomes invisible and cannot be clicked. The second part of this condition, !SWM is important as even if My Dates are Flexible is selected, if Shop With Miles is selected as well, then that will result in the Include Nearby Airports option to be available. The first condition is the inverse of the second, specifying the same scenario but for when the button should be visible.

4. When Shop with miles is selected, My Dates are Flexible is also automatically selected, and the meeting code parameter is notVisible. This is reflected in our TSL specification here:

My Dates Are Flexible:

Selected. [property FD]  
notSelected.[if !SWM]

While there is no direct condition for My Dates are Flexible to be selected, this is important as it can be selected when Shop with Miles is non-selected. Therefore, the condition [if !SWM] ensures that my dates are flexible can only be notSelected when the Shop With Miles property is notSelected. Therefore this condition prevents any test cases where the SWM property is True and My Dates Are Flexible is notSelected, as this is not possible.

The meeting code parameter visibility is reflected here:

Meeting Code:

Visible. [if !SWM][property vMC]  
notVisible. [if SWM][property nvMC]

This ensures that the Meeting Code parameter is set to notVisible if Shop With Miles is selected, and ensures that it is visible if Shop With Miles is not selected. This works as Shop With Miles is the only parameter that can impact the visibility of the Meeting Code Parameter.