

Ghost Inspector SOP

Ghost inspector allows for automated testing in browsers from locations around the world. It is mainly used in our environments as a way to reduce the manual labor load of testing assets that are critical to site functions in the Hakkasan Group suite. Not all assets are able to be automated, and should be checked on a regular rotation in case anything was missed in QA after making commits.

See: [List of Hakkasan Group sites](#)

- All form tests must be checked for hidden checkbox field labeled “test”
- Include as last step of form submission test
- No hidden checkboxes on newsletter subscriptions

Assets to look for on each site:

- Forms
 - Newsletter subscription forms
 - Private Event forms
 - Contact forms
- Sliders
- Tours
- Animated elements
- Dynamic elements (e.g. event feeds, social feeds, blog feeds)
- Menus loading (restaurant sites)
- OT/Seven Rooms or other Reservation Widgets

Testing for:

- **Forms**
 1. Begin testing using Ghost Inspector toolbar widget in Chrome
 2. Click in text area for first field
 3. Enter test data (below)
 4. Fill in all required elements
 5. If any date selectors (other than birthdate), use latest allowed date
 6. Submit
 7. Select “Make Assertion” in widget
 8. Select “Thank You” heading text on next page
 9. Finish testing
 10. Do NOT run first test
 11. View test in Ghost Inspector
 12. Add in hidden field checkbox step (see below for more information)

13. Add "Pause" step as first step at 5000ms
14. Run test

- **Sliders/Dynamic Elements**

1. Begin testing using Ghost Inspector toolbar widget in Chrome
2. Select "Make Assertion" from widget
3. Select <div> where slider is present
4. Finish testing
5. Do NOT run first test
6. View test in Ghost Inspector
7. Ensure css selector is targeting correct element
 - If it is not, use Chrome console to find element and right click the code
 - Select "Copy" >> "Copy Selector"
 - Replace selector in step with newly copied selector
8. Add "Pause" step as first step at 5000ms
9. Run test
10. Enter test settings >> Display options
11. Change "Screenshot analysis" to "No, do not compare screenshots"

- **Tours**

1. Begin testing using Ghost Inspector toolbar widget in Chrome
2. Select <div> where slider is present
3. Finish testing
4. Do NOT run first test
5. View test in Ghost Inspector
6. Change "Element is present" step to "Capture screenshot"
7. Ensure css selector is targeting correct element
 - If it is not, use Chrome console to find element and right click the code
 - Select "Copy" >> "Copy Selector"
 - Replace selector in step with newly copied selector
8. Add "Pause" step as first step at 5000ms
9. Run test
10. Enter test settings >> Display options
11. Change "Screenshot analysis" to "No, do not compare screenshots"

- **Animated elements**

1. Begin testing using Ghost Inspector toolbar widget in Chrome
2. Select "Make Assertion" from widget
3. Select <div> where element is present
4. Finish testing
5. Do NOT run first test
6. View test in Ghost Inspector
7. Ensure css selector is targeting correct element
 - If it is not, use Chrome console to find element and right click the code

- Select “Copy” >> “Copy Selector”
 - Replace selector in step with newly copied selector
- 8. Add “Pause” step as first step at 5000ms
- 9. Run test
- 10. Enter test settings >> Display options
- 11. Change “Screenshot tolerance” to 50%

- **Menus**

1. Visit restaurant location’s main page
2. Begin testing using Ghost Inspector toolbar widget in Chrome
3. Click link to visit menu
4. Select “Make Assertion” in widget
5. Select menu heading text (A la carte, Dim Sum, Mains, etc)
 - If other menus at same link (with changed query in URL), repeat steps 4-5
6. Finish testing
7. Do NOT run first test
8. View test in Ghost Inspector
9. Edit steps
10. Add pause between steps 1 and 2 for 5000ms
11. Run test

- **Reservation Widgets (Open Table)**

1. Begin testing using Ghost Inspector toolbar widget in Chrome
2. Select “Find a table” on reservation widget
3. Select “Make Assertion” in widget
 - If Open Table
 - If iframe, select heading (e.g. “Reservation at xxx”) and see step 9
 - If new tab, select heading (e.g. “Reservation at xxx”) and see step 10
4. Finish testing
5. Do NOT run first test
6. View test in Ghost Inspector
7. Edit Steps
8. Add pause as step 1 for 5000ms
9. If in iframe:
 - Change assertion step (final step) to `iframe[src*="opentable"]` contains text “XXX”
 - Duplicate assertion step
 - Check box to make new step optional
 - Remove “`iframe[src*="opentable"]`” from step
10. If in new tab:
 - Duplicate assertion step
 - Check box to make new step optional
 - Add “`iframe[src*="opentable"]`” to step

11. Add pause before assertion step for 5000ms
 12. Run test
 13. Enter test settings >> Display options
 14. Change "Screenshot analysis" to "No, do not compare screenshots"
- **Reservation Widgets (Seven Rooms)**
 1. Begin testing using Ghost Inspector toolbar widget in Chrome
 2. Select "Make Assertion" in widget
 3. Select <div> where widget exists
 4. Finish testing
 5. Do NOT run first test
 6. View test in Ghost Inspector
 7. Edit Steps
 8. Add pause as step 1 for 5000ms
 9. Change assertion step to "Check if element is present"
 10. Add "#dining-widget-app" in step as replacement
 11. Run test
 12. Enter test settings >> Display options
 13. Change "Screenshot analysis" to "No, do not compare screenshots"
 - **Reservation Widgets (ResDiary)**
 1. Begin testing using Ghost Inspector toolbar widget in Chrome
 2. Select "Make Assertion" in widget
 3. Select <div> where widget exists
 4. Finish testing
 5. Do NOT run first test
 6. View test in Ghost Inspector
 7. Edit Steps
 8. Add pause as step 1 for 5000ms
 9. Change assertion step to "Check if element is present"
 10. Add "#rd-widget-root" in step as replacement
 11. Run test
 12. Enter test settings >> Display options
 13. Change "Screenshot analysis" to "No, do not compare screenshots"

Standard test data to enter:

- Name: Delete Me
- Email: delete@me.com
- Phone: Use real number, like own cell phone, not 111-111-1111
- Birthdate: Earliest possible selection
- Event date: Latest possible selection
- Time: Any
- Special Instructions/Additional info: Test

- Select any/all checkboxes
- Other data: Random

To find and select hidden checkbox on form tests:

- Enter Google Chrome Console
- Ctrl+F – “test”
- Find lowest div in hierarchy
- Right click
- Copy >> Copy Selector
- In test step:
 - Input[type=“checkbox”]#SELECTOR
 - Select “Click on” as step instruction

If a test is failing:

- Check first to define what’s changed
- If nothing is changed, manually test
 - If it fails on manual testing, create Jira task for issue
 - If it passes, ensure test data is accurate
- Check if date selectors are still relevant (e.g. earliest birthday still an option)
- If all data is still relevant, rebuild test
- If test fails after rebuilding, manually edit each step and assign CSS selectors instead of Ghost Inspector options

If an element can not be tested/always fails during automation:

- Add to list of weekly manual tests and handle accordingly

See also:

- [CSS Selector Strategies for Automated Browser Testing](#)
- [Ghost Inspector Documentation](#)
- [Common Testing Scenarios](#)