

# Flutter Web Automation Selector Cheat Sheet (Katalon)

Selector Decision Formula:

- 1. Use aria-label if present (most stable)
- 2. If no aria-label, fall back to input/button types or flt-semantic
- 3. Prefer XPath when text/aria-label is only inside flt-semantic
- 4. Avoid flt-semantic-node-XX IDs as they are unstable

## Selector Reference Table

| Flutter Widget | HTML Element                 | Recommended Selector                                  |
|----------------|------------------------------|---|
| TextField      | <input>                      | input[aria-label="Student Name"]                      |
| ElevatedButton | <flt-semantic role="button"> | //flt-semantic[@role="button" and contains(text(), "A |
| Checkbox       | <input type="checkbox">      | input[type="checkbox"]                                |
| ListTile/Card  | <flt-semantic role="group">  | //flt-semantic[contains(@aria-label, "Name")]         |
| IconButton     | <flt-semantic role="button"> | //flt-semantic[@role="button" and contains(text(), "E |