

Adding Some Final Improvements



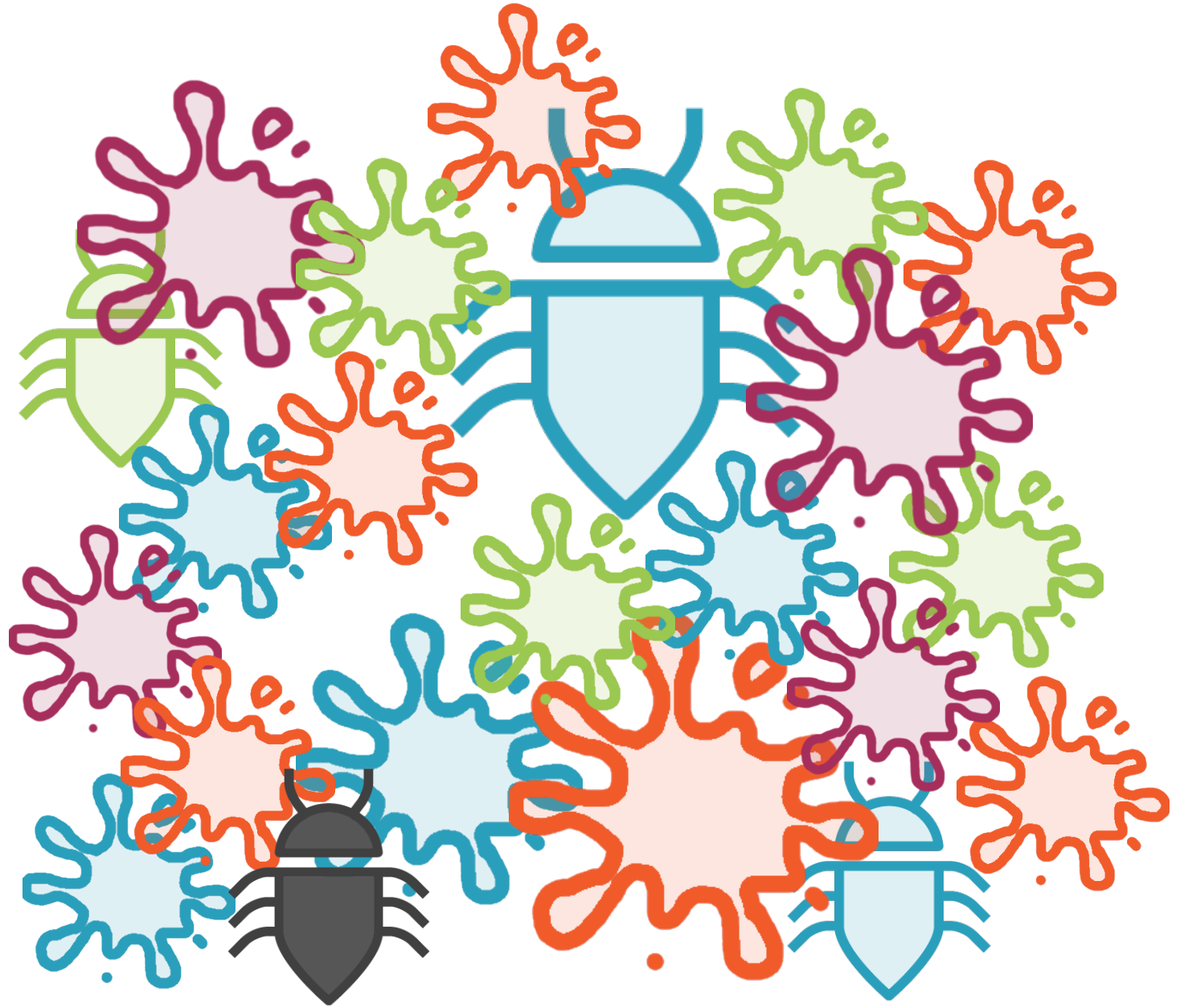
Fiona Holder

DEVELOPMENT DIRECTOR & BLOGGER

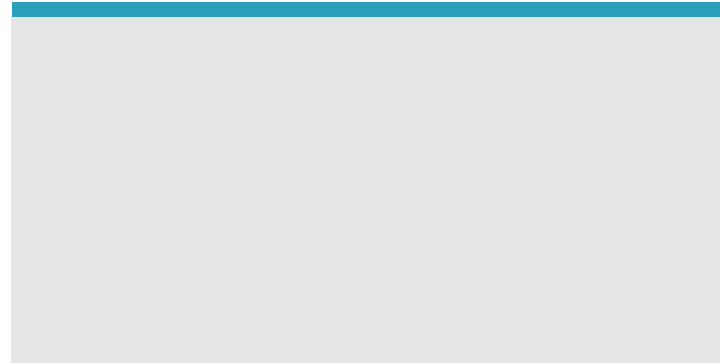
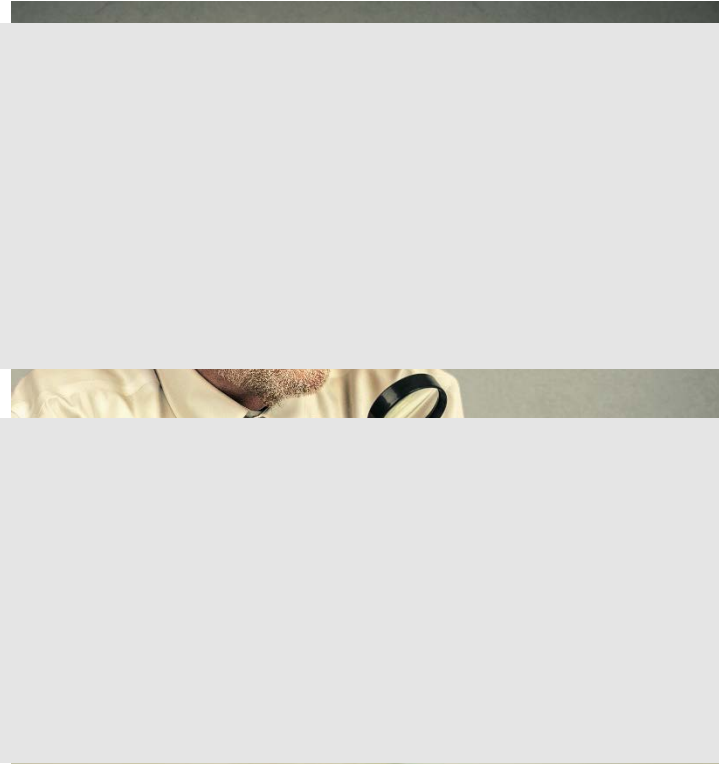
@myaccessibleweb www.myaccessible.website

Issue 19

Scalable
Text



Mild Visual Impairments



**Lots of users,
including the
elderly**

**Need to be able to
increase size of
text**

WCAG 1.4.4



Resize
Text



Text can be resized up to 200% without loss of content or function

Browsers provide built in zoom and scaling – shouldn't prevent this

User shouldn't have to use assistive technology to read the text

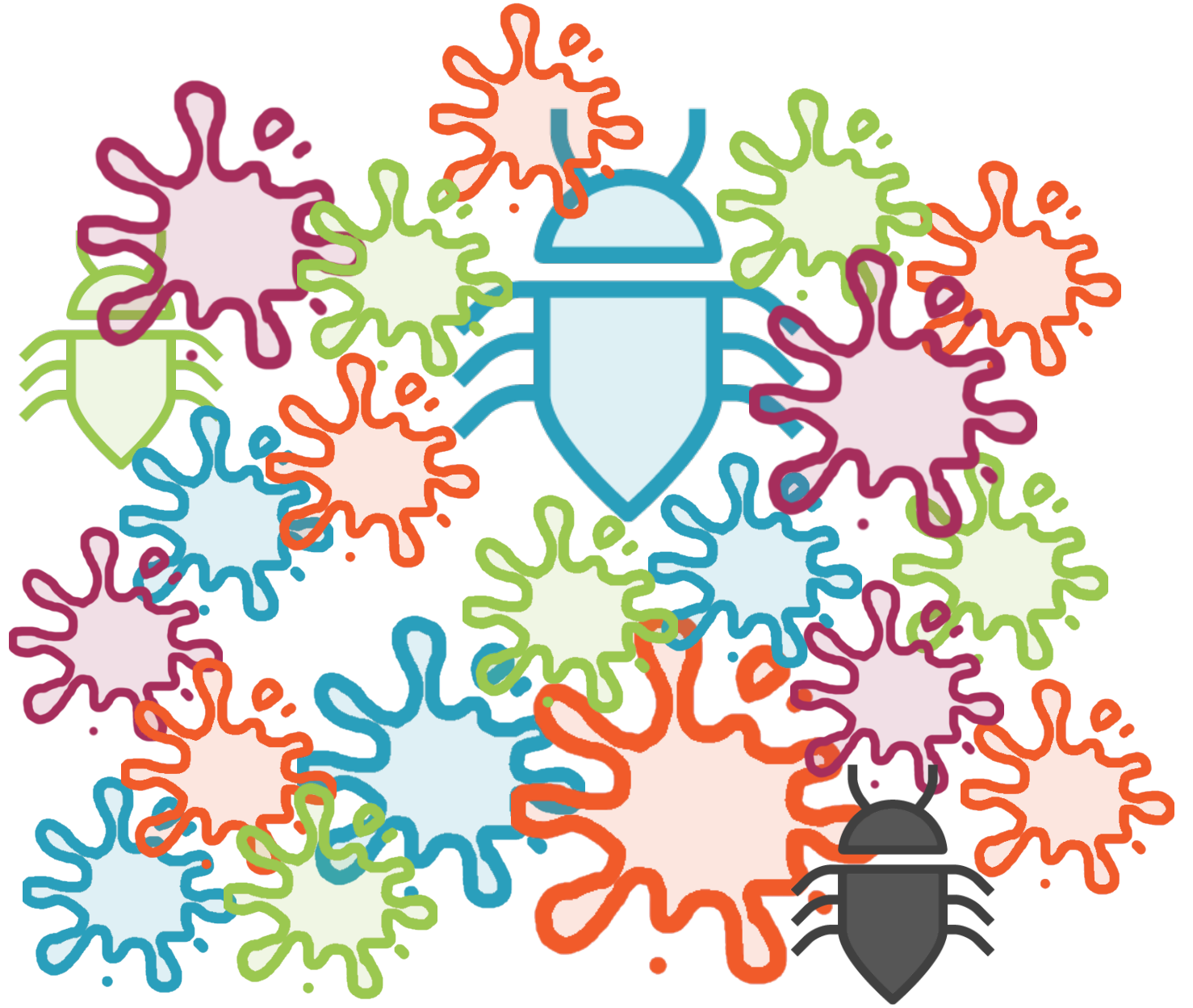
Two permitted exceptions; images of text and captions

Using relative units for text sizing makes it easier for users to increase its size

Avoid stating sizes in pixels

Issue 20

Error
Prevention





Try to ensure that users don't make errors

Errors can cause significant problems for the user

We can prevent errors with validation

Confirm with the user that they are happy

WCAG 3.3.4



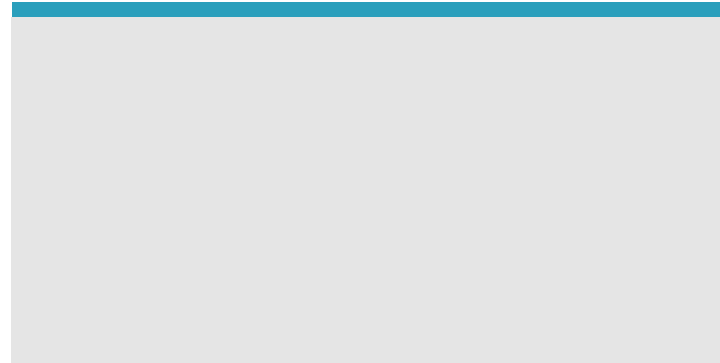
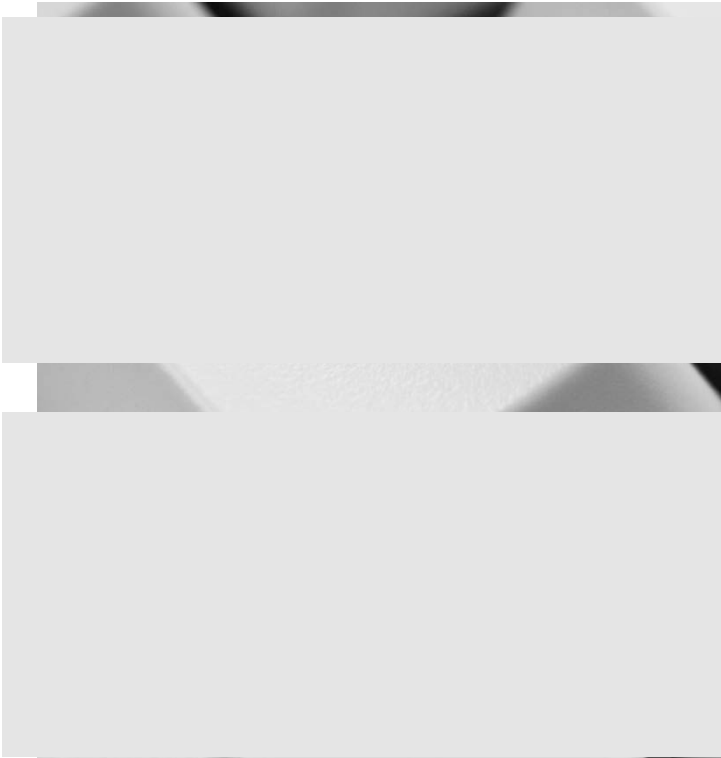
Error
Prevention



Necessary if the system causes a legal commitment, financial transaction or modifies data

Various techniques can be used to satisfy this criterion

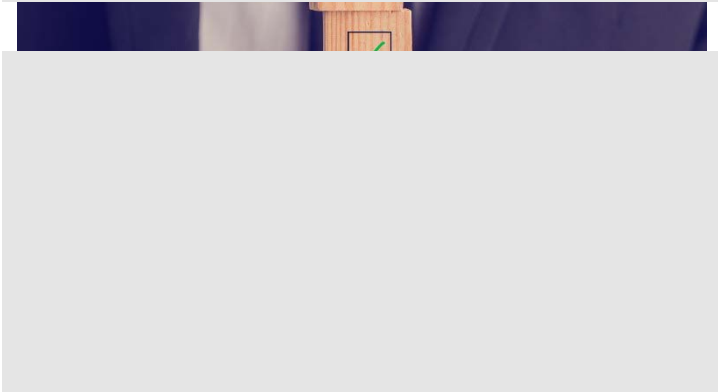
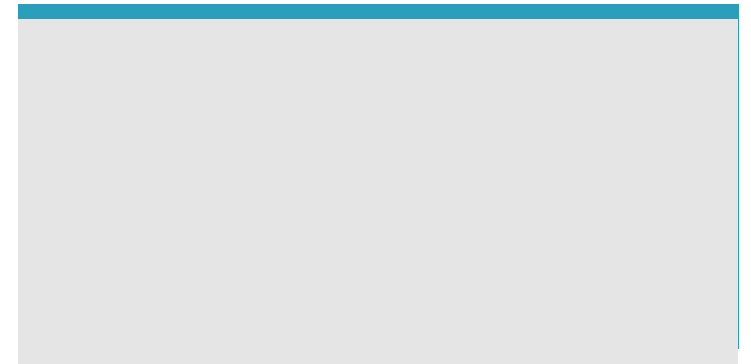
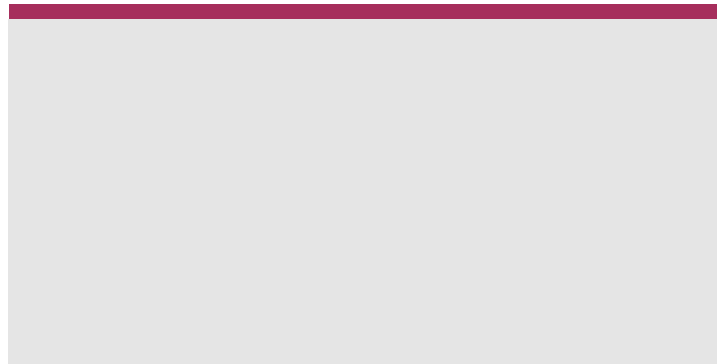
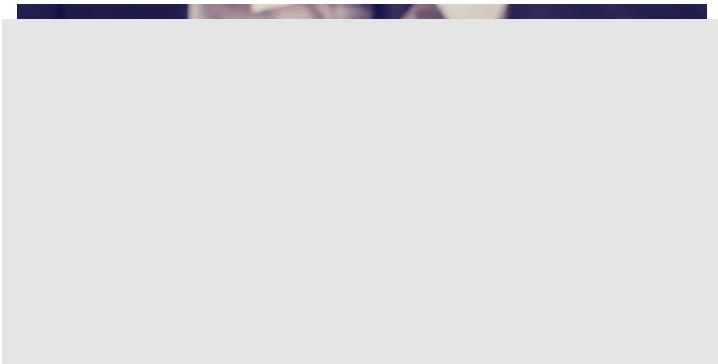
Correction or Cancellation of Submission



**Time limit and
process must be
clearly stated**

**Cancellation
doesn't have to be
online**

Review and Correct Before Submission

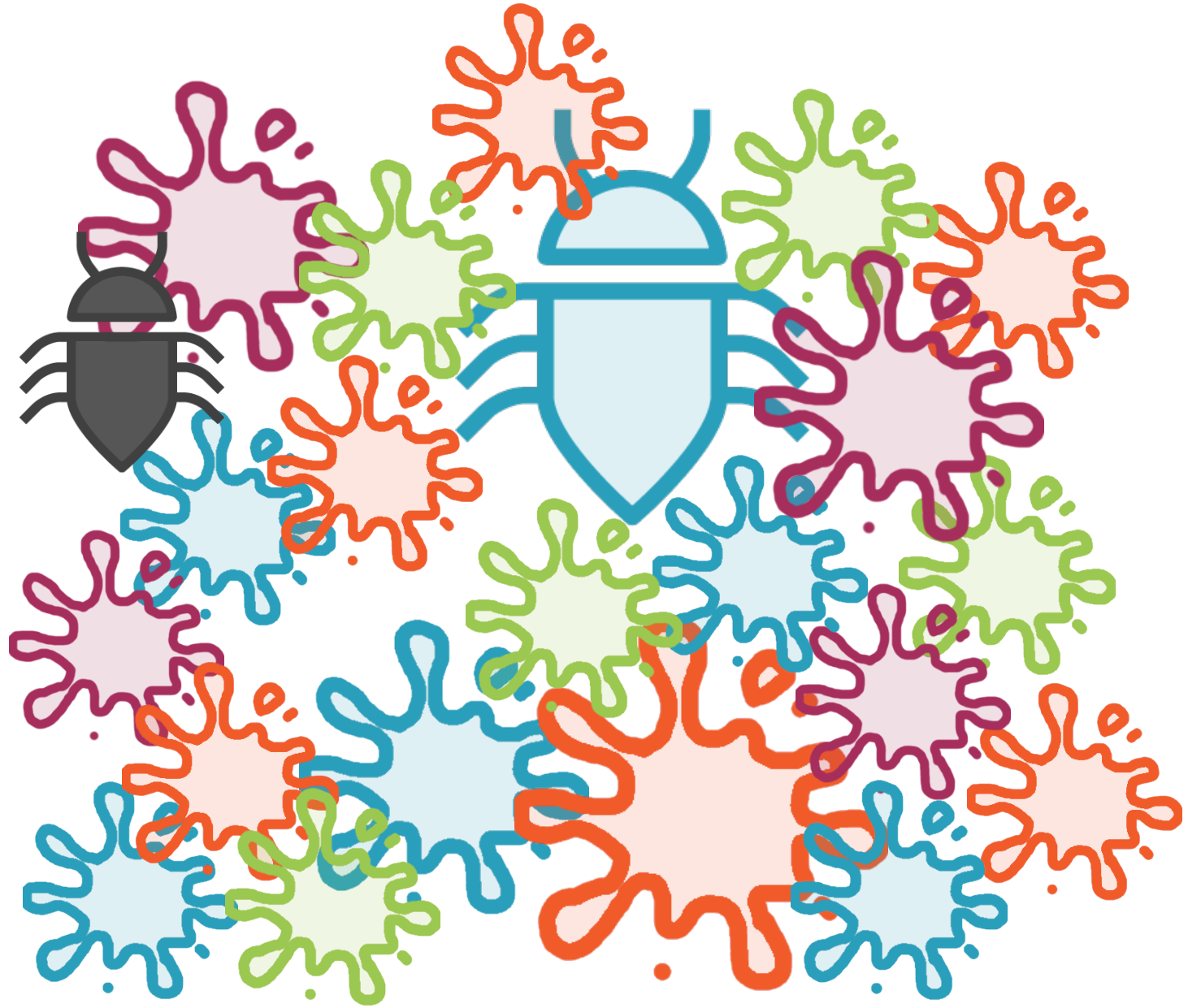


**Must allow
corrections, even
across a multi-page
process**

**A checkbox can be
used to encourage
checking of data**

Issue 21

Simplify
Inputs



Breakfast Time Validation

Desired Breakfast
Time

eg. 10:15

The restaurant is open from 8am until 11am for breakfast



Time is in correct format



Valid time



After restaurant opens

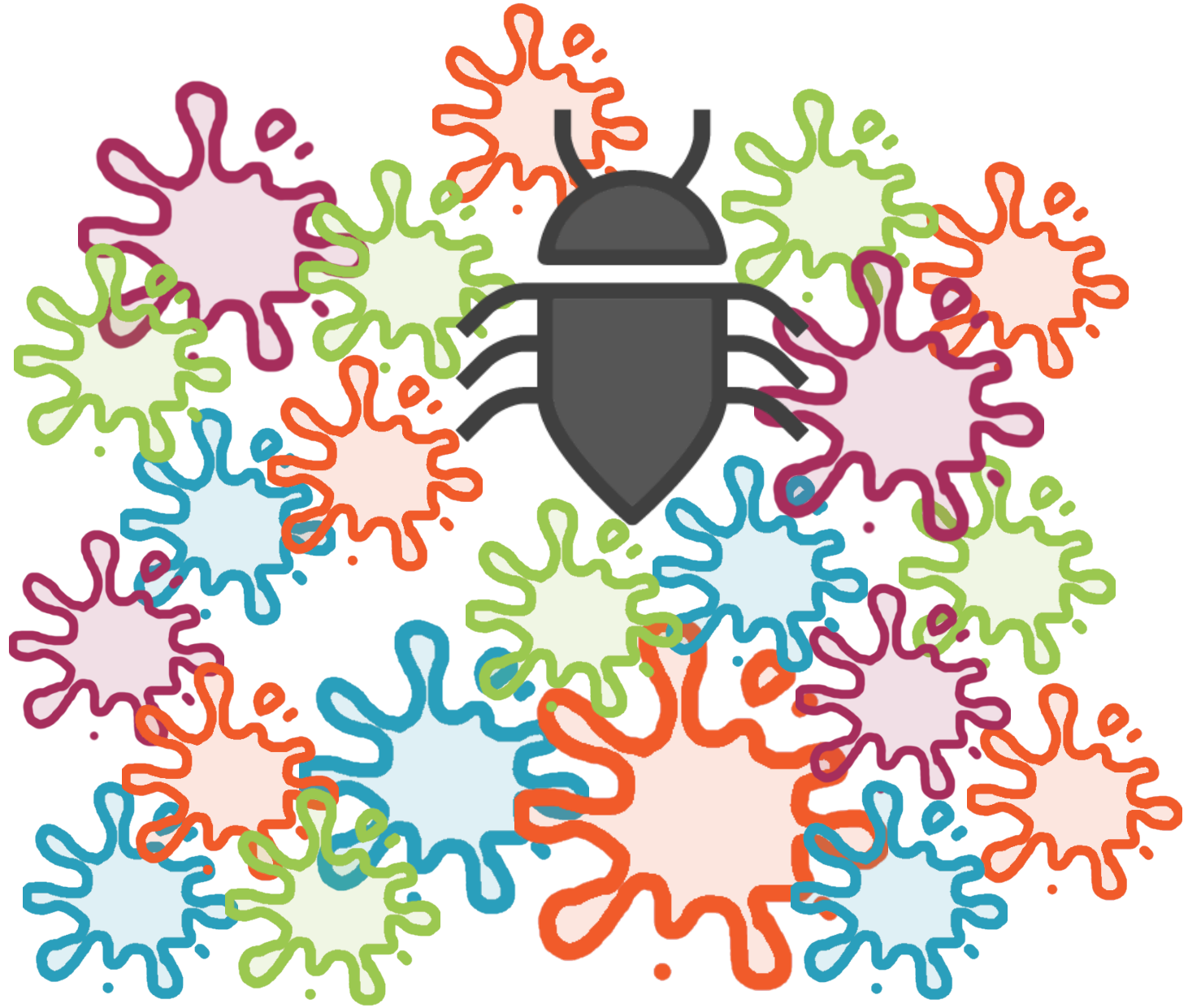


Before restaurant closes

If you find yourself adding validation to an input control, think about what you could do so that it's impossible to make the mistake in the first place

Issue 22

Multi Select
Boxes



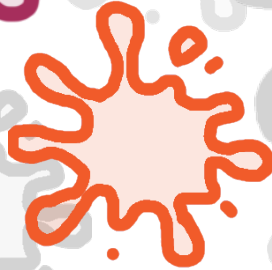


Keyboard Accessibility

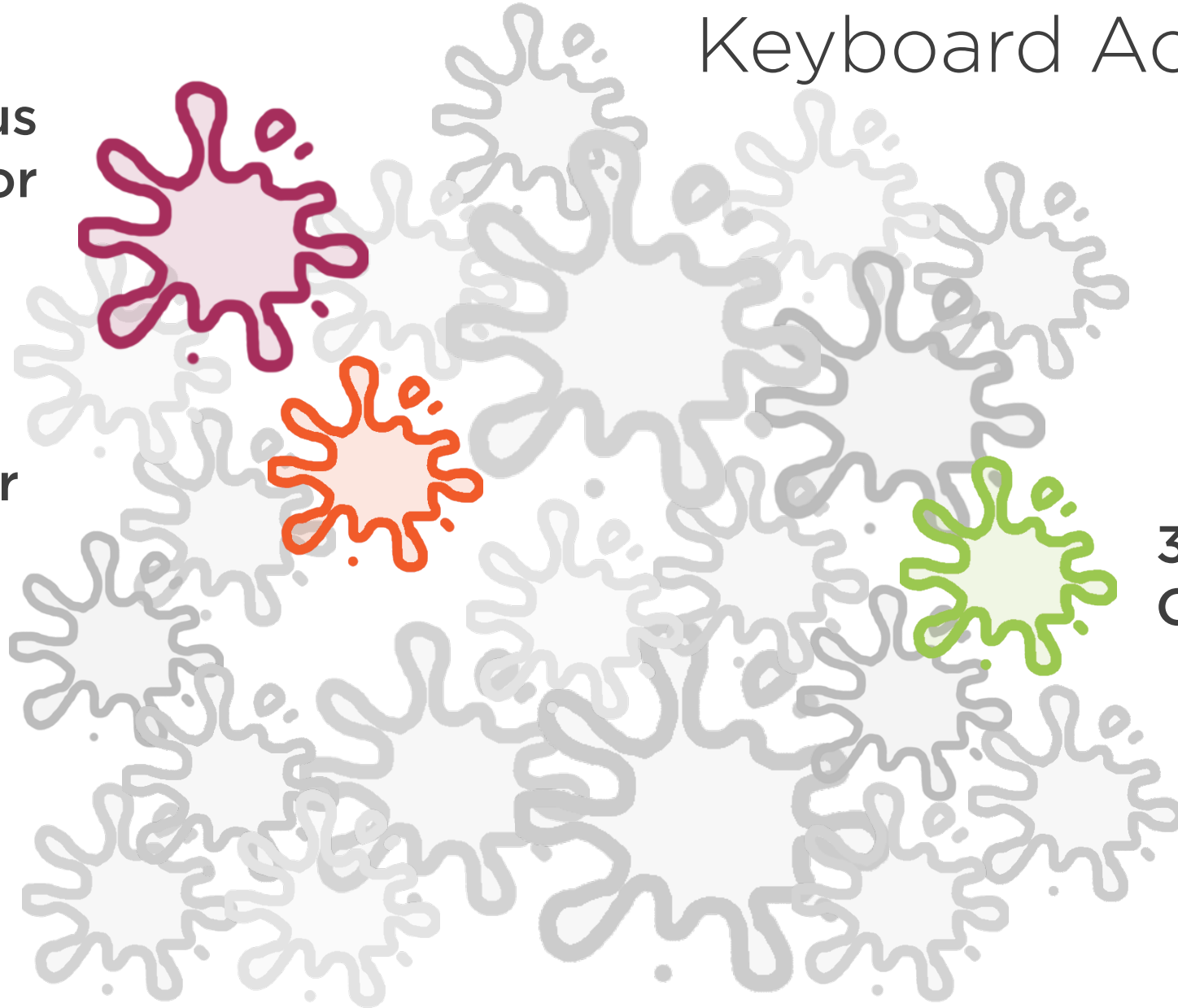
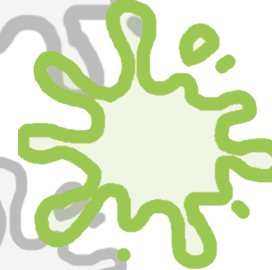
1: Focus Indicator



2: Focus Order



3: Select Box Options



Screen
Readers

8: Checkbox Labels

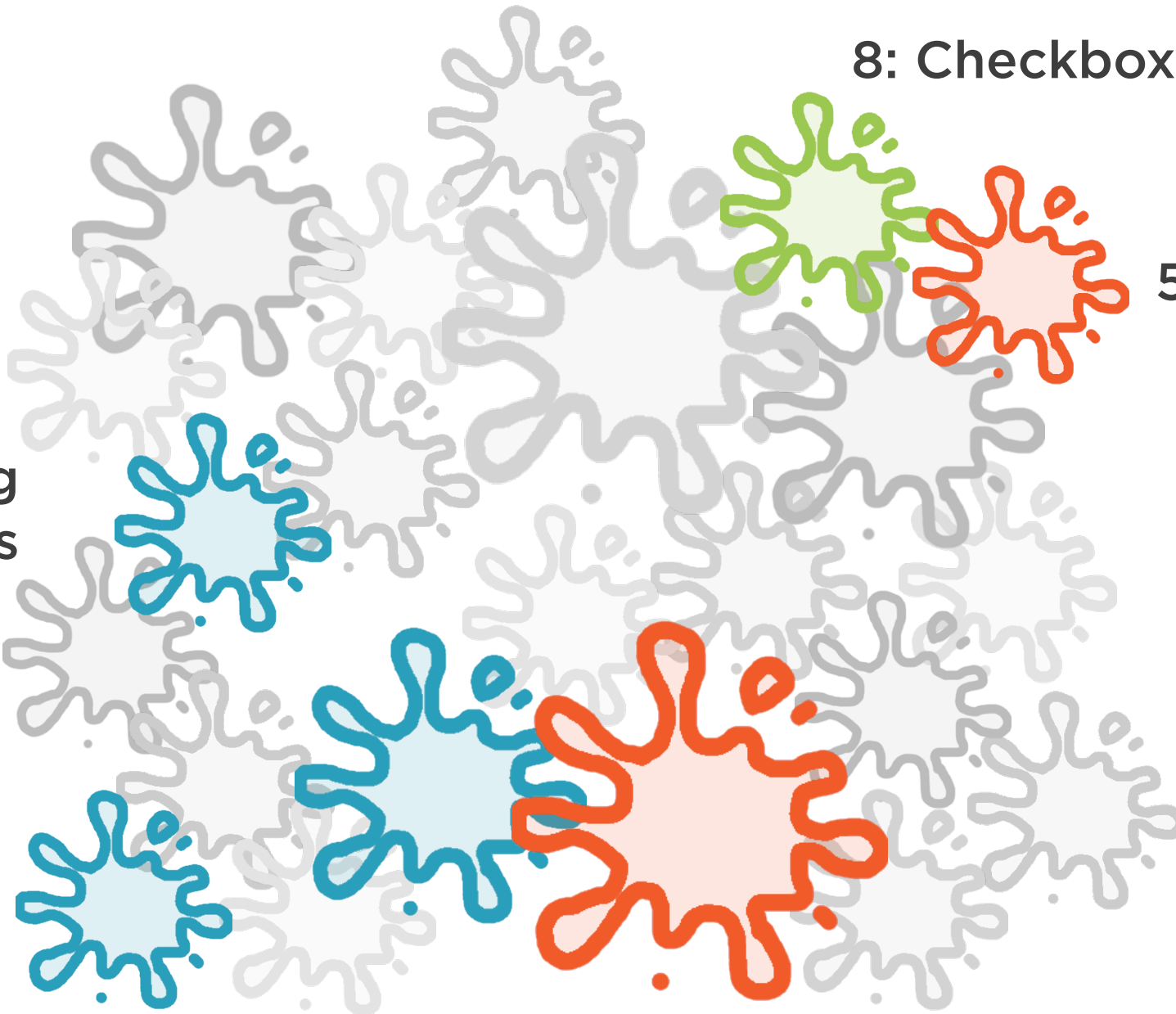
5: Link Purpose

9: Setting
Keyboard Focus

6: Images for
Buttons

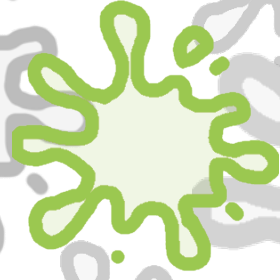
4: Image Alt Text

7: Form Field Labels

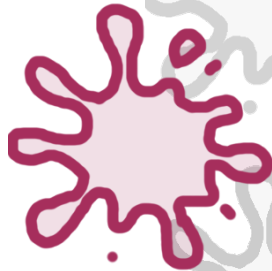


WAI-ARIA

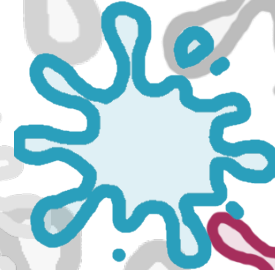
13: Buttons &
Semantic HTML



11: Instructions



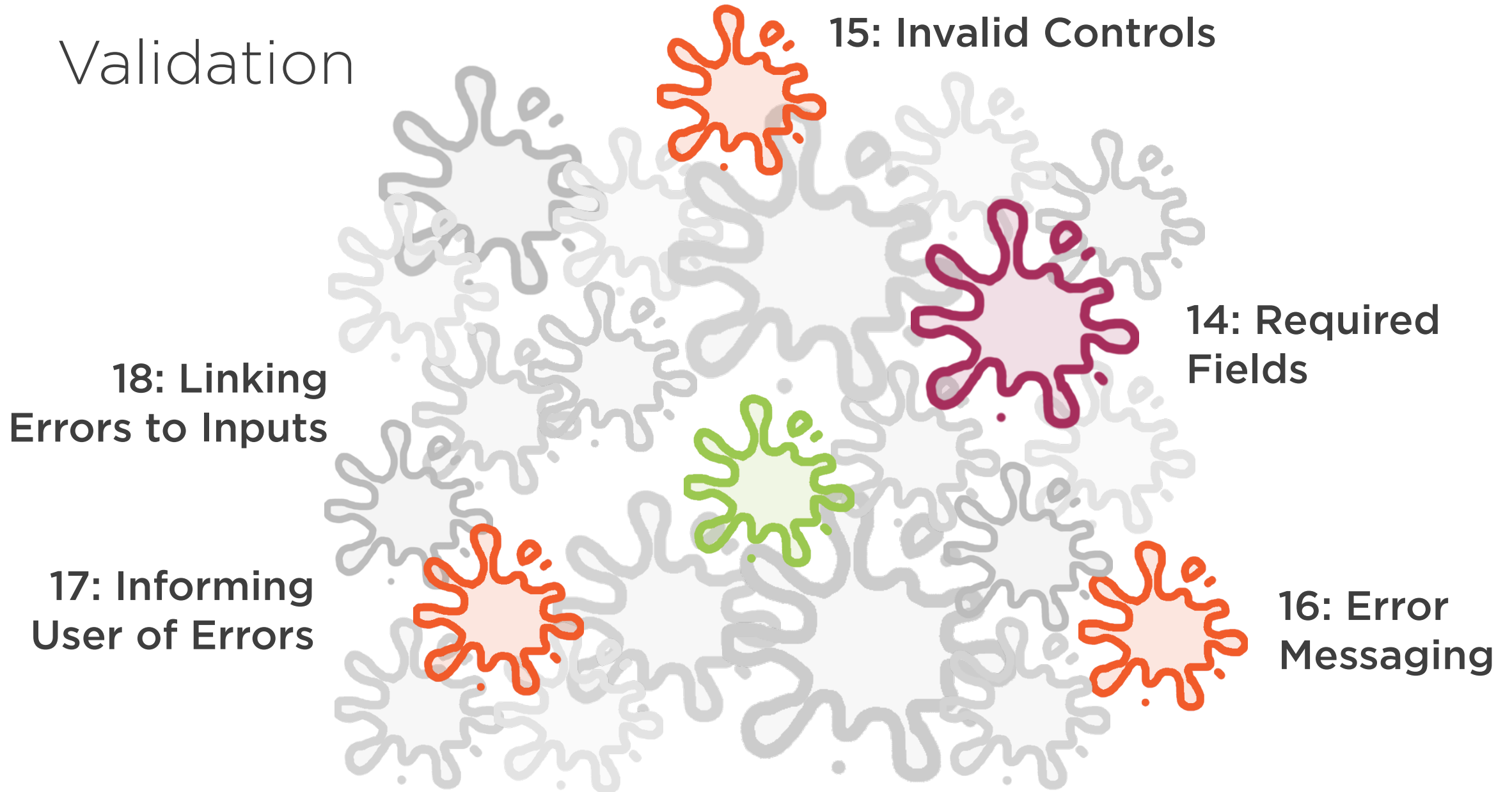
12: Live Regions



10: Improving
Labelling

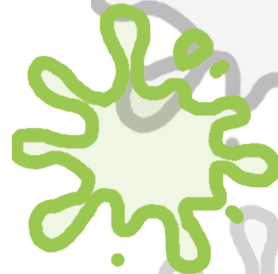


Validation



22: Multi Select Boxes

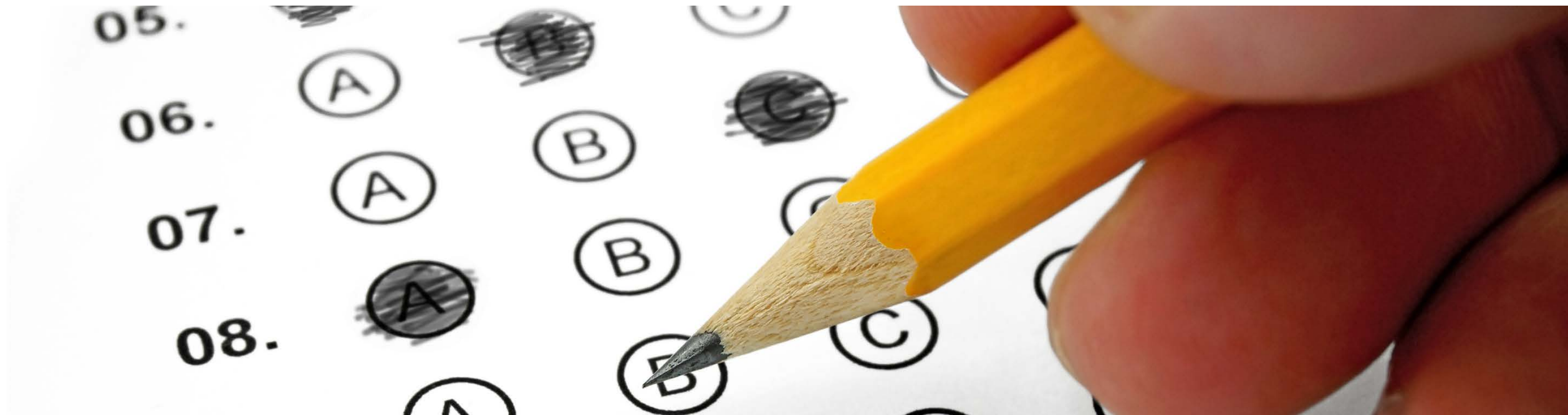
21: Simplify
Inputs



20: Error Prevention

19: Scalable Text

Accessibility Testing



Accessibility Testing Tools

Run tests against
a webpage

Describe issues
and provide fix
suggestions

Most tests can't
be automated, so
only tests a subset

Useful for
checking the easy
ones

Usually have to
test one page at a
time

Need to check
against the whole
WCAG

my accessible .website

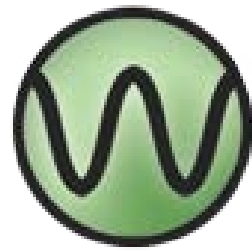
Try the tools on our original, inaccessible case study

Tools tend to require a public URL, on my blog:

<http://myaccessible.website/inaccessible/booking.html>







WAVE

web accessibility evaluation tool

Enter a URL

Displays site overlaid with notes on issues detected

Can select which guidelines you want to meet

<http://wave.webaim.org/>

4

5: Link Purpose

7: Form Field Labels

6: Images for
Buttons

4: Image Alt Text



Accessibility developer tools in Chrome

Audits the site you are viewing

Own set of audit rules, doesn't tie up with guidelines

4

5: Link Purpose

7: Form Field Labels

6: Images for
Buttons

4: Image Alt Text



Full featured accessibility testing application

API for use in continuous integration

Free checker is similar to WAVE

13: Buttons &
Semantic HTML

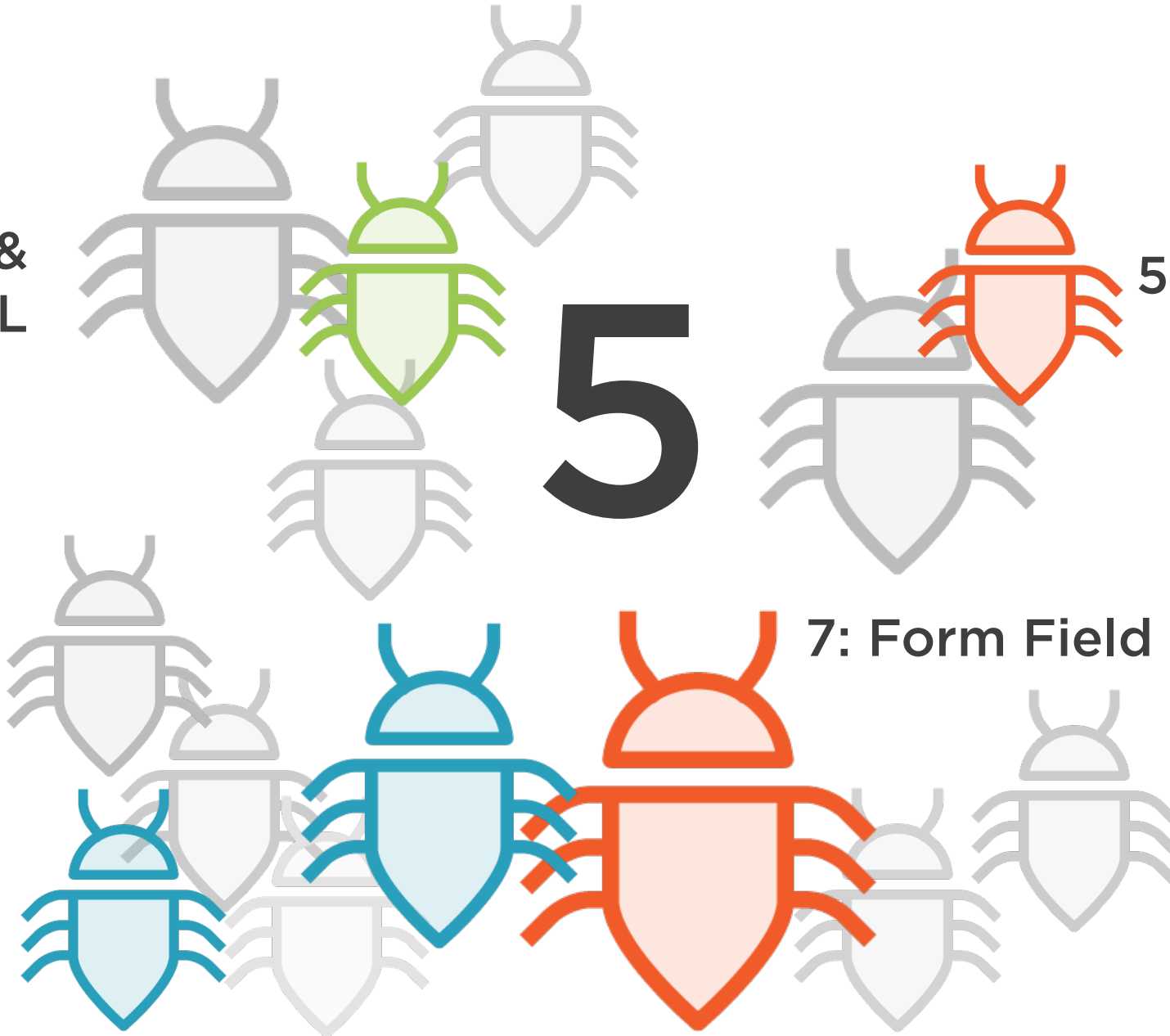
5

5: Link Purpose

7: Form Field Labels

6: Images for
Buttons

4: Image Alt Text



Accessibility Blogs

Marco's Accessibility Blog

<https://www.marcozehe.de/>



<http://myaccessible.website>

Accessibility Wins

<https://a11ywins.tumblr.com/>



<https://www.paciellogroup.com/blog/>

Wuhcag

<https://www.wuhcag.com/>

