

Style Guide Usage

The User Experience (UX) team created this Style Guide to describe how the application should look and how it should act. Any designs unique to individual features, shall be fully described in the feature documentation. [\[https://intranet.office.webassign.net/display/UX/Feature+Documentation\]](https://intranet.office.webassign.net/display/UX/Feature+Documentation)

All application features shall be built to be compliant with these guidelines to ensure consistency and to uphold the brand identity of WebAssign.

Philosophy

The interface should facilitate the highest quality learning experience by enabling instructors to be more proficient teachers and students to be more successful scholars. To that end, we subscribe to the following design principles:



INTUITIVE

The user should not have to think about how to use the system.



WORKFLOW DRIVEN

What is the user trying to do? What is their frame of mind at the time? Where do they start? What are their steps? When is it complete?



FOCUSED

Keep the interface simple and focus on what the user needs, when they need it.



CONSISTENT

Common use of colors and text to convey meaning, widgets working the same everywhere, similar behavior, expectations and tone.



POLITE

Strive to keep users on track to complete their tasks. Remove blockers and warn only when necessary.



ENGAGING

Create engaging interfaces that are pleasing to use and meet the expectations and needs of the user.



UNIVERSAL

The design shall help make the application easier to use for all users on a wide range of devices.

Content

STYLE

Color Palette

This color palette comprises primary and accent colors that can be used for illustration or to develop your brand colors. They've been designed to work harmoniously with each other.

Primary Color Palette

#333333 Rochester Gray	Used for: Page header background, Text
#ffffff White	Used for: Background
#cc0000 WA Red	Used for: Red line in page header
#d7d2c8 WA Putty	Used for: Header, Footer
#0b79bd Emphasis Blue	Used for: Selection
#a0d705 WA Green	Used for: Primary Button, OK
#6e6e6e Medium Gray	Used for: Shadow for all buttons
#aaaaaa Light Gray	Used for: Stroke for all other elements

Tertiary Color Palette

#a0d705 WA Green	Used for: Primary Button, OK
#e2f3b4 WA Green 30% Tint	Used for: Menu highlight
#f1f9da WA Green 15% Tint	Used for: Not currently in use
#0b79bd Emphasis Blue	Used for: Selection
#b6d7eb Emphasis Blue 30% Tint	Used for: Selection row
#dbebf5 Emphasis Blue 15% Tint	Used for: Hover highlight
#d7d2c8 WA Putty	Used for: Header, Footer
#f3f2ef WA Putty 30% Tint	Used for: Not currently in use
#f9f8f7 WA Putty 15% Tint	Used for: Not currently in use
#ad130e Fault Red	Used for: Faults, Incorrect
#e7b9b7 Fault Red 30% Tint	Used for: Not currently in use
#f3dcdb Fault Red 15% Tint	Used for: Flagged question background

Secondary Color Palette

#ad130e Fault Red	Used for: Faults, Incorrect
#ffcc00 WA Yellow	Used for: Warnings
#ffefb2 WA Yellow 2	Used for: Alt Tags
#c45302 Notification Orange	Used for: Notifications
#e2f3b4 WA Green Tint	Used for: Menu highlight
#b6d7eb Emphasis Blue 2	Used for: Selected row
#dbebf5 Emphasis Blue 3	Used for: Highlighted row
#72e4fa Robin Egg Blue	Used for: Student Login, Gauge progress
#dddddd Disabled Gray	Used for: Disabled widgets
rgba(51,51,51,0) Rochester Gray 85%	Used for: Under modal color



















Data Visualization Color Palette

#65a82a Kermit Green	Used for: Most correct
#abd644 Kermit Green 2	Used for: Secondary correct
#ceed7a Kermit Green 3	Used for: Tertiary
#f34b34 WA Animal Orange	Used for:
#fe6f5c WA Animal Orange 2	Used for:
#fe9687 WA Animal Orange 3	Used for:
#24475b WA Gonzo Blue	Used for:
#52788e WA Gonzo Blue 2	Used for:
#94b0c1 WA Gonzo Blue 3	Used for:
#ad130e Fault Red	Used for: Faults, Incorrect
#e7b9b7 Fault Red 2	Used for: Not currently in use
#f3dcdb Fault Red 3	Used for: Flagged question background



















Icons

A system icon, or UI icon, symbolizes a command, file, device, or directory. System icons are also used to represent common actions like trash, print, and save. The design of system icons is simple, modern, friendly, and sometimes quirky. Each icon is reduced to its minimal form, with every idea edited to its essence. The designs ensure readability and clarity even at small sizes.





























































Status Icons

Green Status			
Yellow Status			
Red Status			
Gray Status			
Information Status			
Retaken Status			

Directional Icons

Caret Down			
Caret Left			
Caret Right			
Caret Up			
Thin Caret Left			
Thin Caret Right			

Icons

Analytics			
Assignments			
Calendar			
Checkmark			
Classes			
Close			
Download			
Flag			
Hamburger			
Information			
Message			
More			
Plus			
Questions			
Resources			
Save			
Search			
Settings			
Thin X			
Trash			

Typography

Num dolore officilicta nonet a volum erunt vente sincti voluptius sequatist, quam, voluptatus etus. Ari con es que perum fugia volorem. Tus et quantis et rerum veruntis non rem et molut undit, quunt occus digenditatio consequi ventotatius min cum ut minimodit, cusandi optur, veliaspere voloreriam, nos invendanti siti veruptatia venti blaut illuptatibus debit, velia int quam facium

Title Text 26px (20pt)

Open Sans Condensed; weight: bold; line height: 37px; color #333

Large Text 18px (14pt)

Open Sans; weight: bold; line height: 25px; color #333 (#ffffff on Rochester Gray)

Label Text 15px (11pt)

Open Sans; weights: regular, semibold, bold; line height: 21px; color #333 (#ffffff on Rochester Gray)

Normal Text 13px (10pt)

Open Sans; weights: regular, semibold, italic; line height: 18px; color #333 or #0b79bd

Small Text 11px (8pt)

Open Sans; weights: regular, semibold, italic; line height: 16px; color #555 (#ffffff on Rochester Gray)

Note: Line height is approximately 1.4x the font size.

Text Colors

#085F94 Text Link	Used for: Text links
#333333 Rochester Gray	Used for: Primary color
#555555 Small Font	Used for: Small font
#6e6e6e Medium Gray	Used for: Placeholder font
#aaaaaa Light Gray	Used for: Disabled font
#ffffff White	Used for: Dark background
#ad130e Fault Red	Used for: Fault font (not on dark background)

ELEMENTS

Buttons

A button clearly communicates what action will occur when the user touches it. It consists of text, an image, or both, designed in accordance with your app's color theme.

Usage

Raised buttons are typically rectangular material buttons that lift and display ink reactions on press. Raised buttons add dimension to mostly flat layouts. They emphasize functions on busy or wide spaces.

Flat buttons are made of ink that displays ink reactions on press but does not lift. Use flat buttons for toolbars and dialogs to avoid excessive layering.

Icon buttons are appropriate for app bars, toolbars, action buttons or toggles. Icon toggles can display bounded or unbounded ink ripples beyond their touch target bounds.

Raised Buttons



Green primary button

- 1. Normal text**
font family: Open Sans Semibold
font size: 13px
font color: Rochester Gray/Light Gray
text alignment: centered vertically and horizontally
- 2. Default state**
font color: Rochester Gray
background color: WA Green
minimum width: 90px total including 1px border
height: 30px total including shadow
Shadow on bottom and right:
1px solid Medium Gray
padding, left and right: 20px
- 3. Focused state**
font color: Rochester Gray
background color: WA Green
minimum width: 90px total including 1px border
height: 30px total including 1px border
border: 1px solid Emphasis Blue
padding, left and right: 20px

- 4. Pressed state**
font color: Rochester Gray
background color: Disabled Gray
minimum width: 90px total including 1px border
height: 30px total including 1px border
border: 1px solid Emphasis Blue
padding, left and right: 20px
- 5. Disabled state**
font color: Light Gray
background color: Disabled Gray
height: 30px total including 1px border
border: 1px solid Disabled Gray
padding, left and right: 20px
- 6. Padding**
Space between buttons: 10px

White secondary button

- 1. Normal text**
font family: Open Sans Semibold
font size: 13px
font color: Rochester Gray/Light Gray
text alignment: centered vertically and horizontally
- 2. Default state**
font color: Rochester Gray
background color: White
minimum width: 90px total including 1px border and shadow
height: 30px total including 1px border and shadow
border: 1px solid Medium Gray
Shadow on bottom and right:
1px solid Medium Gray
padding, left and right: 20px
- 3. Focused state**
font color: Rochester Gray
background color: White
minimum width: 90px total including 1px border
height: 30px total including 1px border
border: 1px solid Emphasis Blue
padding, left and right: 20px

- 4. Pressed state**
font color: Rochester Gray
background color: Disabled Gray
minimum width: 90px total including 1px border
height: 30px total including 1px border
border: 1px solid Disabled Gray
Shadow on bottom and right:
1px solid Medium Gray
padding, left and right: 20px
- 5. Disabled state**
font color: Light Gray
background color: Disabled Gray
minimum width: 90px total including 1px border
height: 30px total including 1px border
border: 1px solid Disabled Gray
padding, left and right: 20px
- 6. Padding**
Space between buttons: 10px



Blue small button

- 1. Small text**
font family: Open Sans Semibold
font size: 11px
font style: uppercase
font color: White
text alignment: centered vertically and horizontally
- 2. Default state**
font color: White
background color: Emphasis Blue
minimum width: 75px total including 1px shadow
height: 20px total including 1px shadow
Shadow on bottom and right:
1px solid Medium Gray
- 3. Focused state**
font color: White
background color: Emphasis Blue
minimum width: 75px total including 1px border
height: 20px total including 1px border
border: 1px solid Emphasis Blue

- 4. Pressed state**
font color: Rochester Gray
background color: Disabled Gray
minimum width: 75px total including 1px border
height: 20px total including 1px border
border: 1px solid Emphasis Blue
- 5. Disabled state**
font color: Light Gray
background color: Disabled Gray
minimum width: 75px total including 1px border
height: 20px total including 1px border
border: 1px solid Disabled Gray
- 6. Padding**
Space between buttons: 10px

Flat Button



- 1. Normal text**
font family: Open Sans Semibold
font size: 13px
font color: Emphasis Blue
- 2. Focused state**
font color: Emphasis Blue
style: underlined

- 3. Pressed state**
font color: Rochester Gray
- 4. Disabled state**
font color: Disabled Gray
- 5. Padding**
Space between buttons: 10px

Dialogs

Dialogs inform users about critical information, require users to make decisions, or encapsulate multiple tasks within a discrete process. Use dialogs sparingly because they are interruptive in nature. Their sudden appearance forces users to stop their current task and refocus on the dialog content. Not every choice, setting, or detail warrants interruption and prominence.

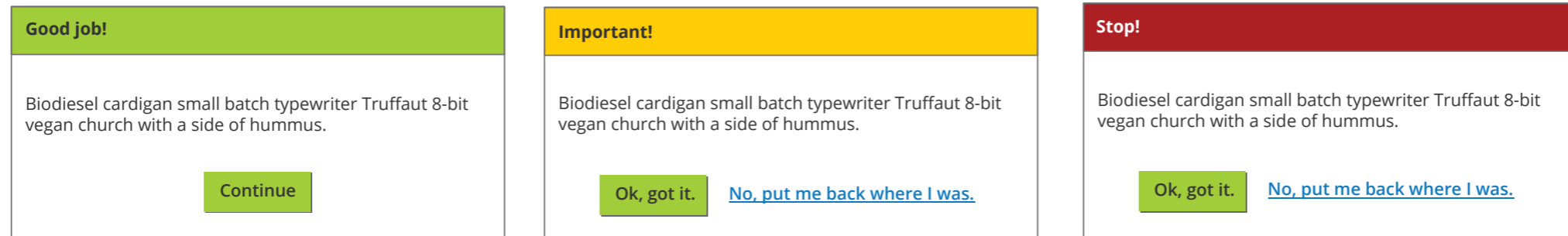
Usage

Dialogs are a sub-type of modal windows, and the examples covered here are for standard material system dialogs.

Alerts inform the user about a situation or action that requires their confirmation or acknowledgment before proceeding. They differ slightly in appearance based upon the severity and impact of the message conveyed. Alerts are interruptive, urgent, and prevent users from proceeding until they make a decision.

Confirmation dialogs require users to explicitly confirm their choice before the option is committed.

Pop up



1. Normal text - title

font family: Open Sans Bold
font size: 13px
color: Rochester/White
text alignment: centered vertically, left aligned with 10px space between border and 1st character.

2. Normal text - body

font family: Open Sans Regular
font size: 13px
color: Rochester Gray
text alignment: centered vertically, left aligned with 10px space between border and 1st character.
wrap first sentence as needed

3. Green state

font family: Open Sans Bold
font color: Rochester Gray
color: WA Green
background color: White
minimum width: 325px total including 1px border
maximum width: 500px total including 1px border
border: 1px solid Medium Gray

4. Yellow state

font family: Open Sans Bold
font color: Rochester Gray
color: WA Yellow
background color: White
minimum width: 325px total including 1px border
maximum width: 500px total including 1px border
border: 1px solid Medium Gray

5. Red state

font family: Open Sans Bold
font color: White
color: Fault Red
background color: White
minimum width: 325px total including 1px border
maximum width: 500px total including 1px border
border: 1px solid Medium Gray

6. Under modal darken color

Rochester Gray 80%

Banner

Name	Email	Latest Score	Date	Duration	Retakes Used
Johnny Jumpstart	Johnny.Jumpstart@msu.edu	—	06/15/2015	—	0 of 2
Lisa Lovelace	Lisa.Lovelace@msu.edu	28	06/15/2015	00:01:20	0 of 2
Freddy Frankenstein	Freddy.Frankenstein@msu.edu	72	06/15/2015	00:55:20	0 of 2
Missy Monster	Missy.Monster@msu.edu	98	06/15/2015	00:55:20	1 of 2
Fanny Frightening	Fanny.Frightening@msu.edu	70	06/15/2015	00:55:20	2 of 2
Zelda Zombie	Zelda.Zombie@msu.edu	49	06/15/2015	00:55:20	2 of 3
Ollie Ogre	Ollie.Ogre@msu.edu	85	06/15/2015	00:55:20	5 of 5

1. Normal text - title

font family: Open Sans Bold
font size: 13px
color: Rochester
text alignment: centered vertically and horizontally

2. Banner

width: same as header
height: 40px
color: WA Yellow

3. Initial timeout

the pointer must remain stationary for the tip to appear
default time: 0.5 seconds

4. Removal timeout

after which the tip is automatically removed
default time: 5 seconds

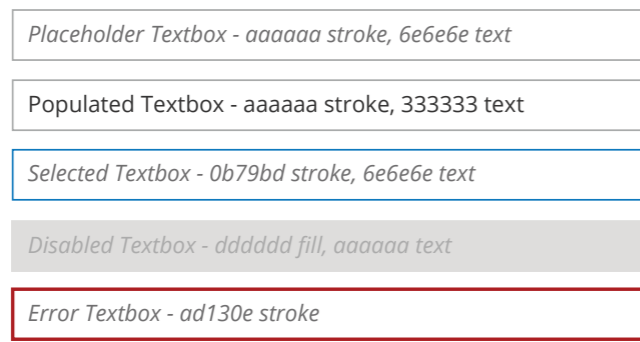
Input Fields

Text fields allow the user to input text. They can be single-line, with or without scrolling, or multi-line, and can have an icon. Touching a text field places the cursor and automatically displays the keyboard. In addition to typing, text fields allow for a variety of other tasks, such as text selection (cut, copy, paste) and data lookup via auto-completion.

Usage

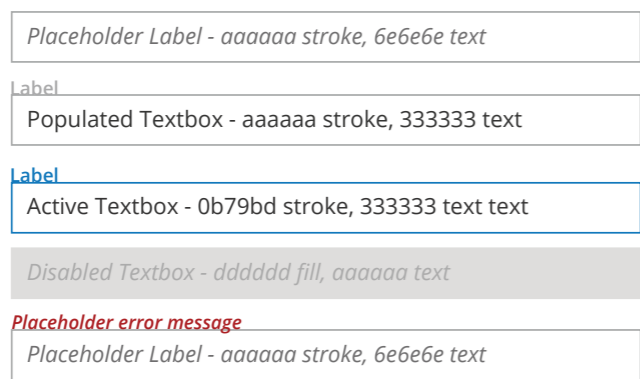
Single-line fields automatically scroll their content to the left as the text input cursor reaches the right edge of the input field. When the user engages with the text input field, the floating inline labels move to float above the field.

Single-line Text Field



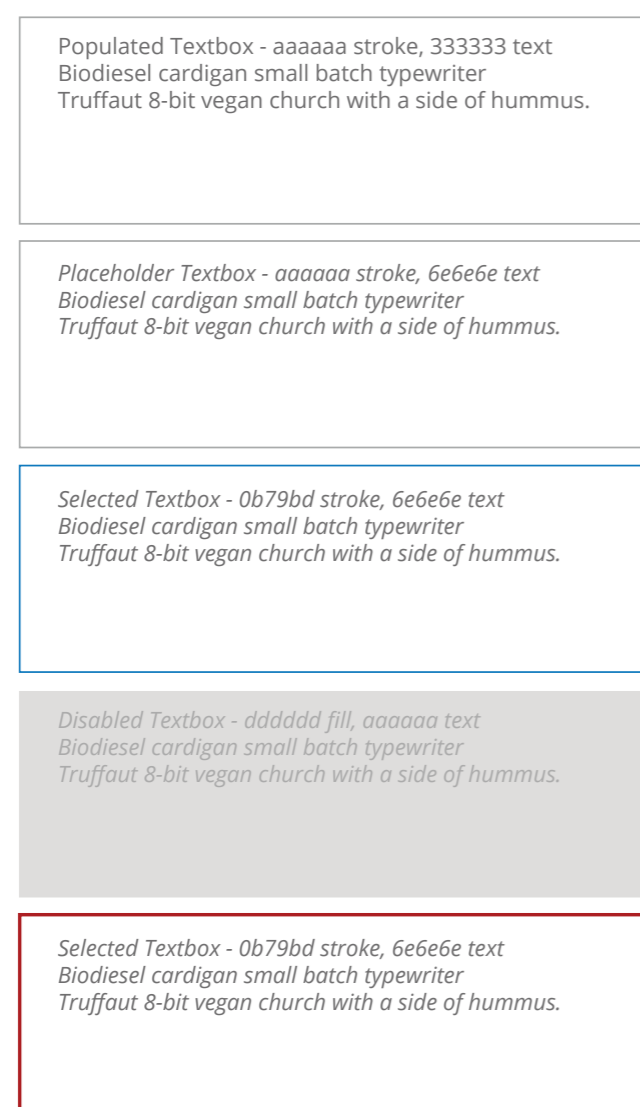
- 1. Normal text**
font family: Open Sans Regular/Italic
font size: 13px
color: Rochester/Medium/Light Gray
text alignment: centered vertically, left aligned with 10px space between border and 1st character.
- 2. Default state**
font family: Open Sans Italic
font color: Medium Gray
background color: White
minimum width: 366px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray
- 3. Populated state**
font family: Open Sans Regular
font color: Rochester Gray
background color: White
minimum width: 366px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray
- 4. Focused state**
font family: Open Sans Regular/Italic
font color: Rochester/Medium Gray
background color: White
minimum width: 366px total including 1px border
height: 30px total including 1px border
border: 1px solid Emphasis Blue
- 5. Disabled state**
font family: Open Sans Italic
font color: Light Gray
background color: Disabled Gray
minimum width: 366px total including 1px border
height: 30px total including 1px border
border: 1px solid Disabled Gray
- 6. Error state**
border: 2px solid Fault Red (replaces 1px gray border)
- 7. Padding**
Space between fields or labels: 10px

Floating Labels



- 1. Normal text - Input**
font family: Open Sans Regular/Italic
font size: 13px
color: Rochester/Medium/Light Gray
text alignment: centered vertically, left aligned with 10px space between border and 1st character.
- 2. Small text - Label**
font family: Open Sans Semibold/Italic
font size: 11px
color: Medium Gray/Emphasis Blue/Fault Red
text alignment: 1px from edge of box, no space between text and top edge of box (touching)
- 3. Default state**
font family: Open Sans Italic
font color: Medium Gray
background color: White
minimum width: 366px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray
- 4. Populated state**
font family: Open Sans Regular
font color: Rochester Gray
label color: Medium Gray
background color: White
minimum width: 366px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray
- 5. Focused state**
font family: Open Sans Regular/Italic
font color: Rochester/Medium Gray
label color: Emphasis Blue
background color: White
minimum width: 366px total including 1px border
height: 30px total including 1px border
border: 1px solid Emphasis Blue
- 6. Disabled state**
font family: Open Sans Italic
font color: Light Gray
background color: Disabled Gray
minimum width: 366px total including 1px border
height: 30px total including 1px border
border: 1px solid Disabled Gray
- 7. Error state**
font family: Open Sans Regular/Italic
font color: Rochester/Medium Gray
label color: Fault Red
background color: White
minimum width: 366px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray
- 8. Padding**
20px (to allow roughly 10px between an outer label and the field above) vertically; 20px horizontally

Multi-line Text Field



- 1. Normal text**
font family: Open Sans Regular/Italic
font size: 13px
color: Rochester/Medium/Light Gray
text alignment: centered vertically, left aligned with 10px space between border and 1st character.
- 2. Default state**
font family: Open Sans Italic
font color: Medium Gray
background color: White
minimum width: 366px total including 1px border
height: varies
border: 1px solid Light Gray
- 3. Populated state**
font family: Open Sans Regular
font color: Rochester Gray
background color: White
minimum width: 366px total including 1px border
height: varies
border: 1px solid Light Gray
- 4. Focused state**
font family: Open Sans Regular/Italic
font color: Rochester/Medium Gray
background color: White
minimum width: 366px total including 1px border
height: varies
border: 1px solid Emphasis Blue
- 5. Disabled state**
font family: Open Sans Italic
font color: Light Gray
background color: Disabled Gray
minimum width: 366px total including 1px border
height: varies
border: 1px solid Disabled Gray
- 6. Error state**
border: 2px solid Fault Red (replaces 1px gray border)
- 7. Padding**
Space between fields or labels: 10px

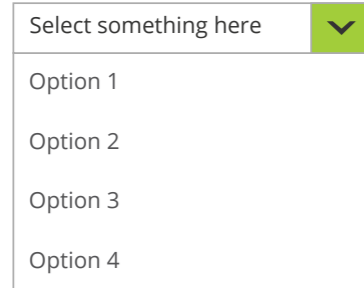
Lists

Lists present multiple line items in a vertical arrangement as a single continuous element.

Usage

A list consists of a single continuous column of tessellated sub-divisions of equal width called rows that function as containers for tiles.

Dropdown



1. Normal text

font family: Open Sans Regular
font size: 13px
line height: 270%
font color: Rochester Gray
text alignment: centered vertically,
left aligned with 10px space between
border and 1st character of label text

2. Default state

background color: White
width: 209px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray
Icon Box
background-color: WA Green
width: 36px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray

3. Tiles

background color: White
border color: Light Gray
border width: 1px
border style: solid
width: varies by content

4. Opened box

background color: White
border color: Light Gray
border width: 1px
border style: solid
width: varies by content
height: varies by content

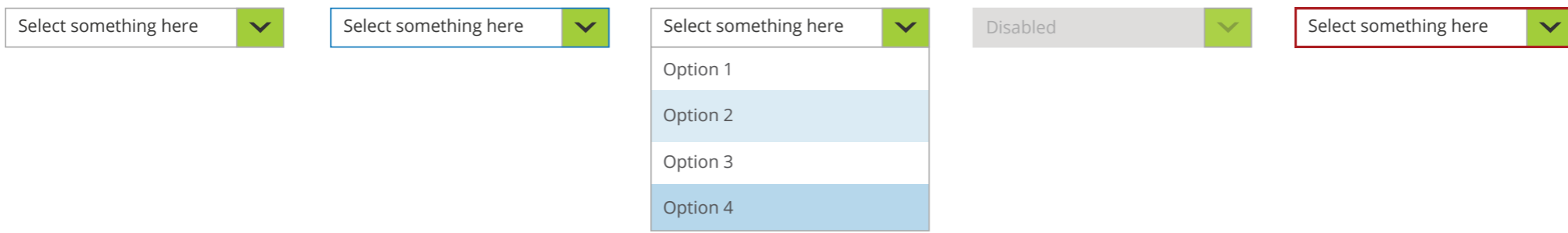
Menus

Menus allow users to take an action by selecting from a list of choices revealed upon opening a temporary, new sheet of material.

Usage

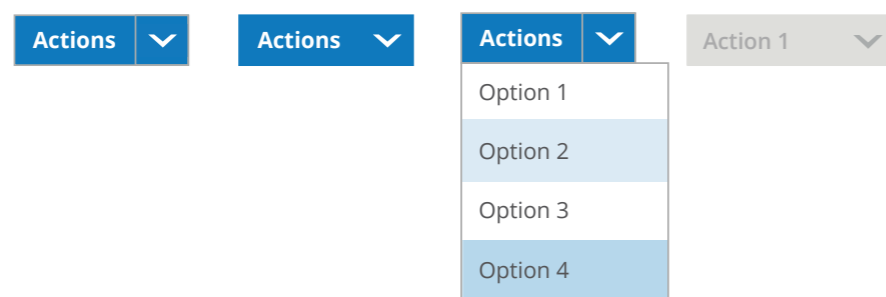
A menu is a temporary piece of material emitted from a button, an action, a pointer, or another control that contains at least two menu items. Menus appear above all other in-app UI elements. Dismiss a menu by tapping outside of the menu, or by tapping the emitting button (if visible).

Dropdown



- 1. Normal text**
font family: Open Sans
font size: 13px
color: Rochester Gray
text alignment: centered vertically, left aligned with 10px space between border and 1st character.
- 2. Default state**
background color: White
width: 209px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray
Icon Box
background-color: WA Green
width: 36px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray
- 3. Focused state**
background color: White
width: 209px total including 1px border
height: 30px total including 1px border
border: 1px solid Emphasis Blue
Icon Box
background-color: WA Green
width: 36px total including 1px border
height: 30px total including 1px border
border: 1px solid Emphasis Blue
- 4. Pressed state**
background color: White
width: 209px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray
Icon Box
background-color: WA Green
width: 36px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray
- 5. Disabled state**
font family: Open Sans
font color: Light Gray
background color: Disabled Gray
width: 209px total including 1px border
height: 30px total including 1px border
border: 1px solid Disabled Gray
Icon Box
background-color: WA Kermit Green 2
width: 36px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray
Icon Color (disabled)
background-color: Rochester Gray 30%;
- 7. Opened box**
font family: Open Sans
font size: 13px
line height: 270%
font color: Rochester Gray
background color: White
width: varies by content
height: varies by content
border: 1px solid Light Gray
- 8. Highlight row (light blue on hover)**
font family: Open Sans Semibold
background-color: Emphasis Blue 3
- 9. Selected row (medium blue on click)**
font family: Open Sans Bold
background-color: Emphasis Blue 2
- 10. Padding**
Space between fields: 10px

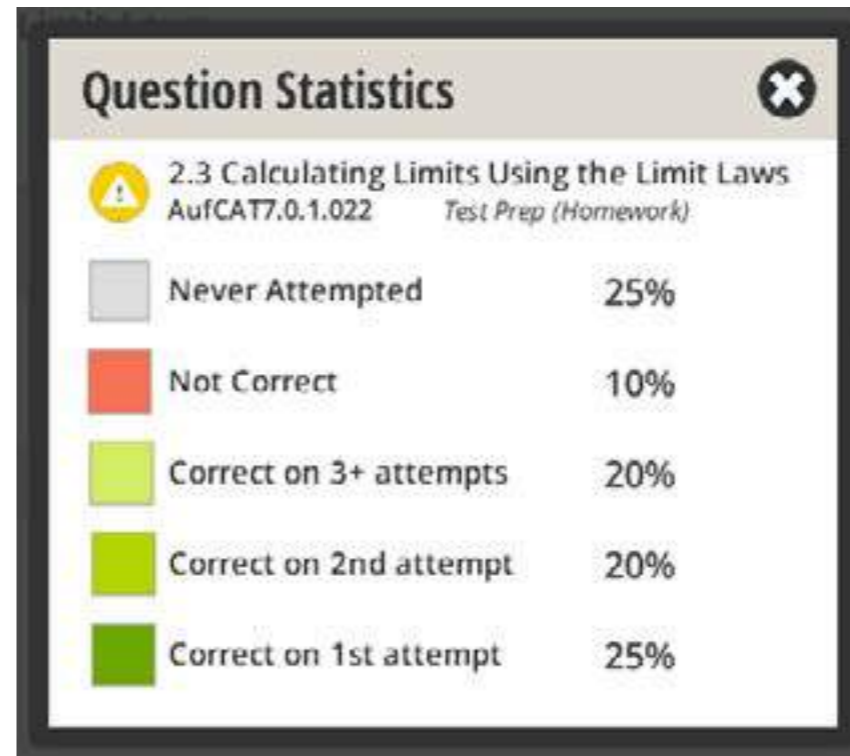
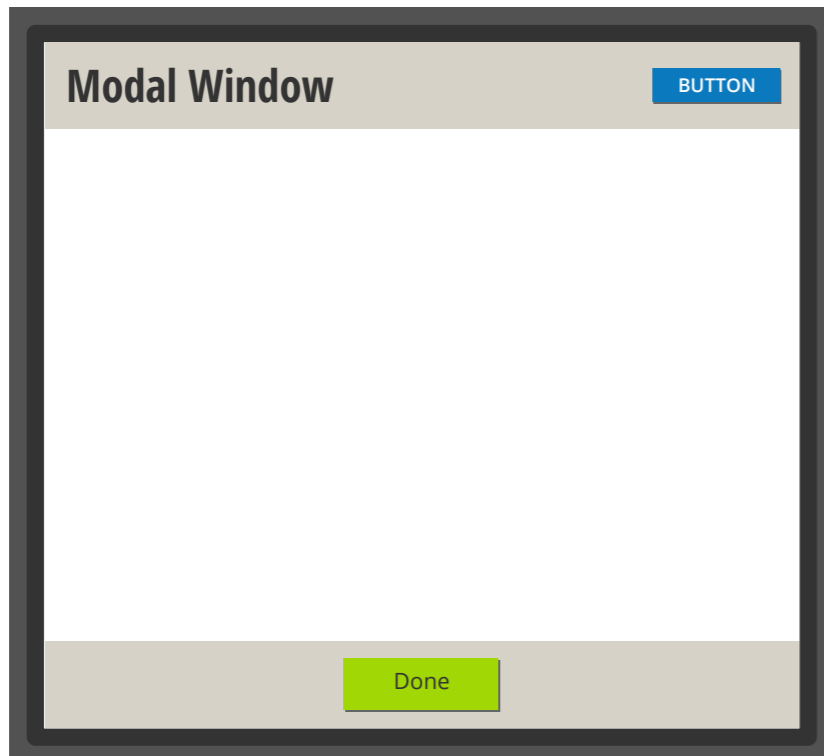
Actions Dropdown



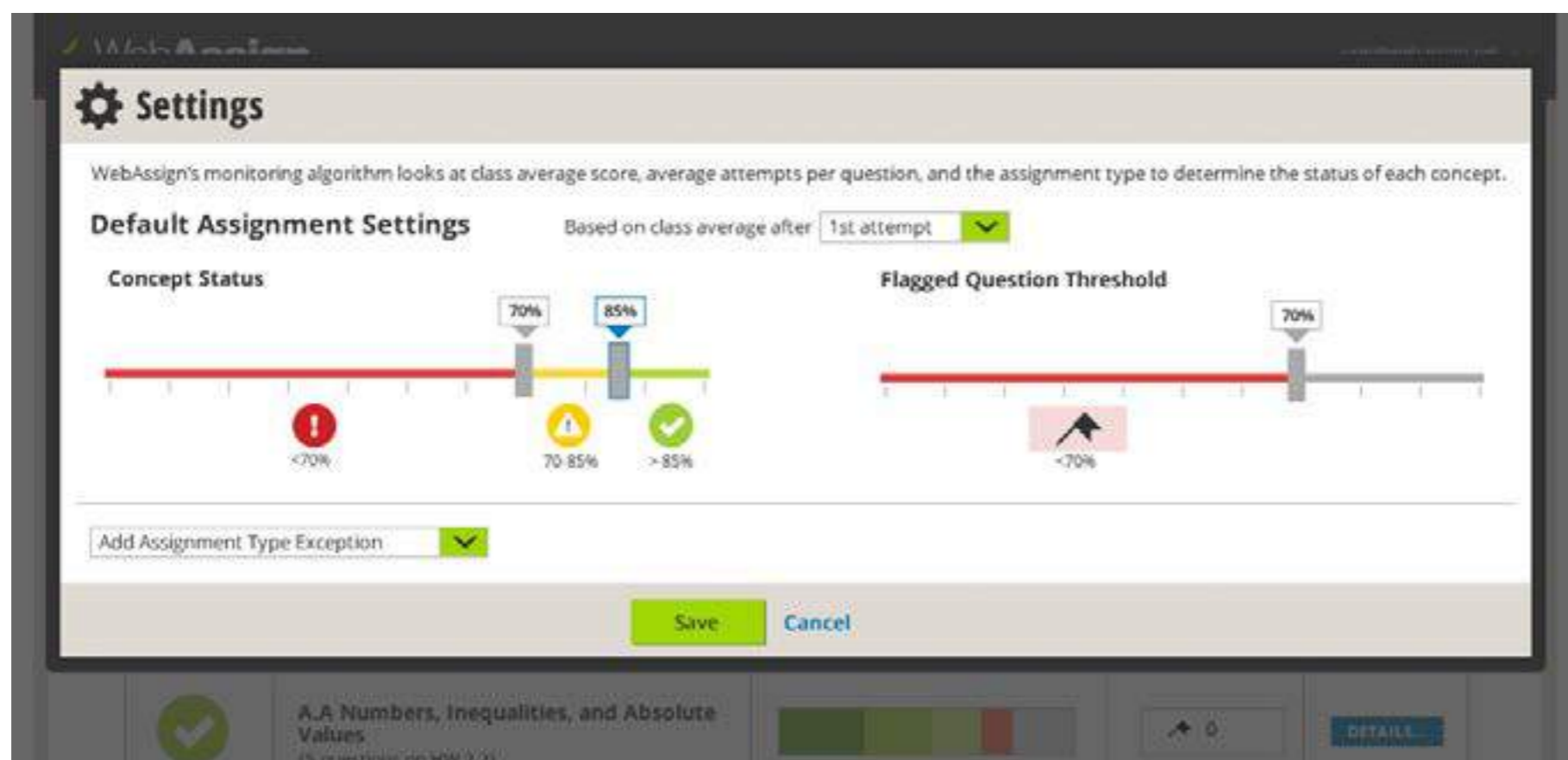
- 1. Normal text**
font family: Open Sans Bold
font size: 13px
color: white
text alignment: centered vertically, left aligned with 10px space between border and 1st character.
- 2. Default state**
background color: Emphasis Blue
width: 102px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray
Icon Box
background color: Emphasis Blue
width: 30px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray
icon: down_carat_white.svg – centered vertically and horizontally within the box
- 3. Focused state**
background color: Emphasis Blue
width: 102px total including 1px border
height: 30px total including 1px border
border: 1px solid Emphasis Blue
Icon Box
background color: Emphasis Blue
width: 30px total including 1px border
height: 30px total including 1px border
border: 1px solid Emphasis Blue
icon: down_carat_white.svg – centered vertically and horizontally within the box
- 4. Pressed state**
background color: Emphasis Blue
width: 102px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray
Icon Box
background color: Emphasis Blue
width: 30px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray
icon: down_carat_white.svg – centered vertically and horizontally within the box
- 5. Disabled state**
font family: Open Sans Semibold
font color: Light Gray
background color: Disabled Gray
width: 102px total including 1px border
height: 30px total including 1px border
border: 1px solid Disabled Gray
Icon Box
background color: Disabled
width: 30px total including 1px border
height: 30px total including 1px border
border: 1px solid Disabled Gray
- 6. Opened Box**
font family: Open Sans
font size: 13px
line height: 270%
font color: Rochester Gray
background color: White
border: 1px solid Light Gray
width: varies by content
height: varies by content
- 7. Highlight row (light blue on hover)**
font family: Open Sans Semibold
background-color: Emphasis Blue 3
- 8. Selected row (light blue on click)**
font family: Open Sans Bold
background-color: Emphasis Blue 2
- 9. Padding**
Space between fields: 10px

Modals

Num dolore officilicta nonet a volum erunt vente sincti voluptius sequatist, quam, voluptatus etus. Ari con es que perum fugia volorem. Tus et quantis et rerum veruntis non rem et molut undit, quunt occus digenditatio consequi ventotatius min cum ut minimodit, cusandi optur, veliaspere voloreriam, nos invendanti siti veruptatia venti blaut illuptatibus debit, velia int quam facium



- | | | | |
|---|--|---|--|
| <p>1. Title text
font family: Open Sans Condensed Bold
font size: 26px
font color: Rochester Gray
alignment: centered vertically
space from edge: 10px</p> | <p>2. Normal text
font family: Open Sans Regular
font size: 13px
font color: Rochester Gray
space from edge: 10px</p> | <p>3. Border
size: 10px
color: Rochester Gray</p> <p>4. Header and footer
height: 50px
width: varies by content
color: WA Putty</p> | <p>5. Optional close Icon
close_icon_333.svg</p> <p>6. Under modal darken color
Rochester Gray 80%</p> |
|---|--|---|--|



Picker

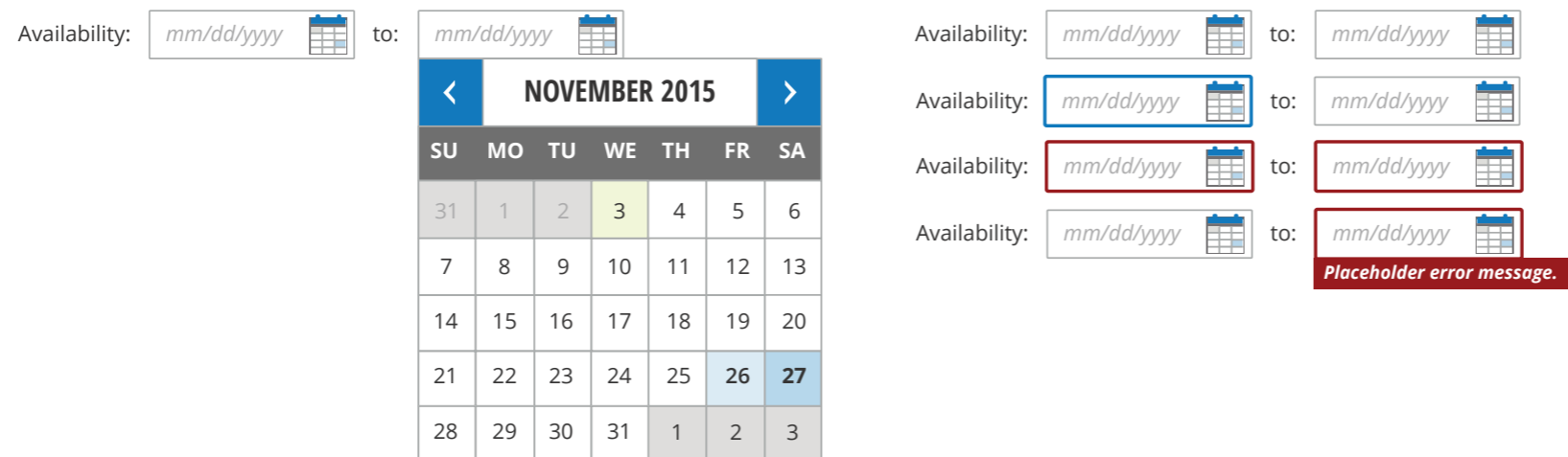
Pickers provide a simple way to select a single value from a pre-determined set.

Usage

A dialog picker is used to select a single date on mobile.

The selected day is indicated by a filled circle. The current day is indicated by a different color and type weight.

Date Picker



1. Normal text - Inner label

font family: Open Sans Italic
font size: 13px
color: Medium Gray
text alignment: centered vertically, left aligned with 10px space from edge of border and 1st character

2. Normal text - Outer label

font family: Open Sans Regular
font size: 13px
color: Rochester Gray
text alignment: left aligned with 10px space between longest label and left edge of textbox

3. Small text - Error message

font family: Open Sans Bold Italic
font size: 11px
color: White
text alignment: left aligned with 5px space between left and right edge of textbox

4. Default state

background color: White
default width: 125px total including 1px border
height: 30px

5. Populated state

font family: Open Sans Regular
font size: 13px
font color: Rochester Gray
background color: White
default width: 125px total including 1px border
height: 30px total including 1px border
border: 1px solid Light Gray

6. Focused state

background color: White
default width: 125px total including 1px border
height: 30px total including 1px border
border: 1px top, left and right; 2px bottom solid Emphasis Blue

7. Disabled state

font family: Open Sans Italic
font size: 13px
font color: Light Gray
background color: Disabled Gray
default width: 125px
height: 30px

8. Error state

border: 2px solid Fault Red (replaces 1px gray border)
label background color: Fault Red
label width: to content with 5px padding
label height: 20px total including 1px border
label border: 1px solid Fault Red

9. Opened Box

font family: Open Sans Regular/Bold/Semibold
font size: 13px
font color: Rochester Gray/Light Gray
background color: White
border: 1px solid Light Gray
width:
height:

10. Highlight box

(light blue on hover)
font family: Open Sans Semibold
background-color: Emphasis Blue 3

11. Selected box

(light blue on click)
font family: Open Sans Bold
background-color: Emphasis Blue 2

12. Padding

Space between fields: 20px vertically; 20px horizontally

Selection Controllers

Selection controls allow the user to select options. There are three kinds: checkboxes, radio buttons, and on/off switches. Selection controls use the theme's accent color.

Usage

Checkboxes allow the user to select multiple options from a set. If you have multiple options appearing in a list, you can preserve space by using checkboxes instead of on/off switches.

Radio buttons allow the user to select one option from a set. Use radio buttons for exclusive selection if you think that the user needs to see all available options side-by-side.

On/off switches toggle the state of a single settings option. The option that the switch controls, as well as the state it's in, should be made clear from the corresponding inline label. Switches take on the same visual properties of the radio button.

Checkboxes



- 1. Normal text**
font family: Open Sans
font size: 13px
color: Rochester Gray
- 2. Default checked**
background color: correct: WA Green
form: Emphasis Blue
incorrect: Fault Red
width: 19px
height: 19px
no border
check icon: checkboxcheck.svg
- 3. Default unchecked**
background color: White
width: 19px
height: 19px
border width: 1px
border style: solid
border color: Rochester Gray
- 4. Focused state**
border: 1px solid Emphasis Blue
- 5. Pressed state**
border: 1px solid Emphasis Blue
- 6. Disabled state**
font family: Open Sans
font size: 13px
font color: Light Gray
background color: White
border color: Disabled Gray
- 7. Padding**
Space between buttons: 10px

Radio Buttons



- 1. Normal text**
font family: Open Sans
font size: 13px
color: Rochester Gray
- 2. Default selected**
background color: correct: WA Green
form: Emphasis Blue
incorrect: Fault Red
width: 11px
height: 11px
border radius: 42%/42%
alignment: centered vertically and horizontally
- 3. Default unselected**
background color: White
width: 19px
height: 19px
border width: 1px
border radius: 52%/52%
border style: solid
- 4. Focused state**
border: 1px solid Emphasis Blue
- 5. Pressed state**
border: 1px solid Emphasis Blue
- 6. Disabled state**
font family: Open Sans
font size: 13px
font color: Light Gray
background color: White
border color: Disabled Gray
- 7. Padding**
Space between buttons: 10px

Toggle Switch



- 1. Normal text**
font family: Open Sans Bold
font size: 11px
font style: uppercase
font color: Rochester Gray
text alignment: centered vertically and horizontally
space between text and left/right edges of button: 10px
- 2. Default active**
background color: WA Green
border: 1px solid Light Gray
minimum button width: 38px
total height: 20px
empty space on other side of toggle: White
- 3. Default inactive**
background color: Light Gray
border: 1px solid Light Gray
minimum button width: 38px
total height: 20px
empty space on other side of toggle: White
- 4. Focused state**
border: 1px solid Emphasis Blue
- 5. Pressed state**
border: 1px solid Emphasis Blue
- 6. Disabled state**
font family: Open Sans
font size: 13px
color: Light Gray
background color: Disabled Gray
border color: Disabled Gray
- 7. Padding**
Space between buttons: 10px

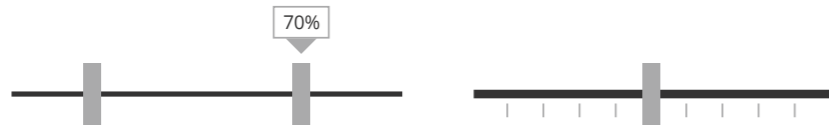
Sliders

Sliders let users select a value from a continuous or discrete range of values by moving the slider thumb. The smallest value is to the left, the largest to the right. Sliders can have icons to the left and right of the bar that reflect the value intensity. The interactive nature of the slider makes it a great choice for settings that reflect intensity levels, such as volume, brightness, or color saturation.

Usage

The discrete slider thumb snaps to evenly spaced tick marks along the slider rail. Use for objective settings that require specific values for the user to make meaningful adjustments. Each tick mark should change the setting to a level that's discernible to the user. The values are predetermined and aren't user-editable.

Default



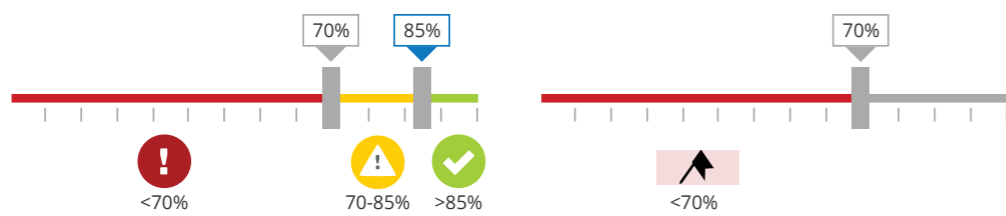
- 1. Horizontal slider**
width: varies
height: 5px
color: Rochester Gray
- 2. Grabber**
width: 10px
height: 36px
color: Light Gray

- 3. Label box**
width: 33px
height: 19px
border color: Light Gray
border width: 1px
border style: solid

- 4. Label text**
font family: Open Sans or Open Sans
Semibold
font size: 11px
color: Rochester Gray

- 5. Tick marks**
width: 1px
height: 8px
color: Light Gray

Concept Status



- 1. Horizontal slider**
width: varies
height: 5px
color: varies
- 2. Grabber**
width: 10px
height: 36px
color: Light Gray

- 3. Label box**
width: 33px
height: 19px
border color: Light Gray
border width: 1px
border style: solid
- 4. Label text**
font family: Open Sans or Open Sans
Semibold
font size: 11px
color: Rochester Gray

- 5. Tick marks**
width: 1px
height: 8px
color: Light Gray

- 6. Status icon**
width: 20px
height: 20px
color: WA Green, WA Yellow,
or Fault Red

- 7. Flag icon**
width: 20px
height: 20px
color: Black
background color: Fault Red 3

Snackbars/Banner

Snackbars provide lightweight feedback about an operation by showing a brief message at the bottom of the screen. Snackbars can contain an action.

Usage

Show only one snackbar on screen at a time. Snackbars appear above most elements on screen, and they are equal in elevation to the floating action button. However, they are lower in elevation than dialogs, bottom sheets, and navigation drawers. Upon entrance, snackbars animate upwards from the bottom edge of the screen. When they appear, they do not block input. They exit by being swiped off-screen or automatically disappear after a timeout or user interaction elsewhere (such as summoning a new surface or activity).



- | | | | |
|---|---|--|---|
| <p>1. Normal text
font family: Open Sans Bold
font size: 13px
color: Rochester Gray
text alignment: centered vertically and horizontally</p> | <p>3. Yellow state
width: same as header
height:40px
color: WA Yellow
alignment: top of page</p> | <p>5. Blue state
width: same as header
height:40px
color: Emphasis Blue
alignment: bottom of page</p> | <p>7. Removal timeout
after which the tip is automatically removed
default time: 5 seconds</p> |
| <p>2. Green state
width: same as header
height:40px
color: WA Green
alignment: top of page</p> | <p>4. Red state
width: same as header
height:40px
color: Fault Red
alignment: bottom of page</p> | <p>6. Initial timeout
the pointer must remain stationary for the tip to appear
default time: 0.5 seconds</p> | |

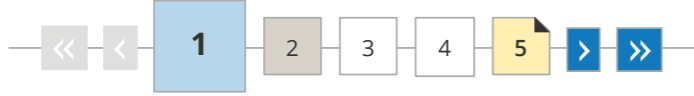
Tabs

Tabs make it easy to explore and switch between different views or functional aspects of an app or to browse categorized data sets.

Usage

A tab provides the affordance for displaying grouped content. A tab label succinctly describes the tab's associated grouping of content.

Pagination



1. Normal text

Open Sans Regular (not visited) / Semibold (active)
font size: 13px
font color: Medium Gray (inactive) or Rochester Gray (active)
text alignment: centered
vertically and horizontally inside box

2. Large text

font family: Open Sans Bold
font size: 18px
font color: Rochester Gray
text alignment: centered
vertically and horizontally inside box

3. Viewed / not marked step boxes

background color: WA Putty
width: 34px total including 1px border
height: 34px total including 1px border
border: 1px solid Light Gray

4. Active step box

font family: Open Sans Bold
font size: 18px
font color: Rochester Gray
color: Emphasis Blue 2
width: 54px total including 1px border
height: 54px total including 1px border
border: 1px solid Light Gray

5. Not viewed step boxes

font family: Open Sans Semibold
font size: 13px
font color: Rochester Gray
background color: White
width: 34px total including 1px border
height: 34px total including 1px border
border: 1px solid Light Gray

6. Marked step boxes

font family: Open Sans Semibold
font size: 13px
font color: Rochester Gray
background color: WA Yellow 2
fold color: Rochester Gray
fold size: right triangle 9px
length each right side
width: 34px total including 1px border
height: 34px total including 1px border
border: 1px solid Light Gray

7. Arrow boxes

background color: Emphasis Blue
double width: 26px total including 1px border
single width: 19px total including 1px border
height: 25px total including 1px border
border: 1px solid Light Gray

icon: right_carat_white.svg
width: 6px
height: 13px

8. Disabled arrow boxes

background color: Disabled Gray
double width: 26px total including 1px border
single width: 19px total including 1px border
height: 25px total including 1px border
border: 1px solid Disabled Gray

icon: right_carat_white.svg
width: 6px
height: 13px

9. Thin horizontal line

1px solid Light Gray
width: responsive with width of header/page

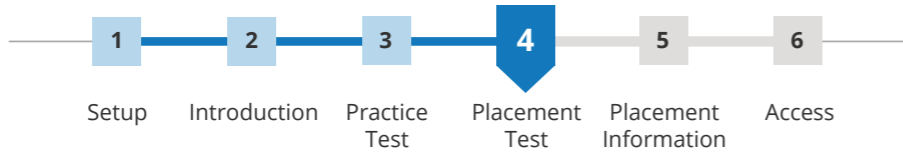
10. Overall placement:

all boxes centered vertically on thin horizontal line

11. Padding

10px space between each box
5 total step boxes minimum

Wizard Steps



1. Normal text

font family: Open Sans Regular (not visited) or Semibold (active)
font size: 13px
font color: Medium Gray (inactive) or Rochester Gray (active)
text alignment: centered horizontally with the corresponding box, 10px space between the bottom of the arrow and the top of the label text, all labels top aligned with each other

2. Large text

font family: Open Sans Bold
font size: 18px
font color: Rochester Gray
text alignment: centered horizontally with the corresponding box, 10px space between the bottom of the arrow and the top of the label text, all labels top aligned with each other

3. Inactive/completed step boxes

font family: Open Sans Bold
font size: 13px
font color: Rochester Gray
color: Emphasis Blue 2
width: 28px
height: 28px

4. Active step box

font family: Open Sans Bold
font size: 18px
font color: White
color: Emphasis Blue
width of box: 34px
height of box: 35px
height of arrow: 16px
placement: bottom of the box (not including the arrow) aligned with bottoms of other boxes, 50px between each box/step

5. Inactive/incomplete step box

font family: Open Sans Bold
font size: 13px
font color: Rochester Gray
color: Disabled Gray
width: 28px
height: 28px
placement: centered vertically on the progress bar

6. Thick horizontal progress bar

width: 50px between each box/step
height: 5px
color: Emphasis Blue for completed boxes, Disabled Gray for not completed boxes placement: centered vertically on the thin horizontal line

7. Thin horizontal line

1px solid Light Gray
width: responsive with width of header/page

8. Overall placement

box alignment: placement: centered vertically on the progress bar, 50px between each box/step
text alignment: centered vertically on the progress bar, horizontally within the box

5 total step boxes minimum

9. Padding

10px space between top of active step box and nearest neighbor/element as well as between bottom of label text and nearest neighbor/element

Button Bar



1. Small text

font family: Open Sans Bold
font size: 11px
font style: uppercase
font color: Rochester Gray
text alignment: centered vertically and horizontally
space between text and edge of button: 10px

2. Default State

background color: White
border: 1px solid Light Gray
minimum button width: 40px
total height: 20px

3. Pressed state

background color: Emphasis Blue 2 (default, may vary by project)
border: 1px solid Light Gray
minimum button width: 40px
total height: 20px

4. Disabled state

font family: Open Sans Regular
font color: Light Gray
background color: Light Gray
border: 1px solid Light Gray
minimum button width: 40px
total height: 20px

5. Thin horizontal line

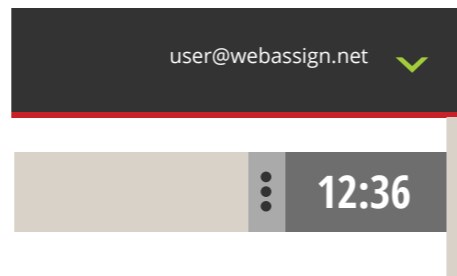
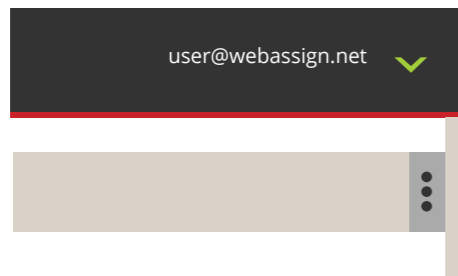
1px solid Light Gray
width: responsive with width of header/page

6. Padding

Space between buttons: 10px

Timers

Num dolore officilicta nonet a volum erunt vente sincti voluptius sequatist, quam, voluptatus etus. Ari con es que perum fugia volorem. Tus et quontis et rerum veruntis non rem et molut undit, quunt occus digenditatio consequi ventotatius min cum ut minimodit, cusandi optur, veliaspere voloreriam, nos invendanti siti veruptatia venti blaut illuptatibus debit, velia int quam facium



1. Title Text

font family: Open Sans Condensed Bold
font size: 26px
font color: White/Rochester Gray
text alignment: centered vertically and horizontally within box

2. Collapsed state

width: 21px (static, does not change)
height: 46px
background color: Light Gray
icon placement: centered vertically and horizontally within this box.
icon: more.svg

3. Expanded state

font color: White
background color: Medium Gray
width: varies, 20px space between text and left and right edges of box
height: 46px (same as putty bar)

4. Alert state

font color: Rochester Gray
width: varies
height: 46px (same as putty bar)
background color: WA Yellow
action: timer is 90% expired or 5 minutes remain, whichever comes first and icon box goes away

5. Overall placement

flushed right on putty bar, does not overlap vertical putty line

timer box may expand to the left to be larger/smaller as time counts down

PATTERNS

Design for Accessibility

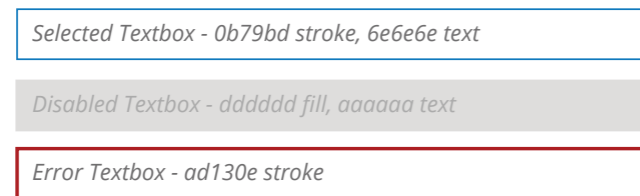
Accessibility is determined by a combination of factors. This Style Guide focuses on accessible design elements. It does not address coding elements such as ARIA tags and code structure, which should be captured in a front-end specification.

Color Contrast



- 1. AA level**
contrast 4.5:1 between text and background colors

Focus States



- | | | |
|--|--|--|
| <ol style="list-style-type: none">1. Focus
border: 2px solid Emphasis Blue
border should replace the gray border of the neutral state
border should be on the element only, not related items such as labels
individual elements may have individual specifications for focused state | <ol style="list-style-type: none">2. Disabled
background color: Disabled Gray
border: Disabled Gray
font family: Open Sans Regular
font color: Light Gray
individual elements may have individual specifications for disabled state | <ol style="list-style-type: none">3. Error state
border: 2px solid Fault Red
border should replace the gray border of the neutral state
border should be on the element only, not related items such as labels
individual elements may have individual specifications for focused state |
|--|--|--|

Touch Targets

- 1. Target size**
Using a 40px touch target size, including padding

Tab Order

- 1. Order**
Assume Left to Right, Top to Bottom order

Alt Tags / Tool Tips

Tooltips are labels that appear on hover and focus when the user hovers over an element with the cursor, focuses on an element using a keyboard (usually through the tab key), or upon touch (without releasing) in a touch UI. They contain textual identification for the element in question. They may also contain brief helper text regarding the function of the element. The label itself cannot receive input focus.

Usage

Use tooltips for interactive imagery.

The screenshot shows the WebAssign interface for a student named Franklin, Robert in the course MTH 101, Section B. The top navigation bar includes the WebAssign logo and the user's email address. Below this, the course name and student name are displayed. The main content area is divided into several sections:

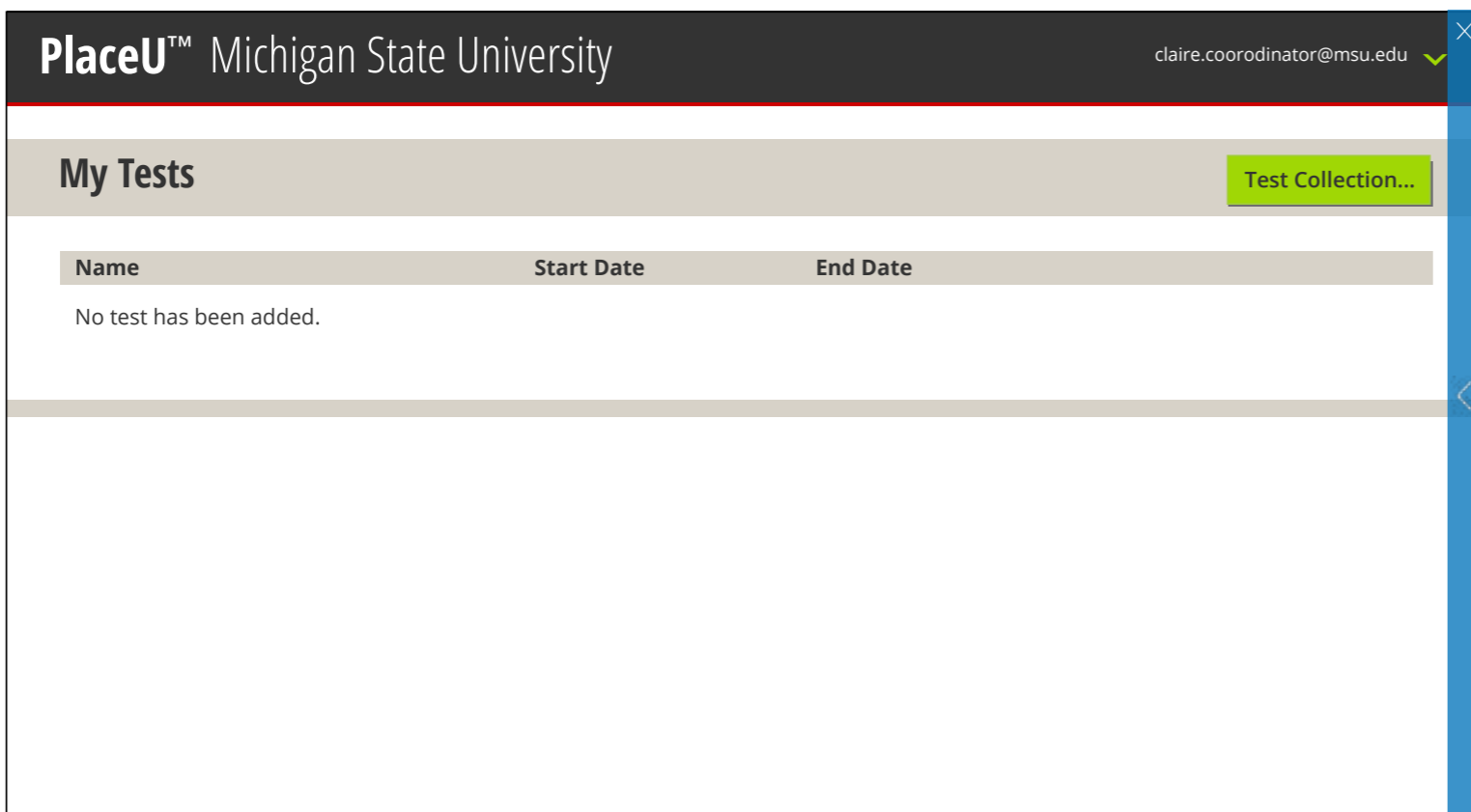
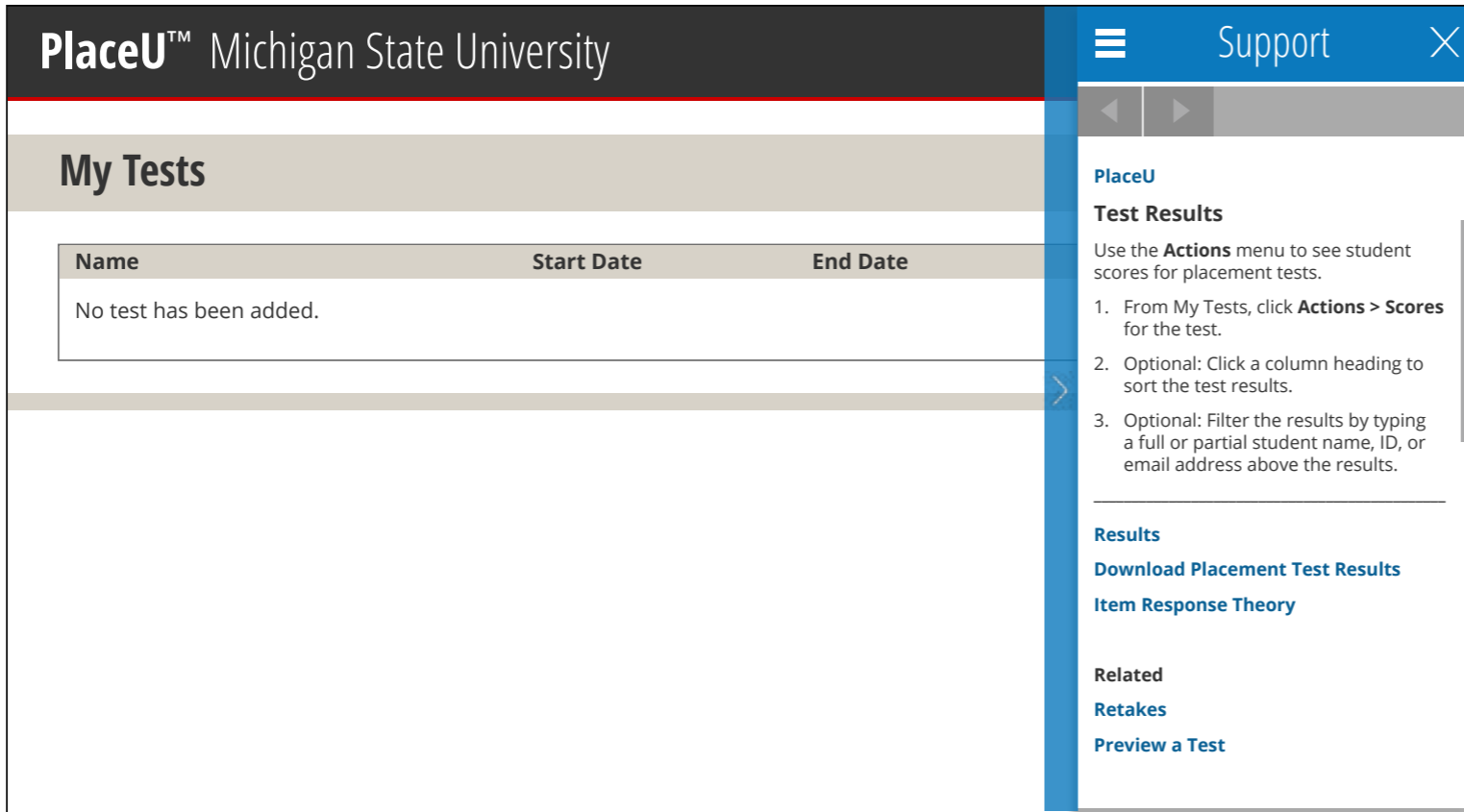
- Performance Summary:** Shows the student's email, last login (05/13/15), last submission (04/26/15), and overall performance (Total points: 68% (135/200), Total points on 1st attempt: 93% (125/135)).
- Latest Status for Assigned Topics:** A table showing the student's status for various topics. The table has columns for Status, Question, Assignment, and Performance. The 'Needs Practice' status is highlighted with a yellow tooltip that reads: "Needs Practice: These questions were not answered correctly or took more than two attempts." The 'Never Attempted' status is highlighted with a yellow tooltip that reads: "Never Attempted: For these questions, at least one part was never attempted. Some questions might not have been included in the student's version of the assignment, but are listed here for practice." The 'Correct on 2nd Attempt' status is highlighted with a yellow tooltip that reads: "Correct on 2nd Attempt: For these questions, at least one part required two attempts to answer correctly." The 'Correct on 1st Attempt' status is highlighted with a yellow tooltip that reads: "Correct on 1st Attempt: For these questions, every part was answered correctly on the first attempt."
- Question and Assignment List:** A list of questions and assignments with their respective scores and 'PRACTICE' buttons. The questions listed are SwokPreCalc12 6.2.011, SwokPreCalc12 6.2.014, and SwokPreCalc12 6.2.019. The assignments listed are Homework Chapter 10 and WebQuiz 10.
- Topic Performance Summary:** A list of topics with their respective scores and 'PRACTICE' buttons. The topics listed are 7.1: The Law of Sines (100% (12/12)) and 6.6: The Inverse Trigonometric Functions (33% (9/27)).

- 1. Label text**
font family: Open Sans
font size: 15px
color: Rochester Gray
line height: 120%
- 2. Default**
background color: WA Yellow 2
width: varies
height: varies
- 3. Click and tap interactions**
on click or tap: display visual feedback and begin exposing hidden content within 0.1 seconds
- keep displaying the exposed content until the user clicks or taps outside of the exposed content area.
- 4. Hover interactions**
Mouse cursor enters target area: display visual feedback within 0.1 seconds
- wait 0.3–0.5 seconds.

if cursor remains stopped within target area: display corresponding hidden content within 0.1 seconds
- Keep displaying the exposed content element until the cursor has left the triggering target area or the exposed content for longer than 0.5 seconds

Embedded User Assistance

Num dolore officilicta nonet a volum erunt vente sincti voluptius sequatist, quam, voluptatus etus. Ari con es que perum fugia volorem. Tus et quantis et rerum veruntis non rem et molut undit, quunt occus digenditatio consequi ventotatius min cum ut minimodit, cusandi optur, veliaspere voloreriam, nos invendanti siti veruptatia venti blaut illuptatibus debit, velia int quam facium

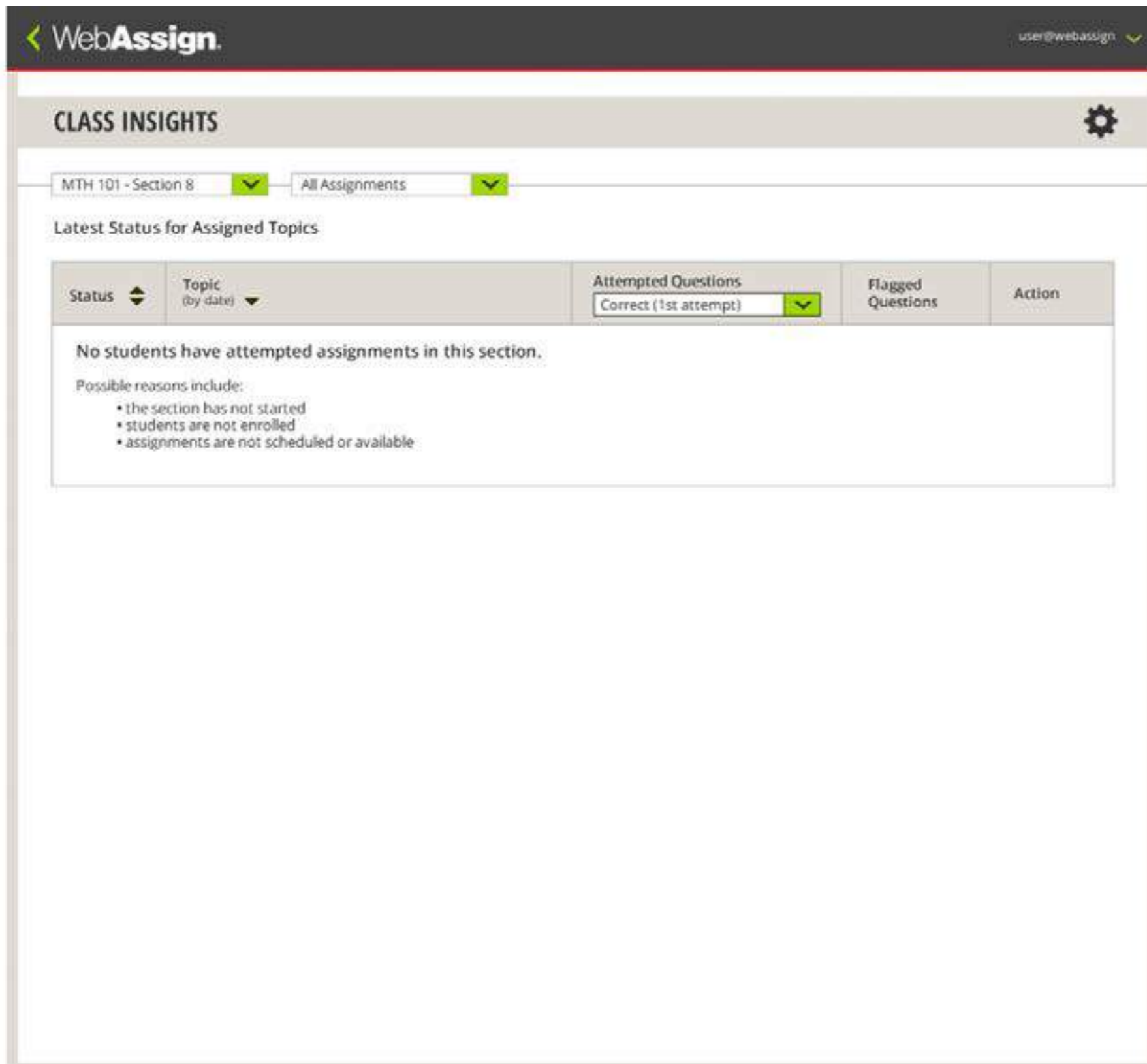


- 1. Large title text**
font family: Open Sans Condensed Lt
font size: 32px
font style: title case
font color: White
text alignment: centered vertically and horizontally
- 2. Large text**
font family: Open Sans Bold
font size: 18px
font style: title case
font color: Rochester Gray
text alignment: left aligned
space between text and edge of box: 10px
- 3. Label text**
font family: Open Sans Regular/Bold
font size: 15px
font style: sentence case
font color: Rochester Gray
text alignment: left aligned
space between text and edge of box: 10px
- 4. UA panel**
header color: Emphasis Blue
header height: 46px
navigation color: Light Gray
navigation height: 30px
background color: white
total panel width: 260px including 20px collapse panel
- 5. Expand/collapse panel**
background color: Emphasis Blue 80%
width: 20px
- 6. Icons**
color: White
height: 18px
- 7. Navigation arrows**
color: Light Gray
background color: Medium Gray 80%
height: 10px
- 8. Scroll**
color: Light Gray
width: 6px
height: 133px
alignment: 2px from right edge
- 9. Padding**
Space between topics: 10px
unless selected then 30px

Empty States

Empty states occur when the regular content of a view can't be shown. It might be a list which has no items, or a search which returned no results. Although these states aren't typical, they are important opportunities for good design to avoid user disappointment or confusion.

If content cannot be displayed because of a system failure, see errors.



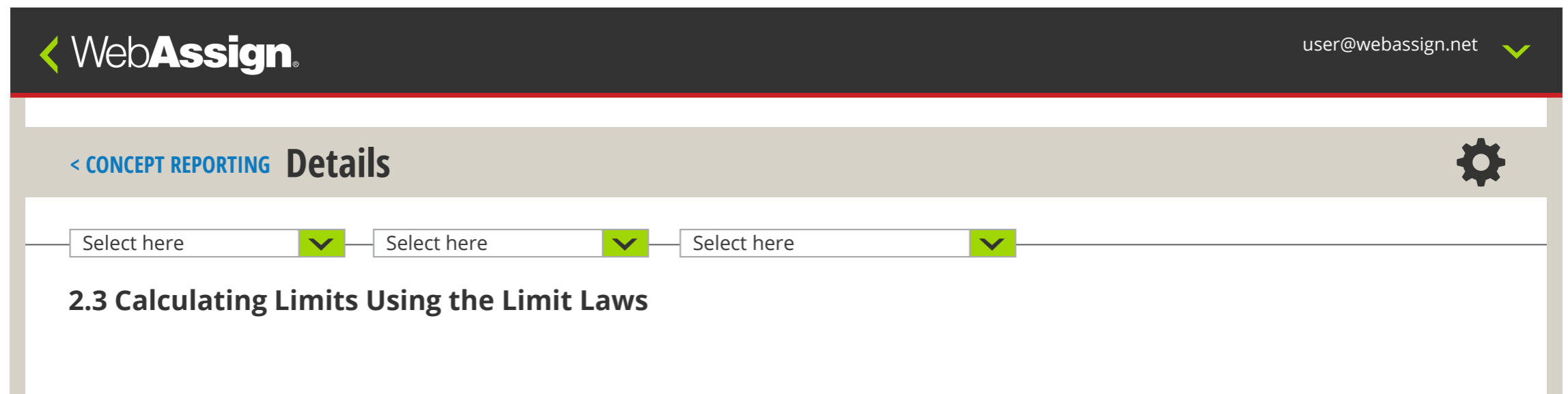
1. **Normal text - headline**
font family: Open Sans Semibold
font size: 13px
font color: Rochester Gray
text alignment: left

2. **Normal text - subhead**
font family: Open Sans Italic
font size: 13px
font color: Rochester Gray
text alignment: left

3. **Normal text - message**
font family: Open Sans Regular
font size: 13px
font color: Rochester Gray
text alignment: left

Layout

Num dolore officilicta nonet a volum erunt vente sincti voluptius sequatist, quam, voluptatus etus. Ari con es que perum fugia volorem. Tus et quuntis et rerum veruntis non rem et molut undit, quunt occus digenditatio consequi ventotatius min cum ut minimodit, cusandi optur, veliaspere voloreriam, nos invendanti siti veruptatia venti blaut illuptatibus debit, velia int quam facium



2.3 Calculating Limits Using the Limit Laws

1. Large text -topic name
font family: Open Sans Bold
font size: 18px
font color: Rochester Gray

Normal text
font family: Open Sans Regular/Italic
font size: 13px
color: Rochester Gray
text alignment: left alignment

2. Label text- breadcrumb
font family: Open Sans Condensed Bold
font size: 15px
font color: Emphasis blue
alignment: centered vertically
space from edge: 10px

3. Page container
maximum width: 1024px
margin: 0px

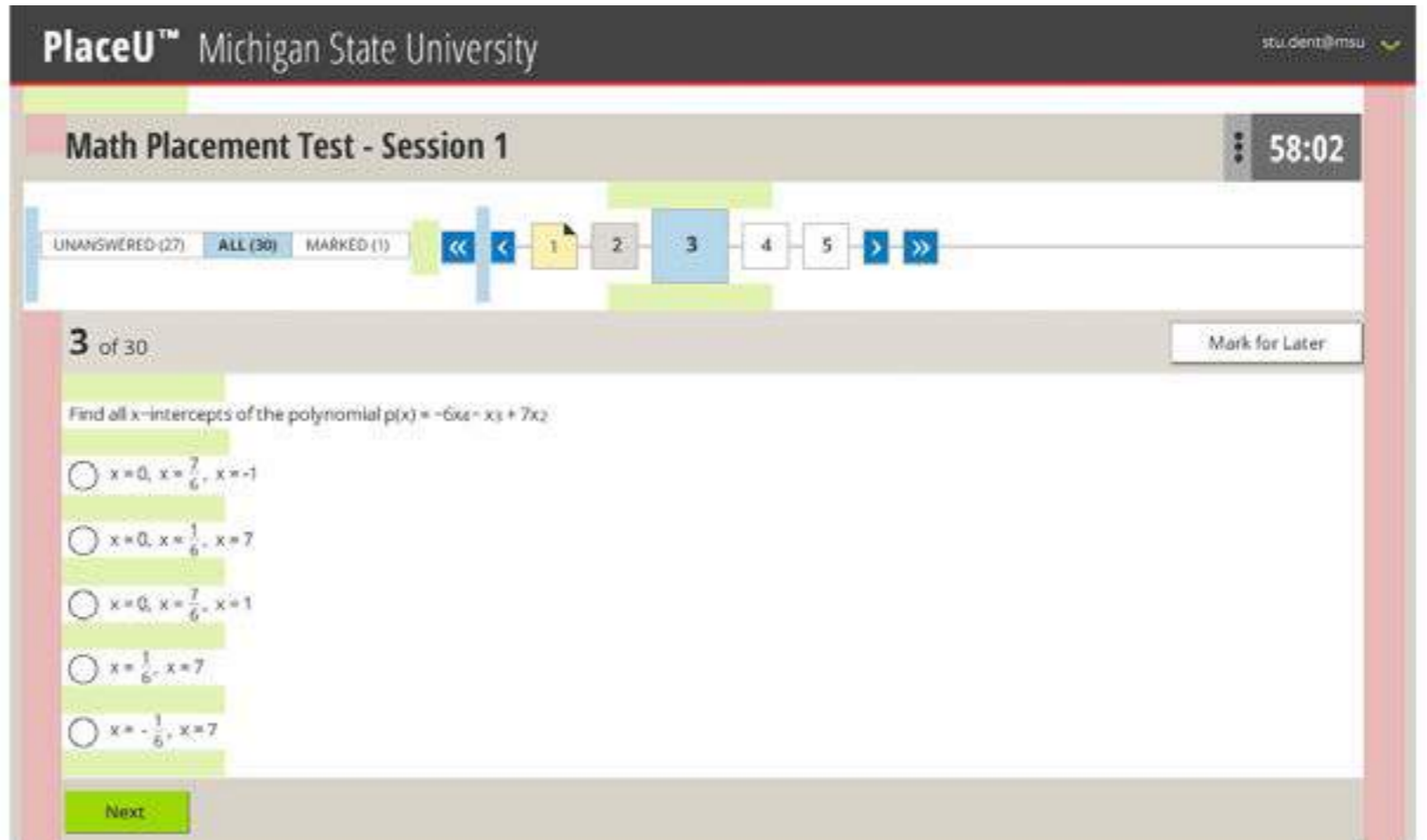
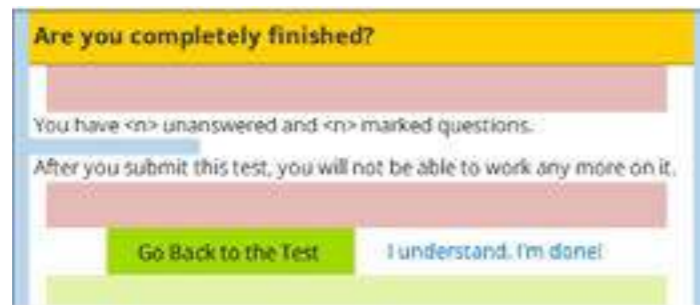
4. Main content
If screen width 1024px or greater
left border: 10px solid WA_Putty
right border: 10px solid WA_Putty
padding: 20px
maximum width: 1024px
margin: auto
float: none

Else
border: none
padding: none
margin: none

5. Masthead
width: 100%
height: 56px
color: Rochester Gray
bottom border: 3px solid WA Red

6. Page header
height: 46px
font family: Open Sans Condensed Bold
font-size: 24px
line height: 120%
color: Rochester Gray

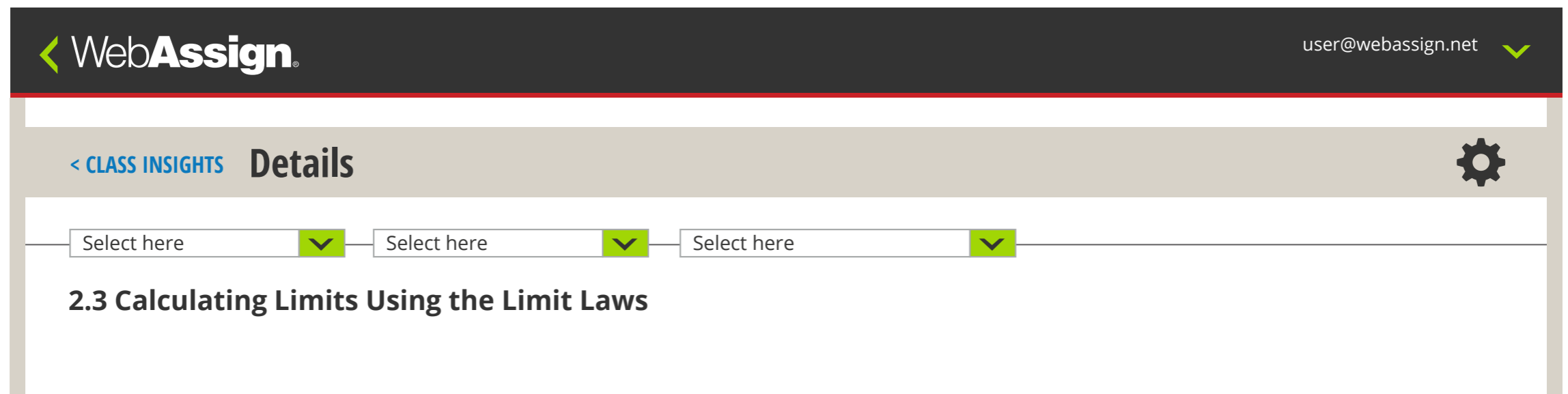
Padding



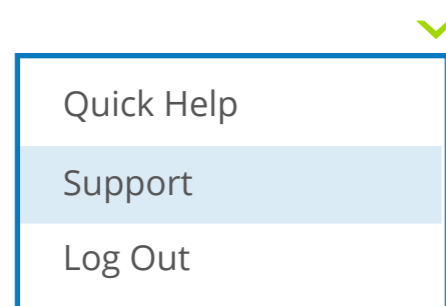
1. Color code
Blue = 10px
Green = 20px
Pink = 30px
Purple = 70px

Navigation

Num dolore officilicta nonet a volum erunt vente sincti voluptius sequatist, quam, voluptatus etus. Ari con es que perum fugia volorem. Tus et quantis et rerum veruntis non rem et molut undit, quunt occus digenditatio consequi ventotatus min cum ut minimodit, cusandi optur, veliaspere voloreriam, nos invendanti siti veruptatia venti blaut illuptatibus debit, velia int quam facium



2.3 Calculating Limits Using the Limit Laws



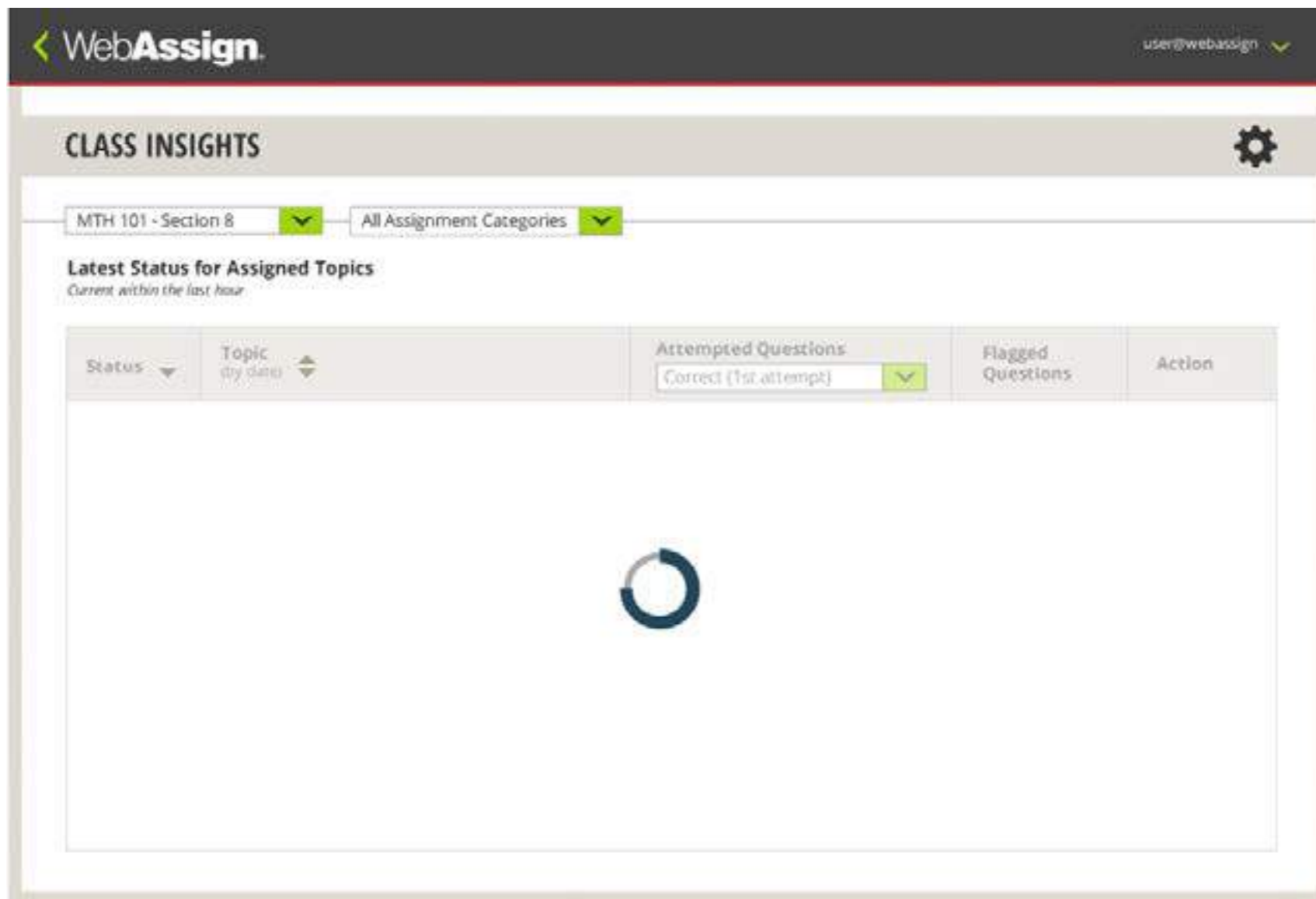
- 1. Normal text - user dropdown**
font family: Open Sans
font size: 13px
font color: White
action: reveal options
- 2. Label text- breadcrumb**
font family: Open Sans
Condensed Bold
font size: 15px
font color: Emphasis blue
alignment: centered vertically
space from edge: 10px

- 3. WA_logo_white.svg**
width: 150px
margins: 10px
left_carat_green.svg
width: 11px
action: return user to WA1 page they came from
- 4. Settings_icon.svg**
width: 30px
height: 30px
action: displays the settings modal

- 5. Hamburger_icon_333.svg**
width: 30px
height: 30px
- 6. Rollover**
font family: Open Sans
font size: 13px
line height: 270%
font color: Rochester Gray
background color: White
width: varies by content
height: 60px (20px per item) total
including 1px border
border: 1px solid Emphasis Blue

Progress/Activity

Minimize visual changes that occur while your app loads content by representing each operation with a single activity indicator. For example, a refresh operation should display either a refresh bar or an activity circle, but not both.



- 1. Large text**
font family: Open Sans Bold
font size: 18px
font color: Rochester Gray
text alignment: centered on viewport horizontally, 20px padding between text and spinner

- 2. Gray thin circle**
overall diameter: 55px
color: Light Gray
width: 5px
- 3. Blue thick circle**
overall diameter: 60px
color: WA Gonzo Blue
width: 10px

- 4. Overall placement -spinner**
centered on viewport horizontally and vertically
- 5. White overlay**
overall size: fills container that is being loaded
color: 80% White

- 6. Animation**
start: gray thin circle only
action: blue thick circle grows in a clockwise motion until it is a 100% circle
time: duration should be 1 sec per revolution

Responsive

Angular Material Grid System Layout (Technology Choice) material.angularjs.org/latest/#layout/grid

Flex order values are 600-959 px wide, 960-1199 px wide, 1200+ px wide

NOTE: Not optimized for < 600px wide. Devices below 600 will see the 600px content, but will need to scroll over to see everything.



(all are 80% transparency)

- 1. Flex order values**
600-959px wide
960-1199px wide
1200+ px wide
- 2. 600-959px wide**
Primary rules:
 - no putty sides
 - putty headers are right under WA header (no 20px gap)
 - tables are wall to wall (no box - only row lines)
 - limit use of 30px padding (primarily to separate different concepts)
- 3. 960-1199px wide**
Primary rules:
 - Use full white space padding, putty sides, table borders
 - tables should start at 880px wide and have their own grid
- 4. 1200+ px wide**
Primary rules:
 - 1200 is the maximum width
 - screen wider than 1200 will show the 1200 width content centered with white space on either side

Example Grid Layout

last.first@university.edu		Performance	
Last login: 05/13/15 Last submission: 04/26/15		Total points: 68% (135/200) 40% Total points on 1st attempt: 93% (125/135)	
Latest Status for Assigned Topics		100%	
Current within the last hour		All Assignment Categories	
Status	Topic (sort by recent)	Correct on 1st Attempt (points)	
⚠	6.2: Trigonometric Equations 3 questions on Final Exam Spring 2015 50%	78% (18/23) 30%	⬆
	Needs Practice (12) Never Attempted (3) Correct on 2nd Attempt (0) Correct on 1st Attempt (8)		
	Question	Assignment	
	SwokPreCalc12 6.2.011.	Final Exam Spring 2015	PRACTICE
	SwokPreCalc12 30%	Homework Ch. 6.2	PRACTICE 20%
	SwokPreCalc12 6.2.019.	WebQuiz 10	PRACTICE
10%			10%
✓	7.1: The Law of Sines 3 questions on WebQuiz 11	100% (12/12)	⬇
⚠	6.6: The Inverse Trigonometric Functions 2 questions on WebQuiz 11	33% (9/27)	⬇
	50%	30%	
⚠	6.4: Multiple-Angle Formulas 1 question on Practice Final Exam Spring 2015	40% (8/20)	⬇