WCAG changes for 2.21

WCAG Level AA Compliance

WCAG Level AA: Orientation is Not Restricted When Possible [1.3.4]

Verified system; no system wide changes implemented for this task. For this task, we have added a responsive menu which will be shown when screen width become less than 768 pixels.

WCAG Level AA: Contrast Ratio Minimum [1.4.3]

Made changes into the system for this task. Changes have been made in colors for text and background.

Details can be found on the WCAG Color Contrast document.

WCAG Level AA: Resize Text [1.4.4]

Verified system; no changes implemented.

WCAG Level AA: Images of Text [1.4.5]

Verified system; updated "img" to "div" on training page.

WCAG Level AA: Non-Text Contrast [1.4.11]

Verified system; no changes implemented.

WCAG Level AA: Text Spacing [1.4.12]

Verified system; no changes implemented.

WCAG Level AA: Content on Hover or Focus [1.4.13]

Changes implemented for this requirement-

- Modified some text, for example - "1 Page" to" Page 1".
- Added "title" attributes for some fields.

WCAG Level AA: Headings and Labels [2.4.6]

Changes implemented for this requirement-

- Changed text for heading/label. Modified various text according to TFS 22569.
- Fixed quote page by Removing nested "label" tags by converting outer "label" tag to "div".

WCAG Level AA: Consistent Identification [3.2.4]

Implemented changes related primarily to icons.

- Made changes so that same icon used for same purpose. For example – same search icon used for every search (Replaced "find.png" image with "Search.png" image).
- Some icons changed to font awesome icons.

WCAG Level AA: Status Messages [4.1.3]

Systemwide changes implemented for this requirement-

- Added 'tabindex' to element which need to narrate.
- Several pages contain search feature. For announcement of search result, we have made the following changes –
  o Added a new 'div' with 'role=status' on main page.
  o Update this new 'div' on search function so that narrator can announce the result.
- When toast message displays, focus should be set to toast so that narrator can read it, for this
  o Added role="alert".
  o Added 'id' to toast div & set focus on toast.
- Added role="Presentation" in table tag so that narrator will read content only.
- Added role="menubar" in menu bar to read out navigation properly.
- Added role="alertdialog" in div 'popup_container' for JConfirm dialog so that narrator can read content of dialog.
- On Message center page, update "aria-label" attribute on collapse/expand so that narrator can read correct state.

Keyboard accessibility

To achieve keyboard accessibility, we have implemented multiple changes throughout the system. There were multiple 'div', 'span', 'img' tags with 'onclick' method exists in the system. ENTER key did not previously work on these tags. To support full keyboard accessibility, we have made the following changes throughout the system -

- Set 'tabindex' attribute so that element receives proper focus.
- Convert 'div' tag to 'a' (anchor) tag.
- Added href='#'/href='javascript:void(0)' to 'a' tags so that it processes with ENTER key.

- Wrap 'img' tag in 'a' (anchor) tag and shift 'onclick' from 'img' to 'a' tag.
- Convert 'span' in 'a' (anchor) tag.
- Convert 'Em' tag in 'a' (anchor) tag.
- Convert 'div' tag to 'button' tag.
- Convert 'i' tag to 'a' (anchor) tag.
- Added keypress event for ENTER where applicable.

General changes

- Added 'id' attribute for some elements wherever required.
- Added focus style for these buttons in default (site.css) as well in client's css –
  - blueButton
  - blackButton
  - Continue (imgNext) button
- Added generalize "outline:auto" style for these button in site.css –
  - Buttons in JConfirm/JAlert/JPrompt dialog.
  - Buttons in JQuery's dialog.
- Change 'keypress' event to 'keydown' in JQuery.Alert.min.js so that ESCAPE key will work on JConfirm/JAlert/JPrompt dialog.
- Added generalize "outline:auto" style for element to show focus.
- 'Custom Action' button rendering on form side has been changed from 'span' to 'a' tag so ENTER key can be used.
- Added a responsive menu which will be shown when screen size become less than 768 pixels. This has been completed for all menu bars.
- UI formatting for custom list dialog (Wizard side).