Citizen Engagement (CE) Enhancements

Cúram 8.1.3 (CE v7.4.0) Enablement Material

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Agenda

1. CE Accessibility Defect Fixes
2. IEG Accessible Server-side Validations

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CE Accessibility Defect Fixes

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CE Accessibility Defect Fixes

57 accessibility fixes have been rolled out across 23 WCAG 2.1 Criteria* since June 2024

1.1.1 Text Alternatives - Non-Text Content (1)
1.3.1 Adaptable - Info and Relationships (17)
1.3.2 Adaptable - Meaningful Sequence (1)
1.3.3 Adaptable - Sensory Characteristics (2)
1.4.1 Distinguishable – Use of Color (1)
1.4.4 Distinguishable – Resize Text (1)
1.4.11 Distinguishable - Non-Text Contrast (3)
1.4.12 Distinguishable – Text Spacing (1)
2.1.1 Keyboard Accessible - Keyboard (4)
2.4.1 Navigable - Bypass Blocks (3)
2.4.3 Navigable - Focus Order (1)
2.4.4 Navigable - Link Purpose (In context) (3)
2.4.6 Navigable - Headings and Labels (2)
2.4.7 Navigable - Focus Visible (3)
3.1 Readability (1)
3.1.2 Readable - Language of Parts (3)
3.2.2 Predictable - On Input (1)
3.3.1 Input Assistance - Error Identification (1)
3.3.2 Input Assistance – Labels or Instructions (2)
3.3.3 Input Assistance - Error Suggestion (1)
4.1.2 Compatible - name, role, value (6)
4.1.1 Compatible - parsing (6)
4.1.3 Compatible - Status Messages (2)

Details of the fixes are provided in the release notes contained within the CE guides

*****_Some fixes cross multiple criteria so number in brackets doesn't reflect number of defects addressed_

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IEG Accessible Server-side Validations

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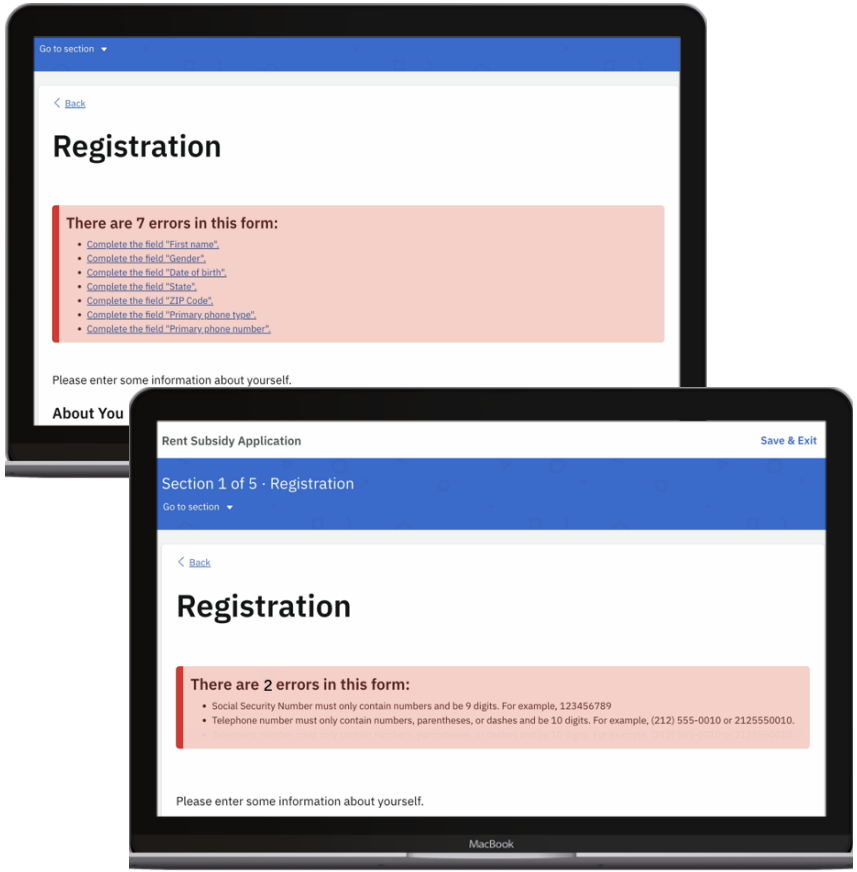
IEG Accessible Server-side Validations

Business Problem:

If a Citizen **makes mistakes** when filling out an online application, they **do not receive consistent notifications** about these mistakes. Errors are not displayed all at once, and not all errors are clearly associated (linked) with the relevant fields.



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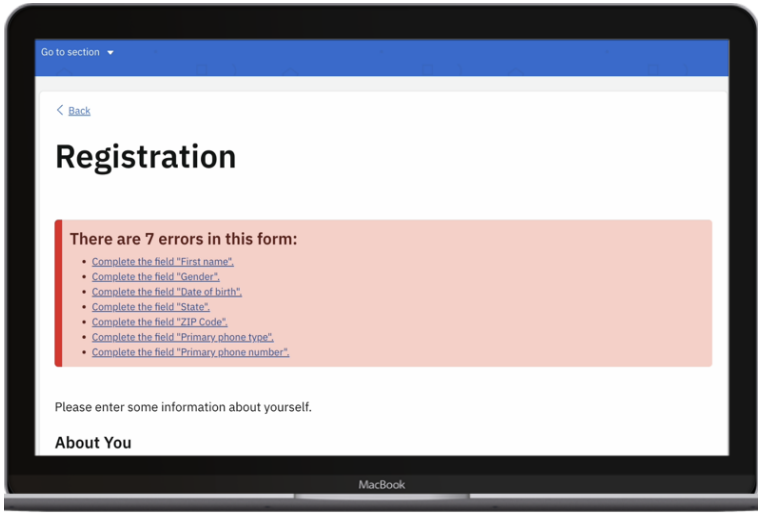
Before CE v7.4.0

There were 2 phases of validation in IEG forms both triggered by continue or submit.

1. Client-side
Validations done on the front end. Displayed at the top of the page in the error section, with a link to the field with the error, and the message repeated inline beneath the field. They were displayed first.

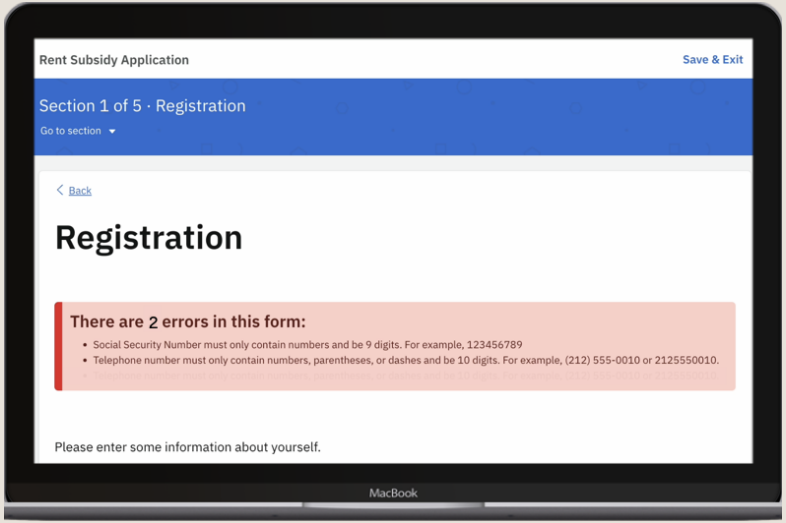
Examples are typically mandatory field validations.



2. Server-side
Validations where a call is made to the backend to check information. Displayed once client-side validations were corrected.

- No link to field
- Field not highlighted
- No inline message

Examples are where a person's date of birth can't be in the future, or where an SSN/SIN needs to have a certain number of characters.



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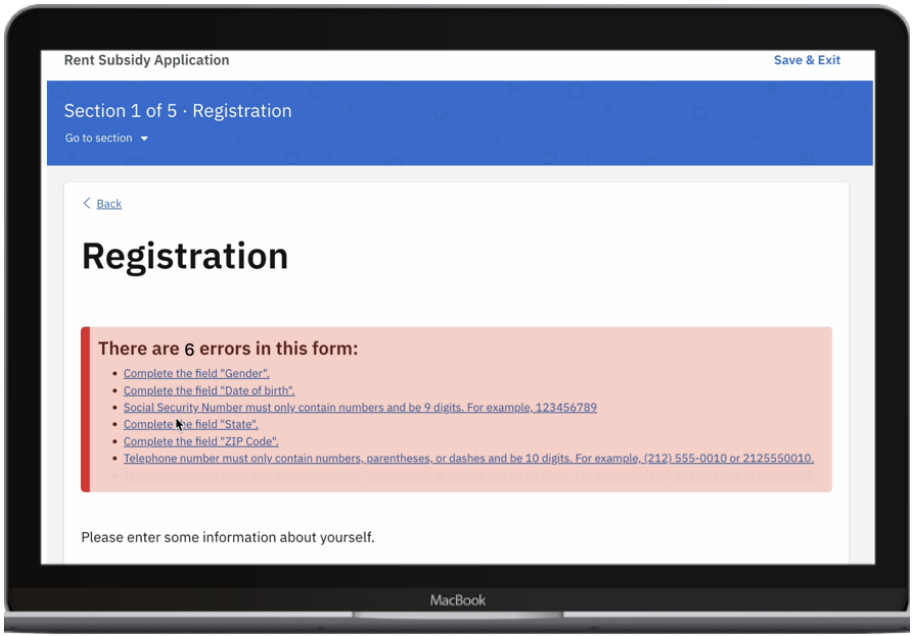
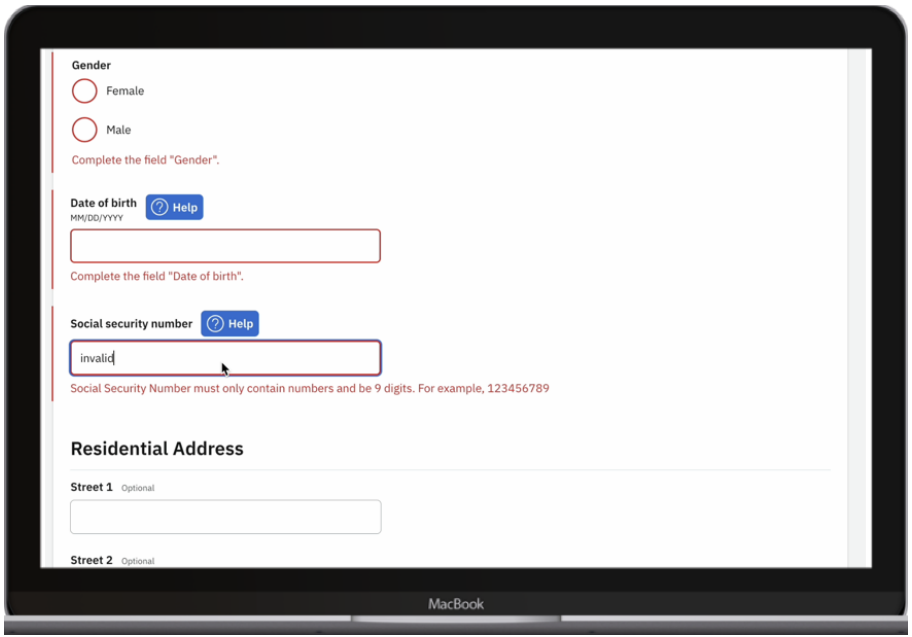
In CE v7.4.0

Now both client-side and server-side error messages are displayed at the same time.

All error messages link to the field where the error occurred



The field with the error is highlighted, and the error is repeated inline



Technical Considerations

What is provided?

webApp setting:

REACT_APP_ACCESSIBLE_SERVER_SIDE_VALIDATIONS_ENABLED

The setting is contained within the file:

.../packages/universal-access-sample-app/.env (which contains all webApp settings).

Applies to the CE IEG player only

What do you need to do?

The setting is **false** by default. To avail of accessible server-side validations it must be set to true.

When set to false, error messages resulting from a server-side validation will be displayed once all client-side errors have been corrected. The error message will be displayed at the top of the page only with no link to the field where the error occurred.

When set to true, all error messages are displayed at the same time. All messages have a link to the field where the error occurred. The field with the error is highlighted to the user and the error message is repeated inline.

Note - To enable accessible server-side validations CE v7.4.0 and Cúram 8.1.3 or later is required.

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