

View Information about a Selected Area of a Web Page

Summary

The user wishes to select an area of a web page to view how the author achieved certain effects. The user highlights the area they are interested in and asks the system to display information about that section of the web page. The system then shows the user a high level abstraction of the selected area.

Pre-Condition

User must have the web-browser open with the web page loaded.

Triggers

The use case is initiated by a user selecting an area of a web page and activating our system on the selected area.

Course of Events

1. User selects area of web page.
2. User right clicks highlighted area and a menu appears.
3. User selects "View Info about Selected Area".
4. System analyzes data and lets user know it is working.
5. System displays the results of the analysis to the user in a separate screen or in a bubble.

Post Condition

The system displays the highest level abstraction of the author's work for the area the user has selected.

Issues Raised

1. User tries to run the view selection information without selecting an area.
2. User tries to view and area of a blank web page.
3. User tries to view selected area information about a non-html page.

Author and Date

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09-06-2005

View Information about the whole Web Page

Summary

The user wishes to view information about the effects and structure of a whole web page. The user will choose an option from the browser to view structure of the whole page. The system then shows the user a high level abstraction of the web page.

Pre-Condition

User must have the web-browser open with the web page loaded.

Triggers

The use case is initiated by a user selecting the option to view the structure of the whole page.

Course of Events

1. User selects option to view structure of the whole web page from the Edit Menu.
2. System analyzes data and lets user know it is working.
3. System displays the results of the analysis to the user in a separate screen.

Alternate Path

1. User right clicks on the web page.
2. User selects option to view structure of the whole web page.
3. System analyzes data and lets user know it is working.
4. System displays the results of the analysis to the user in a separate screen.

Post Condition

The system displays the structure of the web page in a separate screen with highest level abstractions being viewed.

Issues Raised

1. User tries to view information about a blank web page.
2. User tries to view information about a non-html page such as ftp site for example.

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Zooming In to a Lower Level Abstraction

Summary

The user wishes to zoom in to a lower level abstraction of the data presented by the system. This will allow the user to get a better idea of the structure of the web page and how the author achieved certain effects.

Pre-Condition

User must have initiated a query on a page or selected area. The results screen of the query must be open. System must not be in the lowest possible level of abstraction.

Triggers

The use case is initiated by a user selecting the option to zoom in to a lower level abstraction.

Course of Events

1. User selects "Zoom In".
2. System analyzes data and lets user know it is working.
3. System displays the lower level abstraction in the same window.

Post Condition

The system displays a lower level abstraction of the web page or selected area. The level of abstraction can not go lower than the html code being presented.

Issues Raised

1. User tries to zoom in to a lower level then the html code.

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09-06-2005

Zooming Out to a Higher Level Abstraction

Summary

The user wishes to zoom out to a higher level abstraction of the data presented by the system. This will allow the user to get a high level understanding of the structure of a web page or selected area.

Pre-Condition

User must have initiated a query on a page or selected area. The results screen of the query must be open. The system must not already be in the highest level of abstraction.

Triggers

The use case is initiated by a user selecting the option to zoom out to a higher level abstraction.

Course of Events

4. User selects "Zoom Out".
5. System analyzes data and lets user know it is working.
6. System displays the higher level abstraction in the same window.

Post Condition

The system displays a higher level abstraction of the web page or selected area.

Issues Raised

1. User tries to zoom out above the highest level of abstraction.

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09-06-2005