Ken Scanlon

CPSC – 2713

M2 Project

Proposed Classes for Internet Browser

Class Tab {

Properties

Address bar

Go button

Display area

Stop and Refresh buttons

Add to bookmarks button

Display area

Navigation buttons

Methods

Add new tab – This method will open a new separate tab in the browser

Close – This method will close the current tab

Reorder tabs – This method will allow the user to drag and drop the tabs into the desired layout

Go – This method will take the user the input URL when the Go button is pressed

Stop – This method will stop a page from loading when the Stop button is pressed

Refresh – This method will refresh the current page

Forward and Backward – This will load either the previous page or the next page when the user pressed the navigation buttons.

}

Class Menu Bar {

Properties

Print page button

Exit button

Manage bookmark button

Manage history button

Save current page button

Open new tab button

Methods

Print – This method will print the current page

Exit – This method will exit the user from the browser

Save – This method will save the current page

Add new tab – Same as the method in Class Tab

Manage bookmark – Opens in a new popup window the menu covered by Class Bookmark

Manage history – Opens in a new popup window the menu covered by Class History

}

Class History {

Properties

Title of pages visited

URL of pages visited

Date and time of pages visited

Methods

Search pages visited – this method will allow the user to search for pages previously visited through either their title, URL, or date and time.

Clear history – this method will clear the history of the browser

}

Class Bookmark {

Properties

Bookmarks

Folders

Methods

View bookmarks – This method will allow the user to view all the saved bookmarks

Delete bookmarks – This method will allow the user to delete any bookmark

Create, delete, rename folder – This method will allow the user to edit the folder tree of bookmarks

Move items between folders – This method will allow the user to move bookmarks between different folders

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