

Instructions:

For this phase of the course project, you will be adding functionality to your web browser in addition to modifying some of the existing GUI elements.

- **In your custom browser tab control:**

- Add a StatusStrip control, and dock it to the bottom of your custom control. Your StatusStrip will contain the following:
 - Add a ProgressBar control that will display the loading progress each time you navigate to a page. (Hint: look into the WebBrowser control's events and find what you can utilize from there)
 - A StatusLabel that will display the word "loading" while the page is loading, and the word "done" when the page has finished loading.
 - BONUS: add another StatusLabel control that will display the URL of any link you hover over in the WebBrowser control.

- **In your "History Manager Form" form:**

- Implement search functionality:
 - Add a "search term" TextBox control and a "Search" Button
 - When the user enters a phrase in the TextBox and clicks the Search Button, filter the list to show only the history items that contain the keyword(s) the user is searching for.
- Implement delete functionality:
 - Add a "Delete" Button to your form.
 - When a user selects an item in the list, and clicks on the Delete Button, the item will be deleted from the database and the list will be refreshed.
- Implement clear history functionality:
 - Add a "Clear History" Button to your form
 - When the user clicks on this button, the system will delete all history items from the database table and will refresh the list.

- **In your "Bookmark Manager Form" form:**

- Implement search functionality:
 - Add a "search term" TextBox control and a "Search" Button
 - When the user enters a phrase in the TextBox and clicks the Search Button, filter the list to show only the bookmark items that contain the keyword(s) the user is searching for.
- Implement delete functionality:
 - Add a "Delete" Button to your form.

- When a user selects an item in the list, and clicks on the Delete Button, the item will be deleted from the database and the list will be refreshed.
- **In your main form:**
 - In your MenuStrip control, implement the following functionality for the following menu items:
 - Tools -> Clear History
 - When selected, the system will delete all history items from the database table.
 - BONUS: Implement “Add Tab” and “Close Tab” buttons. This feature exists in most modern web browsers, and allows a user to add a new tab by clicking on a [+] button at the end of the tab list, and to close the current tab by clicking on the [x] button on that tab.
- **Publish your application:**
 - Publish your application using ClickOnce technology. Follow the steps demonstrated in the packaging and deployment video, and make sure that you include a link to your database in the project you publish.
 - After installing the published version of your application, it should be a working copy of your application, and support any database related operations.

Make sure all work is regularly committed in Git, preferably after each point of the assignment.

Requirements:

- Submit a single zip file containing your **solution folder** using the following format:
username_module6project.zip
- **Make sure your zip file contains the contents of the publish folder after publishing the final version of your application.**
- Make sure your zip file contains the entire Git repository.
- Upload your zip file to Canvas and submit.