CNMT 310 Final Project: Class Registration
Points: 25, with additional points earned through checkpoints.
Final Deliverables Date Due: Monday May 8, 2023 11:59PM Central

This is a group project. You should work with your group (and only your group) to complete this project. No collaboration outside of your group is allowed.

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You would like to create a web application that enables users to track their bookmarks and turn their browsing history into bookmarks, sorted by the number of visits but also through popularity (sharing data with other users for their popular links).

You will be responsible for the first phase of this project, enabling users to login and manually add their own bookmarks, using those bookmarks, and recording the number of visits each time the user clicks on a given link on their site.

The application will have a single role, user. You do not need to implement any administrative/management functions or roles. RESTful web services will be made available for all data-related services including authentication/authorization but your team may need to create web services for other areas which will be determined in a later sprint. A portion of the grade for this project is user experience/user interface and there should be effort placed into designing the UI and UX. A test plan should be created and executed as part of this project.

Suggested Sprint Goals:
Sprint 1: UI/UX & Authentication
Sprint 2: Adding and deleting bookmarks
Sprint 3: Tracking visits per link

All HTML or output to the browser must be valid and created using the Page class as a base class (you may use subclasses). No JavaScript or CSS can be added inline or within the HTML and must instead be stored in external files. In the spirit of Agile development, requirements are subject to change from sprint to sprint and will be discussed in class as needed.