Application Requirements

Build a registration form that meets the following minimum requirements:

1. Takes First Name, Last Name, Sex, Age, State, Email Address, Username, and Password as form fields.
2. Use an HTTP POST to a controller.
3. Perform form validation on the server side.
4. Save the form fields in a SQL Server relational database.
5. Forward the results of the form submit to a success or error page.

Build a login form that meets the following minimum requirements:

1. Takes Username and Password as form fields.
2. Uses the SQL Server database for authentication.
3. Forward the results of the form submit to a success or error page.

Scrum Planning

In each milestone for this course, the team will look ahead at the requirements for the coming milestone and conduct the following tasks.

Write User Stories to describe the functionality being developed in this sprint.

Create a list of tasks and assign each of them to a team member.

Hold daily scrum with your team members where each team member:

1. Updates the task progress and the burndown chart.
2. Answers three questions: a) "What have I done since yesterday?" b) "What will I do today?" c) "What prevents me from performing my work as efficiently as possible?"

Create or update design documents, including user interface wireframes, database tables, site navigation maps and class UML diagrams.

Hold a retrospective meeting on the final daily meeting of the sprint.

Deliverables

Agile spreadsheet that includes:

1. Product backlog
2. Sprint Task List with time estimates
3. Sprint Burn Down Chart

Updated design documents for user interface wireframes, site navigation map, database design and class diagrams. *(Draw.io is recommended, however students may seek approval from instructors to use another resource.)*

Screencast video demonstrating the functionality of the app, as well as describing how the app was designed and coded.

Zip the source code of the application. To reduce file sizes, exclude the **bin** and **obj** folders. These are recreated each time you build and run the application.

APA style is not required, but solid academic writing is expected.

This assignment uses a rubric. Review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.