Application Details

Review the Minesweeper game requirements from your prior programming class to understand the game logic and game rules for Minesweeper.

Add the following features:

1. Login and Register functionality available via the Main Menu.
2. Display the game board after a user logs into the application successfully.
3. Apply CSS and image resources to the game board to ensure the pieces are scaled properly, arranged in logical order, and look nice according to your artistic standards.
4. Each button click should update the state of the clicked button and, using the recursion functions already in the game board logic, the appropriate board buttons should be updated.
5. Implement only the "left click" handler on the game buttons. Right-click functions will be included in the next milestone.
6. Uses appropriate backend controllers and business services to implement the game logic and game rules.

Scrum Planning

In each milestone for this course, the team will look at the requirements 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 a 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. Burn Down Chart

Updated design documents for user interface wireframes, site navigation map, database design, and class diagrams.

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.