This is a Collaborative Learning Community (CLC) assignment.

**Objective**

Demonstrate the ability to analyze an existing desktop application and determine what software components could be reused or refactored to build a web-based application.

Demonstrate the following Agile Scrum practices:

1. Complete Daily Standups
2. Write User Stories
3. Create a Sprint Product Log
4. Create a Sprint Back Log
5. Create a Sprint Burn Down Chart
6. Complete a Retrospective

Demonstrate basic knowledge for how to build Views and Controllers using .NET MVC using Visual Studio.

Demonstrate basic knowledge for how to design and build tables using SQL Server (Express) in Visual Studio.

Leverage prior C# Object Orientated programming techniques and ADO.NET to build a simple Form and persist its contents in a relational database.

Continue gaining experience using Agile Scrum practices.

**Activity**

Scrum Planning:

1. Identify team members.
2. Hold daily standups with your team members.
3. Review project requirements (both functional and nonfunctional).
4. Analyze existing Minesweeper code and determine what code can be reused or refactored for this project.
5. Review the registration and login pages requirements and develop some UI wireframes or mock diagrams.
6. Write user stories required to support the registration and login requirements in the Sprint Product Log. Refer to the “CST-247 Milestone Assignment Resources,” located in the course materials for resource templates.
7. Complete Sprint 1 Planning and Estimation in the Sprint 1 Back Log.
8. Complete the Sprint 1 Burn Down Chart.
9. Complete the initial Design Report.
10. Hold a "Practice" Retrospective for this assignment.

**Build**

1. No code is delivered.

**Deliverables**

Scrum Planning:

1. Initial Sprint Product Log
2. Initial Sprint Back Log
3. Initial Sprint Burn Down Chart

**What to Submit:**

1. The above Scrum artifacts in the deliverables section uploaded to a GIT Repository, and in a folder called Planning and Design.
2. All planning artifacts zipped into a single file.

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

This assignment uses a rubric, provided by the instructor. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.

You are not required to submit this assignment to LopesWrite.