Capstone Project Template

Header : Gaming Platform

[Dilli Luitel]

[Sudoku Solver Windows Application]

Summary:

I would like to create a Sudoku Solver desktop Application with user login info. And use SQL database to keep track of the game statistics like user info, name of the game, number of games played, wins & lost etc..

MVP : Develop a Sudoku Solver desktop Application.

Additional features: Set the game complex level and let the player choose the level they want to play. Add SQL database to keep track of the game stats. If time remains, I am thinking of converting the app into a gaming platform and add more games that we did in the past like Hangman Game and Tic-Tac-Toe games.

Schedule

Date Item

End of day 8th Finish project outline, project uploaded to GitHub

End of day 15th : Revisit the C# windows forms and develop a desktop sudoku solver application.

End of day 22nd : Add SQL database to keep track of the games statistics.

Due on 30th : Final review and submission.

Training Plan : Learn C# windows forms and application. Revisit C# tutorials and lessons as needed. Complete C# debugging tutorial to enhance my debugging skills.

Trainings: Visual Studio Essential Training: 06 Debug and Troubleshoot Code by Walt Ritcher

Windows Forms primary Layout:

Table

Description automatically generated