**Preview:**

Our whole project is based on the production tool Microsoft Visual Studio 2017, and its ASP.NET and SQL sections.

**How to start working:**

There are two files using to construct database and repository: “CSE201” folder, and “CSE201 full database.sql”

First open installed Microsoft Visual Studio 2017 software, and open .sql file which only store query to construct fundamental database.

Then open “CSE 201.sln” where is inside of CSE201 folder to open the whole ASP.NET project in Visual Studio.

**Database:**

In the .sql file, we have creation of tables, stored procedures, and pre-inserted data for running test.

**Working Place:**

There is the only folder that we have worked on, CSE 201 (under CSE201 folder, other files such as packages, .vs, and CSE 201.sln should never be changed).

And below is status of each file or folder we need to work on:

Scripts: Store all the outer javascript, jquery, and boostrap files.

Scripts 🡪 Site.js: This js file store the ajax sending framework, that all requirements from the front page is passing by this function.

Account: Folder that automatically generated by ASP.NET, no need for working on this area.

accountTypes.html: A form that only can be seen by admin’s account. Admin can change the account type of all other accounts.

addGameForm.html: A form that only can be seen by admin’s account. Admin can add game by entering required information.

spi.asmx: Important file, that code in line before 360 cannot be edited. Adding api that call stored procedures from database to get needed response.

Default.aspx: The front page that has content been added most.

**How system works:**

Front page call javascript function 🡪 Function send http request through AJAX 🡪 AJAX handle data to target API 🡪 API transfer given data to stored procedure 🡪 stored procedure invokes required data and send back to API 🡪 API send request status and data back to function 🡪 javascript function handle data and show to the front page.