For these workshops, we learned about the process of developing applications. The web and windows applications are the interface of the database. It is a way for the users, e.g. the agents and the customers, to access the data in the database. The applications are the bridge in the middle. We had to think about the best way to access the database, so the user can manipulate the data. For Workshop 4, we needed select from a variety of ways of creating the application. We found out the best way for us is also the easiest and simplest way, so we settled on using Data Sources. For Workshop 5, we also tried comparing using ASP.Net Web Forms vs MVC. In ASP.NET MVC pattern, the complete separation of view, data and business logic allows the design, implementation and testing of each portion of the application while keeping the code organized. Although MVC is faster in the application development process, our team decided to go with ASP.NET web forms as we felt that we were more in control and there are less auto-generated code. We also found out that not only accessing the data using SQL commands, and coding in C# is what is needed for creating an application. We have also realized the importance of a good, user-friendly, easy-to-navigate interface. We had to think of a good design so that the use of the application is intuitive for the user.

We also learned the importance of teamwork. As a group, we divided the tasks equally among our team members. To make collaborating easier for our team, we used GitHub. But with the lack of experience with the software, we easily encountered issues in code integration. The team overcame this by setting a master file in one machine and updating that file/code daily by copying and pasting code manually. This would be a great area for improvement and will be something we should practice and learn before the next workshop. For testing, we have left instructions on the Readme file so everyone have access to the test code. Every 2 days, we discussed each of our parts with our group, to help us stay on track. When we faced a problem, and get stuck with an error, we tried our best to help each other out. Since all of our teammates have similar programming experience, we found it very easy to work with each other. No one is too ahead, and no one is too behind. When there is a problem, we tried to communicate first. We tried to put ourselves in each other shoes and make it work out. There were no issues or complaints in this group.

For the next workshop, we will manage our project the same way. Divide the tasks equally among the team, and discuss with the team every other day.

Team 7:

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