**Team Project**

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| **Product** | **Where/How it was used** | **Pros** | **Cons** |
| GitHub | Used this to collaborate on a code base with the group project, | It was easy to get synced up on the same code base and see what everyone was working on. | -First time using GitHub for a project, there was some learning curve involved.  -Merge conflicts happened weekly for my team because one person uses tabs and another uses space. |
| trello.com | Create a todo list | -Create a todo list for me so that I wont miss anything important | Spend little time for making the todo list for myself |
| SQL server | Make a local server for group project | -Express version is free for us to learn SQL | Columns variable type is different to other SQL |
| SSMS | Manage group project DB | -Save queries  -easy to use  -clear printout | -Not many classmate is using it |
| Slack | Contact with teammates who don’t have Wechat | - For communicating with the classmates for the project | - do not use it that much so cannot reply classmate instantly. |
| Wechat | Contact with teammates | -A very good social communication app. | -So classmate don’t use it |
| Google doc | Most doc I use | - submit HW using Google doc  - make slide for team presentation | - Good tool but I did not use it so often |
| Dropbox | Cloud service | - Sync Document for me so I can get all my docs anywhere | - Did not find any |
| Visual Studio Code | Used for backend codes | -I can install all other languages by using the extensions so that I do not need to download that much compiler | - Spent little time for learning how to use it. |

**Individual Project**

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| **Product** | **Where/How it was used** | **Pros** | **Cons** |
| Visual Studio Code | Used for all my codes later on | -I can install all other languages by using the extensions so that I do not need to download that much compiler | - Did not find any |
| Pandoc | For the extra credit | Print markdown file to PDF or slides | - Do not use it so often after this class |
| IntelliJ IDEA | For my HW3 | A very good compiler for my previous project and HW for Java code. | HW3 is done by python, IntelliJ works for Java |
| SVN | For HW7 | An old way for people to update version for software | - The file is repeat and repeat so that it spend lost HDD space  -Wont use it later after this class |
| SQL server | Make a local server | -Express version is free for us to learn SQL | Columns variable type is different to other SQL |
| SSMS | For HW6 | -Save queries  -easy to use  -clear printout | -Not many classmate is using it |
| Dropbox | Cloud service | - Sync Document for me so I can get all my docs anywhere | - Did not find any |
| Google doc | Most doc I use | - submit HW using Google doc  - make slide for team presentation | - Good tool but I did not use it so often |
| trello.com | Create a todo list | -Create a todo list for me so that I wont miss anything important | Spend little time for making the todo list for myself |