**Assignment: Lessons Learned**

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Throughout the entire Database Development and Use course, many lessons were instilled that are sure to leave a lasting impression. Each topic was approached in a way that allowed the software developer’s perspective to shine through, priming the mind for an accurate depiction of the programming world outside the virtual classroom. Piggybacking off the foundations set in earlier weeks of the course granted access to a comprehensive understanding of database development and use. One assignment or set of assignments that particularly brought this to life was the group project.

The group project aspect gave me an extra taste of the future of programming. Many steps were taken to fulfill the milestones during the group case study exercise. Handling and incorporating the project requirements was easier when discussing them with a team to help better understand the expected deliverables. When feeling stuck, there were others to help walk through the steps or errors.

Although the group project mostly ran smoothly, some aspects could be improved upon. As remote students, coordinating and fitting our conflicting schedules and time zones proved difficult. Some members had more time available than others and could work on things before others had a chance to.

There were many lessons learned along the way that applied to the programming aspects and provided insight into how group coding could look. Aside from successfully creating code and databases to adequately meet the case study requirements, learning to work in remote groups was interesting. I imagine many similar situations will happen in the workforce. Knowing what I know now, I would want scheduled meetings to really help push the project forward.

For the duration of this class, every single resource and deliverable helped to set realistic expectations for a career as a programmer. Discovering how to create tables and alter entries as needed while linking to Python information from other courses blended together nicely. Projects such as the group project helped practice for the future and build valuable lessons moving forward.