**Iteration 4 Reflection**

Commerce Bank – Group 6

The goal of iteration 4 was to complete a solid backbone for our web application. Our team focused hard on following good design practices and prioritized fulfilling most of the remaining requirements for the system. We have the majority of the software completed and look forward to also finishing up stretch goals and testing on our next iteration.

Most of our success from this iteration came from the motivation and effort from individual team members wanting to work towards completing a quality product. We heavily emphasized timeline these past few group meetings and reviewed our original schedule to ensure we are still on track to hitting our milestones. We have hit the majority of our goals, so that’s a highlight! Our members have really been deep diving in their individually assigned tasks and are learning a lot about general computer science content as a byproduct. For example, when looking into hosting and while working on SQL backend, Txomin was able to apply knowledge gained from his previous networking classes to gain ground on this project. It is always beneficial to make connections between topics because it broadens our understanding of development in general. Together we are really pushing each other to hit deadlines, grow in our software abilities, and practice being a member of a functioning development environment.

The biggest issue from this iteration is that, for a few brief moments, while people were working hard on their own tasks, they were not necessarily communicating their progress with others. This makes it difficult when people are trying to integrate components because it takes longer to define compatibility measures. For example, we have two developers working on the windows for our application. When they are not working together to create control flow, it just takes longer to actually fulfill that requirement because additional meetings are needed to follow up on individual actions completed. Furthermore, it’s harder for other members to complete their own tasks because the database and testing plans are also reliant on the work of the general application. The only other issue we had was team members notifying the group they wouldn’t be able to attend a meeting the day of. This is difficult to work with because at this point in the development process we really need everyone’s contributions and updates to continue moving forward.

Unfortunately, we did not avoid most our listed risks throughout the iteration. The three risks not avoided were having a team member “go dark”, not communicating or sharing their progress on individual tasks, not communicating attendance issues within the range defined in our team rules, and the consequence of coding implementation issues because members “went dark” earlier in the iteration. Otherwise as a group we avoided groupthink.