

Spencer Snider
Self-Assessment
4/14/2022

Individual assessment:

I believe that I was able to successfully apply and build upon the skills that I identified in my initial assessment from last semester. My senior design project built an app called Unblock'd and my personal contributions were completely necessary for the life of our app. I wrote the code that made up the entire back end of the application. I set up and organized the database and created an easy way to store all of our user data, as well as the global app data that required the database. Along with setting up the database, I also created the home page and did the majority of the logic design for its functionality and made appropriate links with the database.

During this whole process I had to learn a lot. I was able to become proficient in using the Flutter framework and coding in Dart. I used Firebase and learned the ins and outs of how that worked. I also learned much about MongoDB and Mongo Atlas, though we didn't end up using much of that. My successes included working with Firebase and working with Flutter framework and using major libraries in flutter such as `shared_preferences` and `firebase_core`. Some major obstacles included working with Mongo Atlas and git organization.