For my Cad Project I designed a restaurant couch with a built in table. I decided to do this project because I thought it would be interesting to design a couch. The design had no inspiration other than my own. It’s not modeled after a specific restaurant couch. The design is purely a creation of my own. The most difficult part about designing this couch in solid works was that its hexagonal structure caused problems in extrude cutting and hollowing the couch. I also ran into problems making sure the sketches were fully defined. The biggest problem was that because I didn’t model the design after anything all of the dimensions had to be estimated by myself. I chose to design this couch because I tend to eat in restaurants frequently and I thought designing something like the seats I sat on would be interesting. I took a more creative approach by using the hexagonal shape and through designing this project I learned so much. I never used solid works before this class and my skills are still not very good. However, I was able to successfully design a couch and to my surprise it actually looked like one. To some that may not be an achievement but to me I achieved a goal that I previously did not think was possible. I learned more about myself and my abilities to achieve goals I set for myself.