Since this artifact is a database I didn’t really have anything to start with in particular, but I found a way to create a database that I though was interesting decided to go along with it. I am using MySQL Workbench 8.0 CE and MySQL 8.4.5 and as far as I can tell they appear to be compatible with each other. I have had to do some research which includes looking up guide and videos to learn about how to begin a database and what kind of data you might implement into one. MySQL is actually something I have not really used all that much and at the moment I am learning it from scratch, but from what I can tell beginning a database is not all that difficult. With that said there is still much to learn and I am considering how to go about implementing security with this artifact, I have considered encrypting the data within the database since that should be a good way to show security. I also have had to create a login for the database which could also be considered security, but that seems like it would be a bit cheap to consider that since it is already built in and I just created a password. Something I can also add in for security is separate user accounts with various permissions this is actually something very important since not every user would need the same amount of access into a server and it is important to implement the principle of least privilege. So that sums up my inclusion of this artifact since it is showing that I can learn how to use different software as well as to achieve the course outcome of having a security mindset.

I would say that I have only just begun with this database and I have only really started it up and added a basic table that I can insert some data into. At the moment it only have me as a user in the table and not much else, but I will soon be implementing some form of security. I was unsure how to submit this artifact as well so I will be submitting what I was able to export from it as well as a screenshot showing the information I added to the table. I will most likely add more information to the table to make it appear more like something you may see at least at a small company. But the priority of this artifact was the creation of the database and making it more secure.