

## Software Design and Engineering

### Lab Document

<b>High Level Purpose Statement:</b>	I want to figure out how to use PostgreSQL to create and use a database for a java project.
<b>Experimental Design:</b>	The software is a database for Magic cards that has added functionality to connect to Scryfall API and pull that cards prices and add it to the database.
<b>Resources Available:</b>	Documentation on PostgreSQL's website showed me how to get the server up and running.
<b>Time Estimate:</b>	I spent a good few hours working on getting the database set up as well as writing the code. I would estimate about 8-9 hours
<b>Experiment Notes:</b>	PostgreSQL is a pretty easy database to use and the documentation on how to interact with it through the java code was great.
<b>Results:</b>	Program seems to run well, I haven't noticed anything wrong from the few cards Ive added to the database and called the prices for.
<b>Consequences for the Future:</b>	I could definitely see myself using PostgreSQL again.