

Final Project

Start Assignment

- Due May 5 by 11:59pm
- Points 80
- Submitting a file upload
- File Types zip
- Available Apr 8 at 12am - May 8 at 11:59pm

Assignment Goal

The goal of this assignment is to implement the software system described in your Design Document as a guide. You will not be graded on whether or not your system matches your initial design.

You can find the Final Project Requirements here: [FinalProject.pdf](https://webcampus.unr.edu/courses/108048/files/13569452?wrap=1)
(<https://webcampus.unr.edu/courses/108048/files/13569452?wrap=1>)

Assignment Requirements

1. A pg_dump for the database schema only.
2. A pg_dump for the database data only.
3. The Python3 code for your program.
4. Any additional required files, including data files.

Final Project

Criteria	Ratings					Pts
<p>Database Schema</p> <p>A pg_dump for the database schema only. There are at least 5 meaningful tables included. There must be a table for at least one outside data source. The schema follows best practices covered in the course including primary key and foreign key constraints and table normalization.</p>	<p>30 pts Exceeds Expectations</p>	<p>24 pts Meets Expectations</p>	<p>21 pts Approaches Expectations</p>	<p>18 pts Does Not Meet Expectations</p>	<p>0 pts Missing</p>	30 pts
<p>Database Data</p> <p>A pg_dump for the database data only. Data in tables reflects the appropriate outside source(s) and any data created by the system itself.</p>	<p>10 pts Exceeds Expectations</p>	<p>8 pts Meets Expectations</p>	<p>6 pts Approaches Expectations</p>	<p>4 pts Does Not Meet Expectations</p>	<p>0 pts Missing</p>	10 pts
<p>Program Code</p> <p>Program code is written in Python3 and correctly connects to and interacts with the database through an appropriate library or framework. Interactions between the database and outside the system must pass through the software layer.</p>	<p>20 pts Exceeds Expectations</p>	<p>16 pts Meets Expectations</p>	<p>12 pts Approaches Expectations</p>	<p>8 pts Does Not Meet Expectations</p>	<p>0 pts Missing</p>	20 pts

Criteria	Ratings					Pts
System Requirements There must be some information going into the software system which persists in the database. There must be some information coming out of the software system which is generated by the database.	10 pts Exceeds Expectations	8 pts Meets Expectations	6 pts Approaches Expectations	4 pts Does Not Meet Expectations	0 pts Missing	10 pts
System Support Any additional required files are included in the project files, including data files. Clear and precise instructions are provided for setting up and starting the system.	10 pts Exceeds Expectations	8 pts Meets Expectations	6 pts Approaches Expectations	4 pts Does Not Meet Expectations	0 pts Missing	10 pts
Total Points: 80						