

a cs350 rudiment

## The Flask PostgreSQL Rudiment - 65xp

To gain basic skills in using a database server for a web app.

### Requirements

1. All requirements of rudiment 1 including
  - a. All code should be pushed to your gitlab repository and tagged rudiment2
  - b. Demo your code on Google Cloud (or similar service) as a supervisor process
2. In addition, you should add an html page that
  - a. gets information from a user using an html form. There should be at least 4 input fields using three input types (not counting the submit button).
  - b. you should store the user submitted information into a database table.
  - c. this requires that you design and implement a PostgreSQL database containing at least one table.
  - d. you should also display a list of the contents of the database table on a webpage. (it could be the same webpage as the form).
3. For example, in the Flask HTML form video, I used the example of people registering for an rc indoor flying time. So something along those lines with the addition of storing the information in a database and generating the list of those registered from the database. So PostgreSQL-ifying that example with a few more input fields would be adequate.
4. don't forget to create a database using the principle of least privilege.
5. All the code that accesses the database should be in a separate file as shown in the best practices video.

### demo

Please demo in class. Before you start the demo please hand me a 3x5 card with the title 'Flask PostgreSQL', your section number and your full name legibly printed:

```
Flask PostgreSQL
Ann Hedberg
Section 1
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