

University of Kentucky Student Sustainability Internship Program Storm Water Intern



Garrett Pieratt

Hometown: Dayton, KY

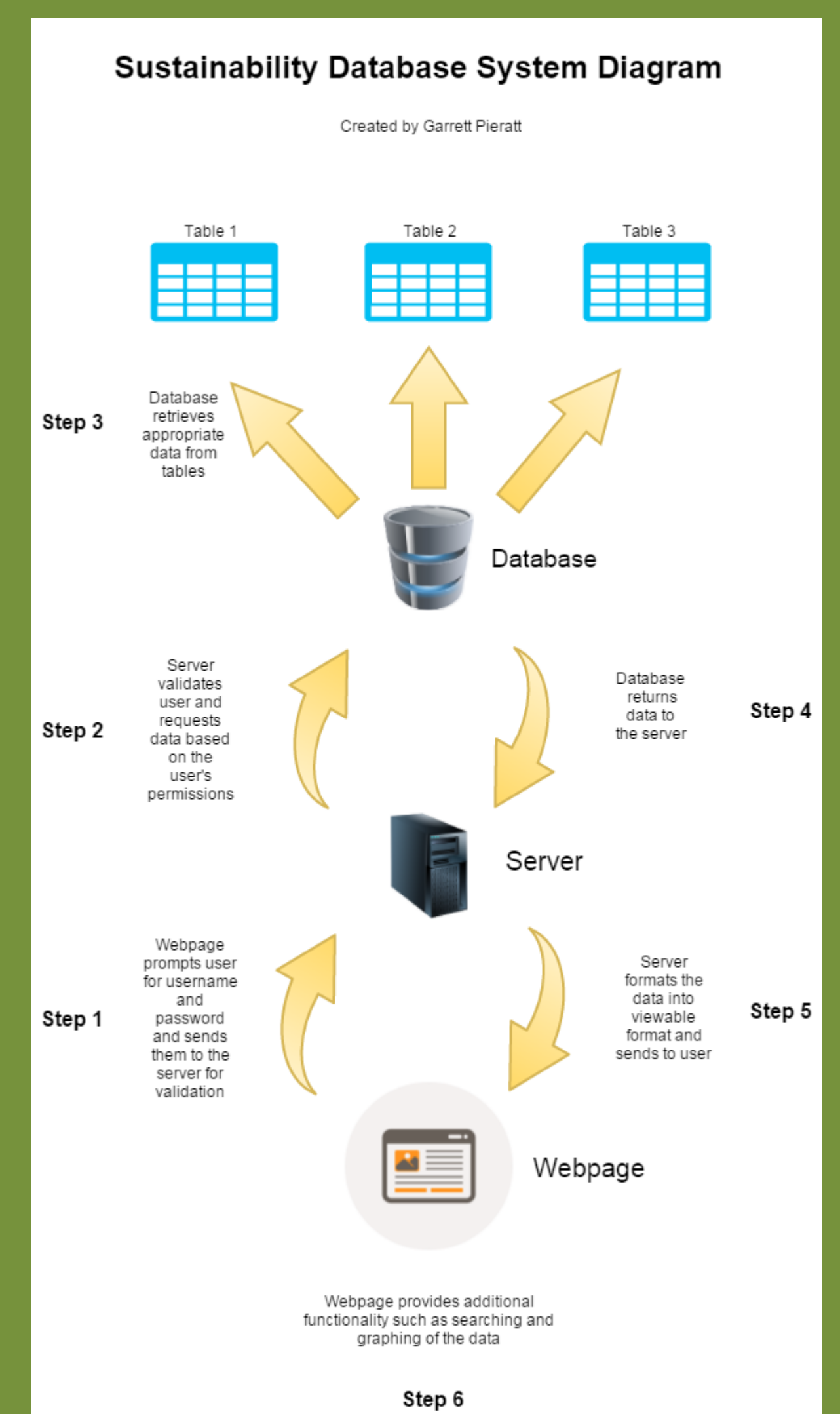
Major: Information Communication Technology

Year: Senior

Unit Association: Tracy Farmer Institute for Sustainability and the Environment (TFISE)

I am a senior Information Communication Technology major and Computer Science minor here at the University of Kentucky. My studies are focused on information systems and the way technology can be used to facilitate the storage and usage of digital data.

As part of my internship I have built and will maintain a database containing all of the data collected by the various professors who are taking data from the newly built campus rain garden. Doug Curl, Section Head of Geoscience Information Management worked with me to build this database as well as my personal project.



For my personal project, I am building a website that will allow easy viewing of the data from the database as well as provide additional functionality such as the ability to search the data and graph it easily. The website will store a variety of data and allow certain groups to access the data they have permission to view. The hope is that these group will include students here at the University of Kentucky as well as groups such as high school sustainability groups, generating interest and facilitating student learning.