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Hackathon 2017 Project: Resource-Sharing Website

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For the UD Hackathon, our group gave the proposed deliverables to Evan Kurtz and Tyler Berkshire, both freshman computer science students. At that point in the project, we were focused on creating a web-based platform on which to house our resource sharing project. We figured the website could also be a home for the other projects - food, solar, and mentoring - that were results of this course.

They created the website, "Situialis", which means "Local" in Latin. It is *not* live online. They created a locally based design, but coded the whole thing themselves. Very impressive. We really had no idea how to make a website design, so they were a huge help.

To view the Situialis website:

- Right-click the "Situialis Website" folder and download it
- Open the "Situialis Website" folder from your local documents ("My Documents")
- Open the "Index" document to view Situialis in a web browser

Situialis has two main focuses. First, it is focused on "resource sharing", allowing individuals or organizations to easily post what they have or what they need. Second, it focuses on a points system based on activity on the site. So a business that engages frequently with others on Situialis would get more points. Businesses that receive a certain amount of points would receive a "Dayton Gem" sticker and certification for their window (it could also be displayed on the website). This would promote friendly competition and more involvement.

Both Evan and Tyler said that they had an interest in continuing work for this project. They could be a great resource for the IT side of this project if it becomes necessary again. One limitation at the time of the Hackathon was that they are not familiar with the "back end" of website design. So a login/password system, database manipulation, and other algorithms would all have to be learned. These are things they'd likely learn in their own coursework.

