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# Food Share System: Prevent Food Insecurity and Food Waste on Campus

**Possible Academic Connections:** Computer Science

**Recommended project length:** Semester

[**Experiential Learning**](https://www.ohio.edu/academic-excellence/experiential-learning/overview)**?** Likely

[**Community Engagement**](https://www.ohio.edu/university-college/campus-community-engagement)**?** Not likely

**Remote learning possible?** Yes

**Connection to** [**OHIO Sustainability & Climate Action Plan**](https://www.ohio.edu/sites/default/files/sites/sustainability/files/2021%20OHIO%20Sustainability%20and%20Climate%20Action%20Plan.pdf)**:** Food, Student Life, Waste

**Brief description:** Develop a food app, social media platform, or texting system that allows for notification of food waste on campus. Identify obstacles to implementation, including policy and procedural obstacles.

**Project description:**

 Develop an app or other electronic method of notification to food insecure students of available food on campuses, such as University of Pittsburgh's "[PittGrub](https://www.kdd.org/kdd2018/accepted-papers/view/pittgrub-a-frustration-free-system-to-reduce-food-waste-by-notifying-hungry) " system.

**Resources available to students/faculty to complete project:**

* Staff consultation time

**Project alignment to OHIO Sustainability & Climate Action Plan:**

* [Food](https://www.ohio.edu/sustainability/operations/food)
* [Student Life](https://www.ohio.edu/sustainability/sustainable-living/student-affairs) (goal #1)
* [Waste](https://www.ohio.edu/sustainability/operations/waste-management) (goal #2)
* [Administrative Support core](https://www.ohio.edu/sites/default/files/sites/sustainability/Sustainability%20and%20Climate%20Action%20Plan%20sections/Core%20Components.pdf)- achieve recognition for innovative and robust sustainability planning, coordination and governance

**Please send final project deliverables to****sustainability@ohio.edu****for tracking and reporting purposes.**