

CHALLENGE BRIEF

Cloud Database to Transfer Collected Food Waste Diversion Data

Background

Genecis is an early-stage BioTech company that upcycles restaurant food waste into resalable materials. We help restaurants save money, and boost sustainable branding by converting their food waste into valuable raw materials, which is used to make end products like bioplastics, biofuels and pharmaceutical drugs.

Challenge

Various components of our machine are automated and set to collect data for maintenance and greenhouse gas tracking purposes continuously. This data is incredibly valuable for both for tracking performance and to help our customers see their achievements in real-time such as money saved and greenhouse gas emissions offsetted through an app.

To make this data useful for our team and customers, we need a cloud server and database to access and store the data. We would like to explore the potential of building off existing open source cloud databases and contribute code that could be used by other start-ups working on similar challenges.

Skills we are seeking

Programming and electronics
Experience with cloud database or database management
User Interface designs
Mechanical engineering

Who to contact for additional information on this challenge:

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