Verdant Future

Description

Verdant Future is an online platform built for business and environmental projects to encourage environmental sustainability.

Companies and projects can register to join the platform.

Projects can receive funding from any companies that donate money to them.

Companies can get evaluated to access their sustainability and will receive "green credits" that are an indication of how environmentally friendly they are. In addition to donating to projects to gain green credits, companies can also engage in trading with other companies. A company can offer to purchase some number of credits from another company, who can accept or decline the offer.

Repository Information

At the base of our repository, the database.sql contains SQL statements that generate the necessary tables for our system.

The backend folder contains the code for our backend API server.

The frontend folder contains the code for our frontend web client.

We also have tests for both our backend and frontend. See the Testing Information file for more information.

Details on how company evaluations work in Verdant Future can be found in the Evaluation Information file.

Attribution

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