Going Green

Functional requirements

* Users can create an account
* Logged in users:
  + Make a request to add a product
  + Customers can get a quote for their product via email
  + View product status: received, assessed, recycled, sold
* The company can manage the types of electronics that are accepted
* The company can change the original quote

Nonfunctional requirements

* The app can have thousands to millions users
* The app protects customers private data
* Each request should be processed within 10 seconds
* Emails should be sent with a latency of no greater than 24 hours

Project structure

https://github.com/Al3xBM/Going-Green

Project stack - .NET 5/6; Blazor/Razor/Angular/React

ADH - <https://en.wikipedia.org/wiki/Architectural_decision>

C4 Model diagrams

SQ instance

Bonus

AI/ML:

* The app should be able to classify the electronics
* The app should be able to predict the price of the product

CI/CD pipeline