Abstract
We aim to standardize and simplify the instructions for residents desugaring waste, whether it goes to the blue bin, green bin, landfill, or city drop-off.

Project Description
What
AZ Recycle Now provides a quick way to find recycling and safe disposal rules of cities in the Phoenix Metropolitan Area.

Why
To centralize the recycling rules for specific items in different cities within the Phoenix metropolitan area into one easy-to-use search, with automatic location detection.

Who
Any citizen living in the currently supported cities that wish to safely dispose of waste.

Process
Structured Analysis for concept to logical design; Agile iterative method for build to deployment.

Features
• Search bar to look up specific items
• Form page that lets the user submit a complaint or request
• Dark / Light Themes
• Admin page secured with Authalia for the addition of new items

Lessons Learned
• How to build a full-stack web application with modern tools & UI
• Securely querying a database with custom API
• Data aggregation

Technologies
• ReactJS w/ Material UI
• Authalia 2FA w/Duo
• Node JS
• Microsoft SQL
• Docker
• JIRA SCRUM

Future Work
• Support additional cities.
• Work with local municipalities for continued accuracy of the information.