Design Document

Script

https://docs.google.com/document/d/1oxUcbn-rnWReAk55mzAiR5Bkh0rfvncKqiccXb4Ng14/edit?usp=sharing

Minimum Viable Features?

Who likes what, what should we implement?
Write your answers below, Sky has highlight features they think will be technically feasible within the timespan we have

- Push notifications
- Community wall
- Surveys and questionnaires
- Video, image, and audio hubs
- Image Recognition technology
- Calendar integrations
- Ecommerce carts
- Menu system
- Recipes from Available Ingredients
- Event page
- Selecting products and Bins
- Waste Sorting
- Bin Quiz
- User directory
- User Feedback

Sky says landing page, “Recipe from available ingredients”, “local map to find nearby recycling points for various types of garbage”, as well as “waste classification system” Maybe also reminder to tell you which days you need to put your bins out, reminders the night before?

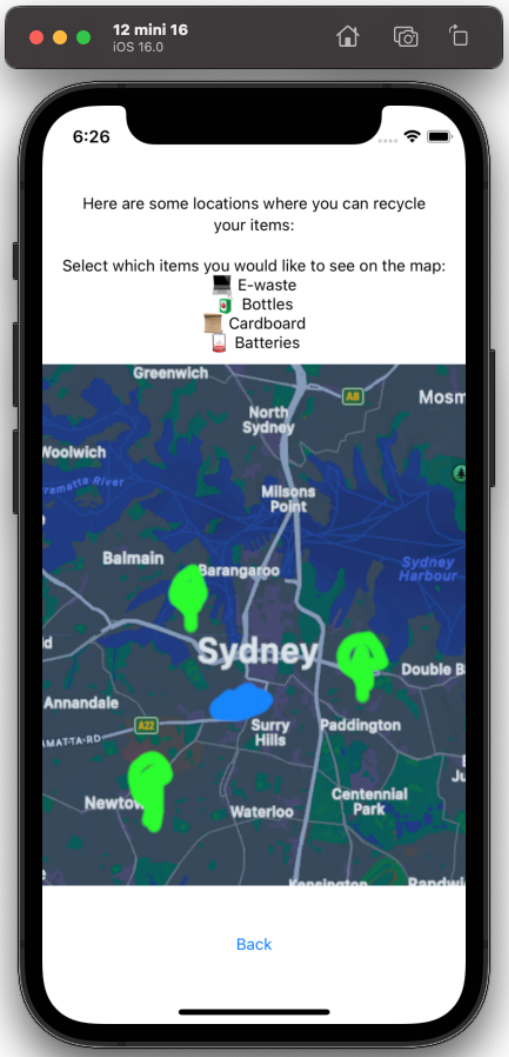
As discussed during 27/07/2022 meeting, going for “food scraps/leftovers to recipes”, “Recycling map”, + bin calender.4
Tentatively a “What goes where” system for sorting waste into various bins/finding an appropriate recycling center, but need some prompts on the UI here.

Harrisons add on Idea, Have a Map page with your current location, and pins that have different reyclying places around the sydney area.

Shampee: have a list of locations for the reycling areas.

Have a tab for both list view and map view, kinda like air bnb but more basic.

Mockup for the map view:



Spare food

Jumping on the recipe feature early, task for the whole team, look in your pantry/fridge and try to identify ingredients/food that either seldom get used, or oftentimes go to waste.
Jot them down here, in no particular order
Entries that have been highlit green have been added to the spreadsheet:
https://docs.google.com/spreadsheets/d/19VaAe4ZymHT9HG5oC4q29T8_uEISlHGyNn_rn2MQUf4/edit?usp=sharing

- Konjac Noodles
- Rice
- Store-bought Roast Chicken
- Frozen vegetables
- Bananas
- Tofu, Red onion, mixed leaves bag, pasta, Tins of tomatoes, Garlic, Ginger, Eggs, Flour, Rice, Glass noodles, Rice noodles, Rice paper sheets, Seaweed paper,
- Spring onion
-

App Name Ideas

Green Thumbs (same as group name?)
Recycle THIS! (idk doesn't look like any other apps use it, but someone made a video years back with this as a title…)
Using "Carte Blanche" as a placeholder for the time being.

Gomi - Japanese for Garbage
ECO calculator
Better earth
Edible trash

Shampee - Didn't check if these names had been taken already. Just came into my mind
Waste Zip
Waste Boss
Waste Wise
Food Wise
Food Guru
ReZero
RECO - Recycle Economy
Go Zero
Green Print

App Icon Ideas

A recycle symbol, but rather than a fold, squiggles, to emphasize the circular nature of reuse?

Shampee: I did three. Can do more if needed.

Wireframe

Launch app, select feature, and feature loads.
Perhaps on app launch, restore the previous screen?

Launch app - Home screen with a bottom line for the features (Recipe calculator, barcode scanner, Local depot maps, how to recycle button as well. the Main screen could have recent news posts about related topics from other websites https://greencitizen.com/green-news/ ,https://happyeconews.com/ there are a fair few others.

Could the app give notifications to the user's phone the day before bin day as well and be specific on what bins need to go out.

Review of similar apps

Tried looking at “RecycleSmart”, however, didn’t load past the onboarding screen.
Maybe it’s best we do things from scratch?

Sustain Me

So this already has similar features but I think it tanked, can't seem to find it anywhere just reviews. Yeah, it's gone. Think it's due to the roll-out and different councils have different requirements when it comes to garbage management. But their ideas were very similar to what we are after.
https://appadvice.com/app/sustain-me/1022256236

recipME - Kinda cool actually rates the sustainability of each recipe but doesn't have the recipe calculator
https://recipme.app/

Go Zero Waste: Quite similar to our ideas. We can combine our ideas and these apps ideas. And can create something unique!
https://gozerowaste.app/en/

Artifacts

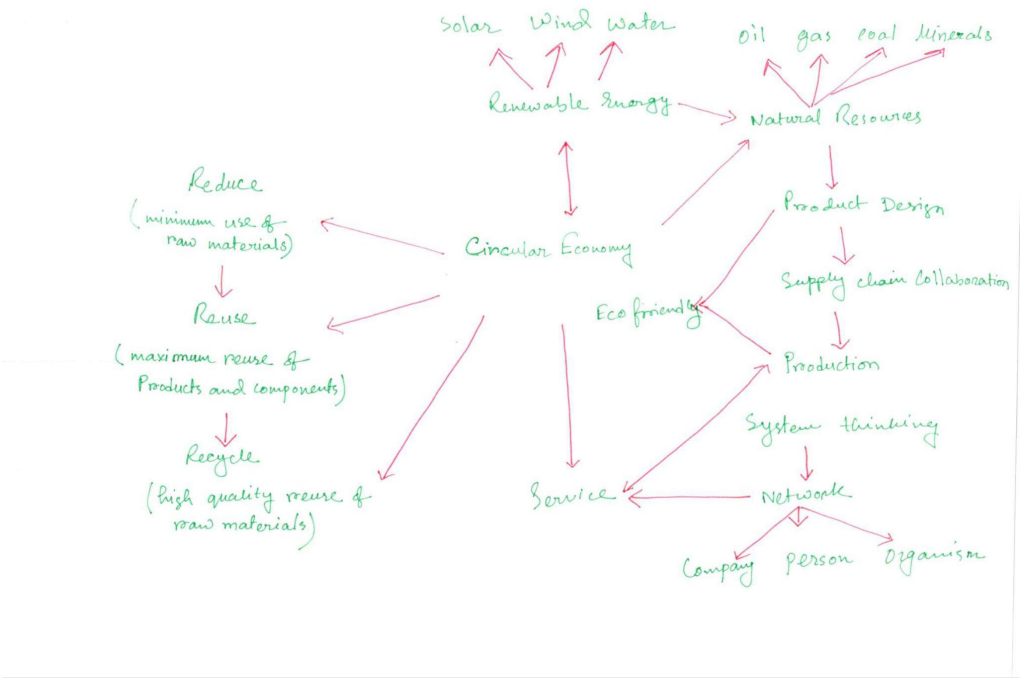
Just paste any artifacts you make here if for whatever reason that’s preferable to putting them on github in the “Artifacts” folder for the project

Icon draft:

Refurbish / Recycle

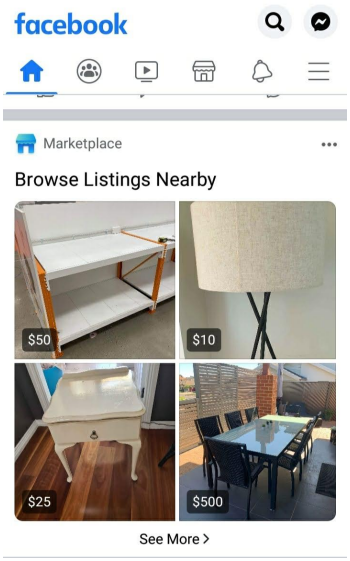
Raw Materials / Natural Resources

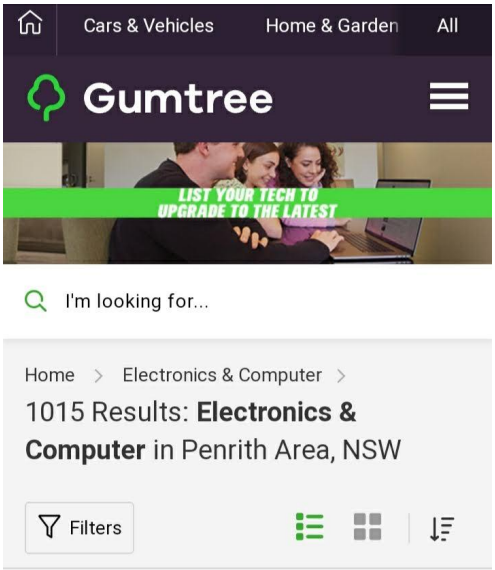
Brainstorm:



Recycle Places & points:

Online Recycle Markets:


facebook
Marketplace
Browse Listings Nearby
$50
$10
$25
$500
See More


Cars & Vehicles
Home & Garden
All
Gumtree
LIST YOUR TECH TO
UPGRADE TO THE LATEST
I'm looking for...
Home
Electronics & Computer
1015 Results: Electronics & Computer in Penrith Area, NSW
Filters