

Reticulum: Mid-Point Check

Reticulum Team Members

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Submission Contents

Included in this Mid-Point Check:

- Reticulum Mid-Point Check (PDF)
- Links to web project:
 - The Corvallis Reuse and Repair Directory:
<http://app.sustainablecorvallis.org>
 - Corvallis ReUse Administration site:
<http://app.sustainablecorvallis.org/AdminSite2/main.php>
- ReUse-Website (Zip). Contains files for both the public_html website and the Administration site.
- ReUse-iOS (Zip). Contains all files for the iOS app

Project Status

The Reticulum team is a little over halfway through completion of their project plan. For the first week or two, our team has been busy ramping-up to understand what is currently in place for the ReUse project. Within the last week or two, our team has been able to start on building an iOS application as well as build on web development work for the public and Administration ReUse site.

User Instructions

iOS ReUse Application

Included in the ReUse-iOS zip file are all the files needed to compile and run the iOS app. To run the app, open the CRRD.xcodeproj file in Xcode. Once the project is open in Xcode, simply choose the device simulator you want (iphone, ipad, etc) and run the project. I've done most of the testing so far on the iPhone 7 simulator, so I would recommend using that or one of the newer iPhones. Once the simulator gets going and the app is running, you can interact with it as you would a physical iPhone.

The main page gives you three options:

- Repair
 - Navigates to a list of repair item subcategories. If a subcategory is clicked, it will navigate you to a list of businesses associated with that subcategory. A click on a business will display the business details
- Reuse
 - Navigates to a list of all reuse categories. A click on a category displays all its subcategories. A click on a subcategory displays all its businesses and a click on a business displays its details.
- Recycle
 - I haven't implemented the recycle page yet. For now it navigates to a list of all businesses in the database.

On the top of every page is two buttons:

- Drop down menu
 - Displays a small menu at the top of the screen with options to navigate to the about and contact pages.
- Home button
 - Navigates to the main page

If you click on a business and navigate to the business details page, you'll notice the same data for each business. I haven't implemented the dynamic updating for this page yet, so all you see is hard coded data. There are still a few bugs to fix as well, so if you encounter anything out of the ordinary don't be alarmed. A few of those bugs are due to a couple of the pages not being fully finished. Overall, enough of it works for you to a sense of how the app works.

ReUse Administration Site




Within the ReUse-Website.zip file, is a directory tree for the Administration site. From the root of the zip file, go to 'public_html' and then 'AdminSite2'. The 'AdminSite2' structure remains unchanged from the start of the project with locations for .css, .js, images, .php, and additional component files.

To access the live site, go to the Corvallis ReUse Administration site (<http://app.sustainablecorvallis.org/AdminSite2/main.php>). If the browser doesn't have a session saved from previously visiting the site, you will need to enter in credentials to enter the site. Current username and password for the site is 'jeb'.

New things to look for in the Administration site:

- On the main.php page, hover your mouse to the side of the page and a menu will extend. The new thing is clickable 'Search' item. This will take you to the Search page.



- Throughout the site should contain the  icon, which will also take you to the search page.
- On the search page, a user can choose some criteria and then enter a word to begin a search. Based on the criteria, it will search for like terms in either the business, category, or item data repositories. Results return array of findings or alert the user that nothing was found. There is also some functionality to limit the user from using special characters in the search.
- The add new business page has been updated to include the option to input a latitude and longitude location for a business. To get to the add new business page, go to the list of all businesses. Click a business to view its information. From this page, click the  icon to add a new business.
- Viewing and editing existing businesses will now also include latitude and longitude information. From the all businesses page, click a business to view details. To edit, click the  icon.

ReUse Public Site

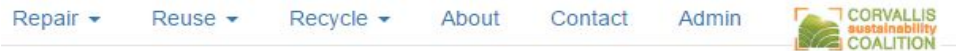
Within the ReUse-Website.zip file, is a directory tree for the public site. From the root of the zip file, go to 'public_html'. The 'public_html' structure remains unchanged from the

start of the project with locations for .css, .js, images, .php within the HomeSite directory, and additional component files.

To access the live site, go to the The Corvallis Reuse and Repair Directory site (<http://app.sustainablecorvallis.org>).

New things to look for in the public site include:

- A Corvallis Sustainability Coalition button along the top menu to link to the Corvallis Sustainability Coalition page.



- Statement for donated items in the 'About' sections.
- A search box in the header area of the site. Currently, the search uses an entered keyword to look for like items (e.g. Book, ook) in the database and then return a list of businesses. User can enter characters, and the text box is listening for an 'Enter' key and then begins the search. If the user enters special characters, the search will not continue.



ReUse Database

The ReUse database was updated to include categories for repair items. The current database has one category for repair and all items that can be repaired are associated with that category. The new schema includes the Resource_Type table that contains the type of business (reuse, repair, or recycle). A field was added to the Reuse_Locations_Items table to indicate if an item and location provide reuse, repair, or recycling services. The data was updated to move all repair items into the appropriate categories. The public website will be updated to reflect the new repair categories during the second half of the term.