Release Plan 2.0 (CS 117)

Resourceful Upcyclers Team:
- Sean Gordon: Dev, Project Owner (In Class)
- Ryan Schouweiler: Dev, Scrum Master (Sprint #)
- Riley Honbo: Dev, Scrum Master (Sprint #)
- Andrew Johnson: Dev, Scrum Master (Sprint #)
- Todd Anderson (Project Owner/Sponsor)

Project Title: Resourceful Upcyclers

Sprints: Every 2 weeks
- Sprint 1 (4/9/18 - 4/22/18)
- Sprint 2 (4/23/18 - 5/6/18)
- Sprint 3 (5/7/18 - 5/20/18)
- Sprint 4 (5/21/18 - 6/3/18)
- Sprint 5 (6/4/18 - 6/10/18)

Release 2.0 Date: 6/3/18

Planned Features:
- Frontend revamp
- CSV import/export
- Requests
- Hosting multiple businesses
- Notifications
- Location Hierarchy

Stretch:
- Chat integration (Google hangouts, discord, etc.)
- Narrowing businesses by radius distances
- Pickup routes for donations needing pickup
- Employee profile (limited functionality of an owner)

MISSION

Make businesses more efficient and effective with the help of novel supply chain operations. For example, how to set up a piece of software that'd empower a business to act as a depot for office supplies? Gather the surplus consumables and durable office supplies from the community at large - donations from people's utility drawers, closets and desks. This system would help to categorize these goods and make their storage locatable. Also it'd need to manage incoming requests, attempting to match requestors with the needed goods once

sufficient supplies were stocked. This office supply store could redistribute these donated items to no profit businesses in the area at a fraction of the retail price. Empowering these businesses to move their financial resources away from supply costs and into what's best for their service delivery.

Another type of business that could benefit in the same way from this software would actually be your standard auto junkyard. There are parts cataloging systems, but they're outdated. As luck would have it, there is one auto yard left in the city of Santa Cruz, Anthony's Auto Wrecking. The new owners are great people and they hope to make something unique out of their place. A great first step would be in helping them manage the parts and the orders they already deal with on a daily basis

Release Details:
Create a website that allows a warehouse, auto-yard, etc. to accept donated items, log them with detailed information and match items with non-profit organizations looking for them. Owners of the storage location have the ability to accept/decline offers of donation with a detailed account of their currently available inventory as well as requests for certain items. Customers have the ability to request donating things to the center, as well as buy items offered by the owners, or request an item when it becomes available. Users (both customers and owners) can view categories of items, as well as search for tags associated with items.

User Stories	Story Points
Sprint 1:	
As a customer, I want to be able to browse through multiple businesses on the Resourceful Upcyclers site so that I can view a larger selection of items.	17 pts
As a customer, I want to see a notification for updates to my donations so that I can keep up with when my item's status changes	9 pts
As a user, I want an aesthetically pleasing splash page and uniform theme so that I don't get bored looking at a black-and-white page	6 pts
Sprint 2:	
As an owner, I want to see a notification for updates to my items, donations, and offers so	6 pts

that I can keep up with how my inventory is changing.	
As an owner, I want to be able to import and export CSV files of my inventory to make moving my inventory easy.	12 pts
~~As an owner, I would like accounts to have email verification so that I know that i can contact my customers~~	9 pts
As a user, I want aesthetically pleasing form pages so that I don't get bored looking at ugly text fill-outs.	6 pts
Sprint 3:	
As a customer, I want to be able to send a request for an item to one or more businesses so that I can acquire my desired item.	9 pts
As a owner, I would like more precise item locations so that I can keep track of my inventory easily.	11 pts
As a user, I want aesthetically pleasing listing pages so that I can more easily view large numbers of items.	6 pts
Sprint 4:	
As a customer, I want to see all features previously promised to be completed so that I know the developers care	TBD - Based on success of previous sprints
As a customer, I want the site to be bug-free and functional so that I don't have to struggle to use it.	10 pts
As a user, I want all UI elements from Sprint 5-7 to cohesively work together so that I can easily flow between the site functionality.	6 pts
Sprint 5:	
Finish backlog	N/A