

Vijay

PROJECT NO.	DATE SUBMITTED
12369-00	11/27/2020
PROJECT OBJECTIVES	
<p>I challenge you to find a person who hasn't heard the saying: Reduce, Reuse, Recycle. Thanks to modern efforts, reducing and recycling is as simple as can be but reusing continues to baffle even the most environmentally conscious people!</p> <p>Our solution; Reuse Repo! This website helps you connect with like-minded environmentalists who just want to save the world one reuse at a time. Don't know what to do with your broken toaster? Hop onto Reuse Repo and unearth articles that show how you can turn it into a beautiful home decoration! All you need to do is add your "junk" to a list and let our website find you the best and most creative ideas you can enjoy!</p> <p>People can search for reuse ideas using the site. They can also optionally register and post their own reuse ideas and tag them with diff kinds of materials. For example, a user can post about how to reuse coffee cups and tag them with Cup, Coffee Cup and Plastic Cup. The tags will be used to help people search for ideas.</p> <p>People can also register, login and post their thoughts and ideas for the world to see. Users will have a list to add their treasures. They can use tags to find exactly what they're looking for.</p> <p>In the following releases, we will look into image recognition. Reuse Repo will swiftly and accurately figure out the parts of the appliance you wish to reuse, allowing for more doing and less searching!</p> <p>This project will start planning on Nov 27th and development will start on Dec 4th. We will continue adding features until the mid of January. Beta testing will begin the week before deployment. We will deploy the final finished project at the end of January.</p>	

Project Deliverables

DELIVERABLE NO.	DESCRIPTION
1	ReuseRepo Website
2	Solution Design Document
3	API and User Interface that supports the following key functionalities: <ul style="list-style-type: none">• Search functionality: allowing people to search for reuse ideas using keywords or tags• View Article functionality; allowing people to view the details of the ideas. This allow allows users to like or dislike the idea• Allow users to create their own user profile that contains all their posts, liked articles, saved articles and a list to add their stuff they want to reuse• Allowing users to create a new article, allowing users to publish the article and additionally allow users to delete a published article. Users can also tag the article with different reusable items.
4	QA Verification Document
5	User Manual
6	Presentation and Demo

List of Project Tasks

List all project tasks to be completed, based on the deliverables listed in the previous section. Do not list dates. Add more rows as necessary.

Alternatively, you can attach your work breakdown structure (WBS) to the scope statement.

Work breakdown structure (WBS) attached	NO		YES	X
<i>Provide link, if applicable.</i>	N/A Arsal Khan - Reuse Repo WBS.pptx			

TASK NO.	DESCRIPTION	FOR DELIVERABLE NO. ... ENTER TASK #
1	Planning	
2	Implementation Phase & QA Phase 1	1, 2, 3, 4
3	Implementation Phase & QA Phase 2	
4	Closing	5, 6

Out of Scope

This project will NOT accomplish or include the following:	This project is NOT: <ul style="list-style-type: none">• A Q&A forum• An app that can run independently on your computer• Going to support live streaming• Going to support monetization
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Wishlist

<u>If there is time</u> , this project will accomplish or include the following:	<ul style="list-style-type: none">• Image recognition (Reduce Repo will figure out what parts you have after scanning a provided photo using Google Vision API)• Video support (easier for users to follow along)• Light/Dark mode
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Project Assumptions

NO.	ASSUMPTION
1	People want to reuse their unused stuff. If false, there will be no demand for this product.
2	We will be able to pick up the programming languages in time. If this is false, then the project will not be in working order by the submission deadline.
3	We'll be able to deploy to a hosting service. If not, we won't be able to share this project with the world.
4	People are willing to post ideas about how to reuse old products. If this is false then there will be a lack of content on the website for people to use.

Project Constraints

PROJECT START DATE	11/27/2020
LAUNCH / GO-LIVE DATE	02/05/2021
PROJECT END DATE	02/05/2021
LIST ANY HARD DEADLINE(S)	Start Project Planning - Nov 27, 2020 Start Implementation and QA Phase 1 - Dec 04, 2020 Start Implementation and QA Phase 2 - Jan 15, 2021 Start Final testing - Jan 22, 2021 Submission - Jan 29, 2021
LIST OTHER DATES / DESCRIPTIONS OF KEY MILESTONES	Code Walkthrough 1 - Within winter break Design Walkthrough - Week of January 11-15 Code Walkthrough 2 - January 20-22 (1 week before submission)
BUDGET CONSTRAINTS	This project shouldn't consume any money, at least given the current scope.
QUALITY OR PERFORMANCE CONSTRAINTS	This project's performance will depend almost entirely on our hosting platform's cloud services.
EQUIPMENT / PERSONNEL CONSTRAINTS	There shouldn't be any equipment or personnel constraints for this project.

REGULATORY CONSTRAINTS	N/A
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Approvals

STAKEHOLDER NAME & TITLE	ROLE OF STAKEHOLDER / APPROVER	DATE SUBMITTED FOR APPROVAL	DATE APPROVAL RECEIVED
Mr. Seidel	Teacher	11/27/2020	